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HOME

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in this catalog:**

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- Graduate (p. 757)
- Archive Catalogs (p. 891)

UNDERGRADUATE

Undergraduate Catalog 2021-2022

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www.ithaca.edu (<http://www.ithaca.edu>)
607-274-3011

About This Catalog

The requirements specified in this catalog apply to students who commence their studies at Ithaca College during the 2021-2022 academic year and who remain in continuous enrollment at the institution until they graduate. If requirements are changed, students may elect to comply with the new requirements or to remain under the requirements by which they are governed at the time of the change. The choice must be declared at the time of the student's graduation review with the registrar's office.

Students who change their major are bound by the regulations for their new major that are in effect the semester they officially begin studies in that program.

Students who withdraw and are subsequently readmitted are bound by program and degree requirements in force during the academic year in which they are readmitted. See the statement on return after suspension under "Academic Standards (p. 724)."

The student should be aware that some information in the catalog may change. It is recommended that students considering enrollment check with the school director to determine if there is any change from the information provided in the catalog. In addition, a catalog will contain information on the school's teaching personnel and courses/curricula offered. Please be advised that the State Education Department separately licenses all teaching personnel and independently approves all courses and curricula offered. Therefore, it is possible that courses/curricula listed in the school's catalog may not be approved at the time that a student enrolls in the school or the teaching personnel listed in the catalog may have changed. It is again recommended that the student check with the school director to determine if there are any changes in the courses/curricula offered or the teaching personnel listed in the catalog.

Important Declarations

Discrimination

Discrimination on the grounds of age, disability, marital status, national origin, race, color, religion, sex, sexual orientation, gender identity or expression, or military status will not exist in any activity, area, or operation of the College. Inquiries concerning the application of Title IX may be made to the Ithaca College's Title IX Coordinator, Linda Koenig, at 953 Danby Road, Ithaca, NY 14850, (607) 274-7761, l(tziemmann@ithaca.edu)koenig@ithaca.edu (lkoenig@ithaca.edu) or to the U.S. Department of Education, Office of Civil Rights. For more information please visit the Office of Civil Rights website (<https://www2.ed.gov/about/offices/list/ocr/aboutocr.html>).

Photographs

Ithaca College and its representatives on occasion take photographs and video footage of individuals or groups in public venues and spaces on campus, including but not limited to exterior walkways, performance and athletic areas, and classrooms. This statement serves as public notice of the College's intent to do so and by participating in a program of Ithaca College, you—or your parent/guardian if you are under 18 years of age—grant Ithaca College, and its employees and agents, the right to make, use, and publish in whole or in part any recorded footage in which your name, likeness, image and/or voice may be included. Ithaca College shall have complete ownership of such recordings in which you or your performance or contribution appears. If you should object to the use of your likeness, image or voice, you have the right to withhold its release by filling out a form at the Office of the Registrar.

Accuracy

Every effort has been made to ensure that the information in this catalog is accurate and complete. However, errors are possible, and changes such as the addition or cancellation of courses may occur during the academic year. The College reserves the right to correct these or other errors in the catalog and to make changes in degree requirements, course offering regulations, and procedures as educational or financial considerations require. For the most up-to-date information, contact the appropriate department offices.

Mission and Vision

Vision Statement

A global destination for bold thinkers seeking to build thriving communities

Mission Statement

Educate, engage, and empower through theory, practice, and performance

Values

Academic Excellence • Respect and Accountability • Innovation • Sustainability • Equity

All of these values are interrelated and equally critical to accomplishing Ithaca College's vision and mission.

Academic Excellence

Ithaca College views academic excellence as the integration of theory, practice, and performance. The College's unique fusion of the liberal arts and professional programs assumes that knowledge needs to

inform and be informed by hands-on experience, real-life application, and concrete action. Curricular and co-curricular activities should provide all community members with opportunities to develop, debate, and critically evaluate strategies to address complex problems.

Respect and Accountability

Mutual care, respect, and accountability are expected in all facets of institutional life. Ithaca College values every community member's dignity and seeks to create a social environment where everyone can flourish and be their authentic self. As members of a thriving community, we demonstrate practices that foster a sense of belonging, shared responsibility, collaboration, innovation, and achievement. Accountability to Ithaca College's values and policies gives us the opportunity to consider the consequences of our actions, to self-examine, and to find ways to restore trust and forgiveness when harm is caused. A culture of care and love grows when we respectfully engage in learning opportunities that help us shift out of our presumed paradigms.

Innovation

A culture of innovation enables us to remain forward thinking, nimble, and adaptable to social and technological change. When people from diverse backgrounds and experiences are empowered to exchange ideas and collaboratively problem-solve, innovation grows, creativity sparks, and institutional and personal goals are achieved. Collaboration between the professional and liberal arts traditions cultivates academic excellence in the spirit of theory, practice, and performance.

Sustainability

Adopting institutional strategies that offer ecological and resource-based sustenance to the people and places of Ithaca College ensure its futurity. Sustainability means increasing our usage of renewable energy sources and reducing our carbon footprint because we understand the impact of our decisions on the community and the planet. It means practicing good stewardship of financial resources. It means fostering connections among students, faculty, staff, alumni, and administrators to serve the public good. We activate critical thinking, scholarly inquiry, professional skills, and performance in order to positively impact, sustain, and advance our local and global communities.

Equity

We adopt an equity framework that proactively seeks to make Ithaca College accessible, affordable, and inclusive for all people, especially those impacted by systemic disadvantage, marginalization, and exclusion. This endeavor requires resource allocation as well as organizational structures that facilitate equity. It demands adopting strategies for increasing the representational diversity of students, faculty, and staff who are currently underrepresented in higher education. It also means implementing inclusive policies and practices proven to foster the retention, belonging, and advancement of people who face systemic disadvantages and discrimination based on race, gender, sexual orientation, religion, ability, and national origin. Finally, an equity framework assumes inclusive decision-making processes, transparency, and accountability as the primary ways of working together.

Academic Calendar

All Semester Academic Calendars

The Ithaca College academic calendars for fall, winter, spring, and summer semesters may be found on the Office of the Registrar Calendar website (<https://www.ithaca.edu/registrar/calendars/>).

Residence Hall Openings and Closings

Residence hall openings and closings may be found at the Office of Residential Life Opening and Closing website (http://www.ithaca.edu/reslife/guide/opening_closings_breaks/opening_closing_dates/).

Academic Accreditations and Affiliations

- All-College (p. 9)
- School of Business (p. 9)
- Roy H. Park School of Communications (p. 9)
- School of Health Sciences and Human Performance (p. 10)
- School of Humanities and Sciences (p. 10)
- School of Music (p. 10)

All-College

Accreditations

- Middle States Commission on Higher Education
- New York State Education Department

Affiliations/Memberships

- American Council on Education
- Association of Governing Boards of Universities and Colleges
- Commission on Independent Colleges and Universities
- Council on Undergraduate Research
- Empire State Library Network
- NAFSA: Association of International Educators
- National Association of Independent Colleges and Universities
- NC-SARA: National Council for State Authorization Reciprocity Agreements

School of Business

Accreditations

- Association to Advance Collegiate Schools of Business International (AACSB)

Affiliations

- Academy of Management
- American Marketing Association
- Financial Management Association
- Institute of Management Accountants
- Society of Human Resource Management

Roy H. Park School of Communications

Affiliations

- American Advertising Federation;
- Associated Collegiate Press;
- Association for Educational Communications and Technology;
- Association for Schools of Journalism and Mass Communication;

- Association of Independent Video and Filmmakers;
- Broadcast Education Association;
- College Broadcasters Inc.;
- College Media Advisers;
- Columbia Scholastic Press Association;
- International Association of Business Communicators;
- Public Relations Student Society of America;
- Society of Broadcast Engineers;
- Society of Professional Journalists;
- University Film and Video Association.

School of Health Sciences and Human Performance

Accreditations

- Accreditation Council for Occupational Therapy Education
- Accreditation Review Commission on Education for the Physician Assistant
- Commission on Accreditation in Physical Therapy Education
- Commission on Accreditation of Athletic Training Education
- Council on Academic Accreditation in Audiology and Speech-Language Pathology of the American Speech-Language-Hearing Association
- Council on Accreditation of Parks, Recreation, Tourism and Related Professions
- Wilderness Education Association

Affiliations

- American Academy of Physician Assistants
- American College Health Association
- American College of Sports Medicine
- American Council of Academic Physical Therapy
- American Occupational Therapy Association
- American Physical Therapy Association
- American Speech-Language-Hearing Association
- American Therapeutic Recreation Association
- Associate for Advancing Quality in Educator Preparation
- Association for Applied Sport Psychology
- Association of Outdoor Recreation and Education
- Association of Schools Advancing Health Professions
- Association of Schools and Programs of Public Health
- Council on Academic Programs in Communication Sciences and Disorders
- National Athletic Trainers' Association
- National Recreation and Park Association
- New York Society of Physician Assistants
- New York State Physical Therapy Association
- New York State Therapeutic Recreation Association
- Society of Health and Physical Educators

School of Humanities and Sciences

Accreditations

- American Chemical Society;
- National Association of Schools of Theatre;
- New York State Board of Regents and Commissioner of Education;
- Wilderness Education.

Affiliations

- Association for Gerontology in Higher Education, Association of Independent Liberal Arts Colleges for Teacher Education;
- Association of Teacher Educators;
- International Communication Association;
- National Communication Association;
- New York Association of Colleges for Teacher Education.

School of Music

Accreditations

- National Association of Schools of Music;
- New York State Board of Regents and Commissioner of Education.

Affiliations

- National Association of Schools of Music;
- National Association for Music Education;
- New York State School Music Association;
- New York State - Society for Music Teacher Education;
- New York State Association of College Music Programs;
- League of American Orchestras.

Programs A - Z

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Undergraduate Degree Programs

Registered by the Regents of the University of the State of New York

Enrollment in other than the officially registered programs listed below may jeopardize a student's eligibility for certain student aid awards. (HEGIS is the Higher Education General Information Survey.)

School of Business

- Accounting, B.S. (p. 264) (HEGIS Code: 0502)
- Business Administration, B.S. (p. 275) (HEGIS Code:0506)

Roy H. Park School of Communications

- Cinema and Photography, B.S. (p. 297) (HEGIS Code:1010)
- Communication Management and Design, B.S. (p. 309) (HEGIS Code:0601)
- Documentary Studies and Production, B.A. (p. 315) (HEGIS Code:0699)
- Emerging Media, B.S. (p. 299) (HEGIS Code:0605)
- Film, Photography, and Visual Arts, B.F.A. (p. 298) (HEGIS Code:1099)
- Integrated Marketing Communications, B.S. (p. 311) (HEGIS Code:0601)
- Journalism, B.A. (p. 303) (HEGIS Code:0602)
- Sports Media, B.S. (p. 315)
- Television-Radio, B.S. (p. 299) (HEGIS Code:0603)
- Writing for Film TV and EM, B.F.A. (p. 297)

School of Health Sciences and Human Performance

- Clinical Health Studies, B.S. (p. 365) (HEGIS Code:1201)
- Clinical Health Studies/Physical Therapy, B.S./D.P.T. (p. 365) (HEGIS Code:1201/1212)
- Exercise Science, B.S. (HEGIS Code:1299.30)
 - Clinical Exercise & Wellness Concentration, B.S. (p. 330)
 - Medical Sciences Concentration, B.S. (p. 331)
 - Sport Sciences Concentration, B.S. (p. 332)
 - Strength & Conditioning Concentration, B.S. (p. 333)
- Exercise Science Pre-Athletic Training, B.S. (p. 334) (HEGIS Code:1299.30)
- Health Care Management, B.S. (p. 350) (HEGIS Code:1202)
- Health Education (teaching) (p. 345)¹, B.S. (HEGIS Code:0837)
- Health Education and Physical Education (teaching) (p. 347)¹, B.S. (HEGIS Code:0835)
- Health Sciences, B.S. (p. 350) (HEGIS Code:1201)
 - Premedical Emphasis
 - Food and Nutrition Emphasis
 - Planned Clinical Focus
- Occupational Science, B.S. (p. 358) (HEGIS Code:1201)
- Occupational Science/Occupational Therapy (5-year), B.S./M.S. (p. 359) (HEGIS Code:1201/1208)
- Outdoor Adventure Leadership, B.S. (p. 370) (HEGIS Code:0835.01)
- Physical Education (teaching) (p. 348)¹, B.S. (HEGIS Code:0835)
- Public and Community Health, B.S. (p. 352) (HEGIS Code:1214)
- Speech-Language Pathology, B.S. (p. 377) (HEGIS Code:1220)
- Therapeutic Recreation, B.S. (p. 371) (HEGIS Code:2199)

School of Humanities and Sciences

- Acting, B.F.A. (p. 553) (HEGIS Code:1007)
- Aging Studies, B.A. (p. 463) (HEGIS Code:2299.10)
- Aging Studies, B.S. (p. 463) (HEGIS Code:2299.10)
- Anthropology, B.A. (p. 397) (HEGIS Code:2202)
- Applied Physics, B.S. (p. 511) (HEGIS Code:1902.00)
- Applied Psychology, B.S. (p. 533) (HEGIS Code:2099)
- Architectural Studies, B.A. (p. 412) (HEGIS Code:1003)

- Art, B.A. (p. 402) (HEGIS Code:1002)
- Art, B.F.A. (p. 402) (HEGIS Code:1002)
- Art Education (p. 403)¹, B.A. (HEGIS Code:0831)
- Art History, B.A. (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-art-history/art-history-major-without-concentration-ba/>) (HEGIS Code:1003)
- Biology, B.A. (p. 421) (HEGIS Code:0401)
- Biology, B.S. (p. 423) (HEGIS Code:0401)
- Biology (p. 421)¹, B.A. (HEGIS Code:0401.01)
- Biochemistry, B.S. (p. 414) (HEGIS Code:0414)
- Chemistry, B.S. (p. 433) (HEGIS Code:1905)
- Communication Studies, B.A. (p. 439) (HEGIS Code:1506)
- Computer Science, B.A. (p. 445) (HEGIS Code:0701)
- Computer Science, B.S. (p. 445) (HEGIS Code:0701)
- Culture and Communication, B.A. (p. 440) (HEGIS Code:0699)
- Economics, B.A. (p. 449) (HEGIS Code:2204)
- English, B.A. (p. 487) (HEGIS Code:1501)
- English (p. 487)¹, B.A. (HEGIS Code:1501.01)
- Environmental Science, B.S. (p. 460) (HEGIS Code:0420)
- Environmental Studies, B.A. (p. 459) (HEGIS Code:0420)
- History, B.A. (p. 475) (HEGIS Code:2205)
- Integrative Studies, B.A. (p. 477) (HEGIS Code:4901)
- Integrative Studies, B.S. (p. 478) (HEGIS Code:4901)
- Legal Studies, B.A. (p. 479) (HEGIS Code:1499)
- Mathematics, B.A. (p. 494) (HEGIS Code:1701)
- Mathematics (p. 495)¹, B.A. (HEGIS Code:1701.01)
- Mathematics, B.S. (p. 496) (HEGIS Code:1701)
- Mathematics-Physics, B.A. (p. 513) (HEGIS Code:1701)
- Musical Theatre, B.F.A. (p. 554) (HEGIS Code:1007)
- Philosophy, B.A. (p. 505) (HEGIS Code:1509)
- Physics, B.S. (p. 512) (HEGIS Code:1902)
- Politics, B.A. (p. 528) (HEGIS Code:2207)
- Psychology, B.A. (p. 534) (HEGIS Code:2001)
- Race, Power, and Resistance, B.A. (p. 427) (HEGIS Code:4903)
- Religious Studies, B.A. (p. 505) (HEGIS Code:1510.00)
- Screen Cultures, B.A. (p. 535) (HEGIS Code:1010.00)
- Social Studies (p. 475)¹, B.A. (HEGIS Code:2201.01)
- Sociology, B.A. (p. 543) (HEGIS Code:2208)
- Spanish (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-world-languages-literatures/spanish-major-ba-teaching-option/>)¹, B.A. (HEGIS Code:1105.01)
- Stage Management, B.F.A. (p. 555) (HEGIS Code:1007.00)
- Theatre Arts Management, B.S. (p. 556) (HEGIS Code:1099)
- Theatre Studies, B.A. (p. 558) (HEGIS Code:1007)
- Theatre Production and Design, B.F.A. (p. 557) (HEGIS Code:1007)
- Women's, Gender, and Sexuality Studies, B.A. (p. 559) (HEGIS Code:4903)
- World Languages and Cultures, B.A. (p. 573) (HEGIS Code:1101)
- Writing, B.A. (p. 581) (HEGIS Code:1507)

School of Music

- Composition, B.M. (p. 681) (HEGIS Code:1004.10)
- Jazz Studies, B.M. (p. 669) (HEGIS Code:1004)

- Music, B.A. (p. 692) (HEGIS Code:1004)
- Music Education (p. 597)¹, B.M. (HEGIS Code:1005)
- Music in Combination with an Outside Field, B.M. (p. 690) (HEGIS Code:1004)
- Music Theory, B.M. (p. 677) (HEGIS Code:1004.10)
- Performance, B.M. (p. 660) (HEGIS Code:1004)
 - Performance, Collaborative Emphasis, B.M. (p. 665)
- Performance/Music Education, 4 1/2 years (p. 608)¹, B.M. (HEGIS Code:1004)
- Sound Recording Technology, B.M. (p. 667) (HEGIS Code:1004)

¹ New York State teacher certification program

Graduate Degree Programs

Registered by the Regents of the University of the State of New York

School of Business

- Entertainment and Media Management, M.B.A. (p. 821) (HEGIS Code:0506)
- Accounting, M.S. (p. 822) (HEGIS Code: 0502)

Roy H. Park School of Communications

- Communications Innovation, M.S. (p. 825) (HEGIS Code: 0699) (This program is not accepting applications at this time.)
- Image Text, M.F.A. (p. 826) (HEGIS Code: 0699)

School of Health Sciences and Human Performance

- Athletic Training, M.S. (p. 840) (HEGIS Code: 1299.30)
- Exercise and Sport Sciences, M.S. (HEGIS Code: 0835)
 - Exercise and Sport Sciences, M.S. with Thesis (<https://catalog.ithaca.edu/graduate/exercise-sport-sciences/exercise-sport-sciences-master-science-degree-thesis/>)
 - Exercise and Sport Sciences, M.S. without Thesis (<https://catalog.ithaca.edu/graduate/exercise-sport-sciences/exercise-sport-sciences-master-science-degree-without-thesis/>)
- Occupational Therapy, M.S. (p. 859) (HEGIS Code:1208)
- Physical Therapy, D.P.T. (p. 870) (HEGIS Code:1212)
- Physician Assistant Studies, M.S. (p. 875) (HEGIS Code: 1299.10)
- Speech-Language Pathology with Teaching Certification, M.S. (p. 880)¹ (HEGIS Code:1220)
- Speech-Language Pathology, M.S. (p. 881)

School of Humanities and Sciences

- Adolescence Education 7-12, M.A.T. (p. 830)¹ (HEGIS Code:0803)
- For certification in:
- Biology 7-12
 - Chemistry 7-12
 - English 7-12
 - French 7-12
 - Mathematics 7-12
 - Physics 7-12

- Social Studies 7-12
- Spanish 7-12
- Agricultural Education, M.A.T. (p. 832)
- Childhood Education, M.S. (p. 833)¹ (HEGIS Code:0802)

School of Music

- Composition, M.M. (p. 851) (HEGIS Code:1004.10)
- Conducting, M.M. (p. 851) (HEGIS Code:1004)
- Music Education, M.M. (p. 852)¹ (HEGIS Code: 0832)
- Music Education, M.S. (p. 852)¹ (HEGIS Code: 0832)
- Performance, M.M. (p. 852) (HEGIS Code: 1004)
- Summer Suzuki Teacher Institute (<https://www.ithaca.edu/suzuki-institutes/>)
- Suzuki Pedagogy, M.M. (p. 853) (HEGIS Code: 1004)

Credits may be earned in summer sessions during June, July, and August. More information may be obtained from the graduate studies website (<http://www.ithaca.edu/gps/gradprograms/>).

¹ New York State teacher certification program

Certificate Programs

Registered by the Regents of the University of the State of New York

School of Business

- International Business, Certificate (p. 279) (HEGIS Code:5004)

Minors and Concentrations

Minors and concentrations are structured plans of study consisting of a minimum of five courses for at least 15 credits. Successful completion of a minor or concentration is recorded on the transcript if the student has registered for the program as required. See "Admission to a Minor or Concentration" in the "Graduation and Program Regulations (p. 727)" section.

The difference between the two plans of study is that a minor is outside the specific discipline in which the student is majoring; a concentration is within the student's major discipline. Concentrations are available in a number of programs. Students should consult with their advisers on eligibility requirements and planning for graduation.

Minors are available in each school, as follows:

School of Business

- Accounting (p. 255)
 - Accounting Minor (p. 265)
- Business Administration (p. 265)
 - Business Minor (p. 278)
 - Business Analytics Minor (p. 278)
 - Entrepreneurship & Innovation Minor (p. 278)
 - Finance Minor (p. 279)
 - International Business Studies Minor (p. 279)
 - Marketing Minor (p. 279)
 - Pre-MBA Minor (p. 279)
 - Certificate in International Business (p. 279)

Roy H. Park School of Communications

- Department of Media Arts, Sciences, and Studies (p. 285)
 - Animation Minor (p. 300)
 - Audio Production Minor (p. 300)
 - International Communications Minor (p. 300)
 - Still Photography Minor (p. 301)
 - Writing for Film, TV & Emerging Media Minor (p. 301)
- Department of Journalism (p. 301)
 - Journalism Minor (p. 303)
- Department of Strategic Communication (p. 304)
 - Communication Management and Design Minor (p. 311)
 - Integrated Marketing Communications Minor (p. 311)
 - Live Event Design and Management Minor (p. 312)
- Interdisciplinary Programs (p. 312)

School of Health Sciences and Human Performance

- Department of Exercise Science and Athletic Training (p. 322)
 - Exercise Science Minor (p. 335)
 - Sport and Exercise Psychology Minor (p. 336)
- Department of Health Promotion and Physical Education (p. 336)
 - Coaching Minor (p. 353)
 - Health Minor (p. 353)
 - Health Policy and Management Minor (p. 354)
 - Nutrition Promotion Minor (p. 354)
- Department of Occupational Therapy (p. 354)
 - Occupational Science Minor (p. 359)
- Department of Recreation and Leisure Studies (p. 365)
 - Outdoor Pursuits Minor (p. 372)
 - Recreation Minor (p. 373)
- Department of Speech-Language Pathology and Audiology (p. 373)
 - Communication Disorders Minor (p. 377)
 - Deaf Studies Minor (p. 378)

School of Humanities and Sciences

- Department of Anthropology (p. 388)
 - Anthropology Minor (p. 397)
- Department of Art (p. 397)
 - Art Minor (p. 404)
 - Graphic Design Minor (p. 404)
- Department of Art History (p. 404)
 - Art History Major — B.A. (p. 411)
 - Art History Minor (p. 413)
- Department of Biology (p. 415)
 - Biology Minor (p. 423)
- Center for the Study of Culture, Race and Ethnicity (p. 424)
 - African Diaspora Studies Minor (p. 428)
 - Asian American Studies Minor (p. 428)
 - Latino/a/x Studies Minor (p. 428)
 - Native American Indigenous Studies Minor (p. 428)
- Department of Chemistry (p. 429)
 - Chemistry Minor (p. 434)
- Department of Communication Studies (p. 434)
 - Communication Studies Minor (p. 440)
- Department of Computer Science (p. 440)

- Computer Science Minor (p. 446)
- Game Development Minor (p. 446)
- Web Programming Minor (p. 446)
- Department of Economics (p. 447)
 - Economics Minor (p. 450)
- Department of Education (p. 450)
 - Education Studies Minor (p. 454)
- Department of Environmental Studies and Sciences (p. 455)
 - Environmental Studies Minor (p. 461)
- Gerontology (p. 461)
 - Aging Studies Minor (p. 464)
- Department of History (p. 464)
 - History Minor (p. 476)
- Legal Studies (p. 478)
 - Legal Studies Minor (p. 481)
- Department of Literatures in English (p. 481)
 - English Minor (p. 489)
- Department of Mathematics (p. 489)
 - Data Science Minor (p. 496)
 - Mathematics Minor (p. 496)
- Department of Philosophy and Religion (p. 497)
 - Jewish Studies Minor (p. 506)
 - Philosophy Minor (p. 506)
 - Religious Studies Minor (p. 506)
- Department of Physics and Astronomy (p. 506)
 - Physics Minor (p. 514)
- Department of Politics (p. 515)
 - Politics Minor (p. 529)
 - International Politics Minor (p. 529)
- Department of Psychology (p. 529)
 - Psychology Minor (p. 535)
- Department of Sociology (p. 536)
 - Sociology Minor (p. 544)
- Department of Theatre Arts (p. 544)
 - Theatre Minor (p. 559)
 - Dance Minor (p. 559)
- Women's, Gender, and Sexuality Studies (p. 559)
 - Women's and Gender Studies Minor (p. 561)
- Department of World Languages, Literatures, and Cultures (p. 561)
 - Comparative Literature Minor (p. 574)
 - French Minor (p. 575)
 - German Area Studies Minor (p. 575)
 - Italian Studies Minor (p. 575)
 - Spanish Minor (p. 575)
 - Linguistics Minor (p. 575)
 - Translation Studies Minor (p. 576)
- Department of Writing (p. 576)
 - Writing Minor (p. 582)
- Interdisciplinary Minors (p. 582)
 - Classical Studies Minor (p. 583)
 - Counseling Minor (p. 583)
 - Latin American and Caribbean Studies (p. 583)
 - Media Literacy (p. 584)
 - Medieval and Renaissance Studies (p. 585)

- Muslim Cultures (p. 585)
- Neuroscience (p. 585)

School of Music

- Music Minor (p. 696)

Degrees Awarded

Each of the undergraduate degree programs offered by Ithaca College requires a minimum of 120 credit hours and a certain number of liberal arts credits as specified by the New York State Education Department. Only courses specifically designated for this purpose may count as liberal arts credit; they are marked “LA” in this catalog and in the semester course lists, the *Browse Courses* and *Browse Course Catalog*, available publicly on Homer (<https://homerapps.ithaca.edu/StudentRegistrationSsb/ssb/registration/>). Those not so designated are marked “NLA” in this catalog and in the semester course lists. Courses listed without LA or NLA designations are under review.

The **bachelor of arts (B.A.)** degree combines a major focus in one of the basic disciplines with breadth of study across the traditional liberal arts fields. Through planned study of representative subjects in the humanities, natural sciences, social sciences, and fine arts, students encounter the intellectual landmarks and become familiar with the basic methods of investigation, analysis, and expression of each area. Majoring in one of these fields affords the opportunity to develop greater sophistication and depth in an area of particular interest. *As specified by the New York State Education Department, the B.A. degree requires a minimum of 75 percent liberal arts credits.*

The **bachelor of fine arts (B.F.A.)** degree places particular emphasis on the media and techniques of creative expression. Courses in theory and aesthetic analysis encourage students to explore new modes of expression and to develop an ability to critique their own and others’ work. Individual and small-group instruction in special techniques helps students perfect their individual talents and demonstrate them in scheduled exhibitions or performances. Liberal arts electives enable students to attain a breadth of knowledge in other disciplines. *As specified by the New York State Education Department, the B.F.A. degree requires a minimum of 25 percent liberal arts credits.*

The **bachelor of music (B.M.)** degree combines a variety of music courses to provide a solid base from which to pursue study of a specific area, such as music education, music performance, composition, jazz studies, or recording. *As specified by the New York State Education Department, the B.M. degree requires a minimum of 25 percent liberal arts credits.*

The **bachelor of science (B.S.)** degree integrates study in one of the professional areas, or one of the natural or social sciences, with designated support courses from other areas. In this closely structured program, students combine analytical methods developed in the classroom with practical application of these methods in a laboratory or internship setting. The intent of this degree is to provide an intensive exploration of theory, method, and research within the student’s chosen field. Electives in liberal arts disciplines complement the specialization and foster understanding and appreciation of the interrelation of the humanities and sciences. *As specified by the New York State Education Department, the B.S. degree requires a minimum of 50 percent liberal arts credits.*

For more information about degree programs and requirements, see “Graduation and Program Regulations (p. 727).”

Integrative Core Curriculum

Susan Adams Delaney, Director and Associate Professor

Andrew Utterson, Coordinator of Ithaca Seminar and Associate Professor

Mission and Program Outcomes

The Integrative Core Curriculum (ICC) is Ithaca College’s liberal education program, which contributes, along with students’ curricular experiences in the major, elective offerings, and out-of-class experiences, to achieving the College’s expectation that Ithaca College graduates should become integrative thinkers, critical and analytical problem solvers, and reflective learners. To achieve these expectations, students completing the ICC will:

1. Address a topic, issue, problem area, or human challenge using a combination of concepts, theories, and/or methods from multiple perspectives or fields of study;
2. Apply concepts, theories, methods, or skills to analyze new questions or complex problems; and
3. Engage in and communicate self-reflection about their learning in the Integrative Core Curriculum, their chosen major discipline, and their overall Ithaca College experience

The ICC is intentionally designed to be integrative. Students will be asked to reflect throughout the program on how the various courses in their ICC experience fit together with each other and how they connect with other learning experiences. To facilitate this integrative experience, students will begin an electronic learning portfolio in their Ithaca Seminar course and continue to develop the portfolio in each ICC course, culminating with the ICC capstone.

The ICC is comprised of: Themes and Perspectives sequence; Academic Writing, Diversity, Quantitative Literacy, and Writing Intensive courses; 12 hours of Complementary Liberal Arts coursework specific to each School or degree program; and an ICC capstone experience. Student achievement of ICC program outcomes will be documented and demonstrated through completion of an electronic learning portfolio (ePortfolio), required for graduation.

Requirements of the ICC

Code	Title	Credits
Ithaca Seminar		4
Themes and Perspective Courses		12
Creative Arts (CA)		
Humanities (HM)		
Natural Sciences (SC)		
Social Sciences (SO)		
Complementary Liberal Arts		12
Additional Requirements		12
WRTG 10600	Academic Writing I (or ICSM 10800 or ICSM 11800)	
Writing Intensive (WI)		
Diversity (DV)		
Quantitative Literacy (QL)		
ICC Capstone (CP)		0-6
ePortfolio completion		
Total Credits		40

Ithaca Seminar (4 credits)

The Ithaca College student's introduction into the ICC begins in the first semester with an Ithaca Seminar. These courses are interdisciplinary seminars that address a variety of transition to college issues. Upon completion of an Ithaca Seminar, students are able to:

1. Develop and evaluate ideas and arguments; and
2. Identify and articulate assumptions that underlie an idea, argument, or creative work.

Themes and Perspectives Sequence (12 credits)

The Themes and Perspectives model is the central component of the ICC. This sequence is based on the premise that complex and important issues are best approached through a variety of perspectives. A Theme in the Ithaca College Integrative Core Curriculum (ICC) is a topic, issue, problem area, or human challenge that invites interdisciplinary, critical, or analytical investigation through a focused set of inquiries (e.g., inquiry, imagination and innovation; power and justice). Students are required to complete a 12 credit Themes and Perspectives Sequence, including coursework in the creative arts, humanities, natural sciences, and social sciences. Students may not apply courses within the Themes and Perspectives sequence to their primary major. At the completion of a Themes and Perspectives sequence, students are able to:

1. Identify, formulate and/or evaluate significant questions for exploration within a Theme;
2. Communicate and advocate for their positions or conclusions; and
3. Propose new ideas, positions, solutions, or techniques in response to significant questions within a Theme

Perspectives

To complete the Themes and Perspectives sequence, students complete a series of four courses addressing the same Theme from each of four Perspectives: Creative Arts, Humanities, Natural Science, and Social Science. Some Themes and Perspectives courses may be designated with multiple perspectives; students will earn credit for completing both perspectives when completing such courses but must still complete a total of 12 credit hours within the Themes and Perspectives sequence.

Courses designated from each of the perspectives below focus on general ways humans interact with the world and provide students with multiple approaches to the thematic questions. For each perspective, the first student outcome listed focuses on methods or processes used in the perspective, the second addresses how examining the world from this perspective contributes to the student's own life or intellectual development, and the third concerns understanding how the perspective contributes to understanding broader social, cultural, and/or historical issues.

Creative Arts Perspective (CA) (3 credits from designated courses)

Courses taught from a creative arts perspective focus on the methods and materials used to create performances, literary texts, visual works, or built forms and the understanding of the aesthetic conventions and theoretical, social, historical, political, or economic contexts surrounding these works. Upon completion of a CA course, students are able to:

1. Recognize and explain the forms, techniques, and processes used in at least one area of creative arts;
2. Analyze, in themselves and others, how performances or creative works stimulate emotions, provoke thoughts, or guide actions and beliefs; and

3. Articulate the role of the creative arts in the construction of historical and/or contemporary cultures.

Humanities Perspective (HM) (3 credits from designated courses)

Courses taught from a humanities perspective seek to understand the human experience through analysis, interpretation, and reflection, engaging students in the particulars of individual experiences, texts, or other artifacts. Upon completion of an HM course, students are able to:

1. Understand and analyze human expression (such as language, texts, or images) through the lens of the humanities;
2. Recognize and begin to appraise existing arguments and articulate arguments of their own; and
3. Describe and interpret the values, beliefs, and behaviors of self and others in the context of historical and/or contemporary cultural institutions.

Natural Sciences Perspective (SC) (3 credits from designated courses)

Courses taught from a natural sciences perspective focus on scientific theories that explain experimentally verifiable physical or biological phenomena and the methodological processes used to conduct these observations as epitomized by scientific methods. Upon completion of an SC course, students are able to:

1. Understand basic scientific principles and facts as well as the methods that natural scientists use to study the physical world;
2. Recognize the impact of natural science on self and society; and
3. Explain how humans interact with and understand the natural and physical world.

Social Sciences Perspective (SO) (3 credits from designated courses)

Courses taught from a social sciences perspective seek to understand how particular human experiences can be seen as general characteristics and patterns. The focus is on how social forces shape and determine human action. Courses in this perspective apply theoretical, analytical, and empirical tools in the study of individuals, groups, and institutions. Upon completion of an SO course, students are able to:

1. Understand how social science methods are used to analyze, investigate, or predict human individual or group behavior;
2. Articulate their own values, beliefs, and behaviors, and trace the possible forces that shape their values, beliefs, and behaviors; and
3. Explain how diverse cultures and institutions help shape, and in turn are shaped by, the lives and decisions of their members.

Academic writing (3 credits)

The Academic Writing requirement is designed to help students develop as writers and is typically fulfilled by completion of WRTG 10600. Students who score 4 or 5 on the AP examination in English Literature and Composition or English Language and Composition will receive credit for WRTG 10600 and will satisfy the Academic Writing requirement. Ithaca Seminars numbered ICSM 10800 and ICSM 11800 also fulfill this requirement. Upon completion of the Academic Writing requirement, students are able to:

1. Situate themselves within a particular discourse community, use the affordances of a particular genre, and frame their

writing according to the practices of relevant audiences, contexts, and purposes;

2. Introduce and frame an academic conversation, develop an effective idea path, a line of reasoning that provides coherence to help the intended audience track the ideas, claims, evidence, and justifications throughout a text;
3. Locate, evaluate, and contextualize primary and/or secondary research materials into their writing and analyze, synthesize, and engage fairly and accurately with source material and their own ideas.

Diversity (DV) (3 credits from designated courses)

Diversity goes beyond the mere acknowledgement of difference to address the systematic silencing of marginalized people as we work toward creating a more just world. Diversity encompasses multiple dimensions, including but not limited to *race, ability, nationality, ethnicity, religion, geographic origin, class, sexual orientation and identities, gender, gender identities and expressions, and age*, allowing us to learn about the world through these perspectives.

Courses with a diversity designation are designed with the understanding that diverse perspectives have been historically excluded from the core curriculum. These courses promote students' critical engagement with issues arising from the historical exclusion of oppressed voices. As such, courses with a diversity designation enhance student awareness of current and past injustices, as well as the potential role of diversity in enriching society. Upon completion of DV courses, students are able to:

1. Articulate the ways in which systems of power impact the construction of individual and group identity. Discuss how these identities and relationships, in turn, shape perception of systematic power within social, economic, or historical contexts;
2. Analyze how individuals, organizations, and institutions create, perpetuate, adapt to, or challenge inequality; and
3. Demonstrate how shifts in your personal understanding contribute to using diverse perspectives in thinking and problem-solving within a broad range of contexts.

Quantitative Literacy (QL) (3 credits from designated courses)

Quantitative Literacy (QL) is the ability to reason with quantitative concepts for the purpose of understanding the world. In a data and information-saturated world, citizens need quantitative skills to understand commonplace and complex issues, and to be able to formulate and ask intelligent questions of experts. Concepts related to quantitative literacy include, but are not limited to, measurement, logic, number sense including different magnitudes, the difference between percentage and percent change, sampling and error, and graphical representation of data and information.

Courses with a QL designation will draw their motivation for quantitative work from the personal, social, and scientific issues they seek to address. Such courses will help students to develop the ability and habits of mind to investigate and interpret quantitative information, critique it, reflect upon it, and apply it, all in the context of the issues that motivate the course. Upon completion of QL courses, students are able to:

1. Provide accurate explanations of information generated or presented in quantitative or mathematical forms (e.g., equations, expressions, graphs, diagrams, tables, and

words) and describe this information in the context from which it is taken;

2. Analyze such information in order to make judgments, construct arguments, and draw conclusions in context, explain how these are supported by the quantitative analysis, and describe the limits of such analysis; and
3. Present this information in an effective format in support of a well-reasoned argument that addresses the context from which the information is taken

Writing Intensive (WI) (3 credits from designated courses)

All students must successfully complete one Writing Intensive (WI) course taken at Ithaca College. The overarching goals of WI courses are to develop students' abilities to use writing as a pathway of making meaning within a specific subject area and a means of participating in ongoing conversations within a particular academic or professional community.

Students must fulfill the Academic Writing requirement before enrolling in a WI course. Upon completion of a WI course, students are able to:

1. Develop and articulate content knowledge and critical thinking in a specific academic discipline through frequent practice of informal and formal writing;
2. Demonstrate understanding of audience expectations, genres, and conventions appropriate to communicating in a specific academic profession or related profession; and
3. Compose one or more documents totaling at least 3000 words through multiple stages of writing, including brainstorming, drafting, integrating sources, and revising comprehensively after receiving substantial, formative feedback on drafts

ICC Capstone (CP) (0-6 credits from designated courses)

An ICC capstone experience is required for all students; this capstone may be a stand-alone course or integrated into a departmental capstone experience. As part of the capstone experience, students will complete a reflective artifact addressing the question, "What has my learning in the Integrative Core Curriculum contributed to my education and how is that learning related to my major and other learning experiences?" Upon completion of the ICC capstone requirement, students are able to:

1. Engage in and communicate self-reflection about their learning in the Integrative Core Curriculum, their chosen discipline, and their overall Ithaca College experience;
2. Connect relevant experience and academic knowledge to deepen understanding of fields of study and broaden their own points of view; and
3. Summarize prior learning inside and outside of the classroom to reveal significantly changed perspectives about educational and life experiences

Complementary Liberal Arts Coursework (12 credits)

All students complete 12 credits of Complementary Liberal Arts (CLA) coursework identified by individual degree programs or Schools. This component of the ICC is intended to allow students maximum flexibility in integrating general education coursework with academic interests and degree programs. Please see School sections of this catalog for details about specific CLA requirements for each degree program. Although programs or Schools may identify additional outcomes, fulfilling this

requirement will facilitate students' ability to be integrative thinkers or critical and analytical problem solvers. Upon completion of the 12 hours of CLA coursework, students are able to:

1. Apply concepts, theories, methods, or skills to analyze new questions or complex problems; or
2. Address a topic, issue, problem area, or human challenge using a combination of concepts, theories, and/or methods from multiple perspectives or fields of study.

Electronic Learning Portfolio

The purpose of the electronic learning portfolio (ePortfolio) is to provide a venue for students to demonstrate achievement of the three overarching outcomes of the ICC, including integration across the major, ICC, and other experiences that contribute to their learning. An important benefit of the ePortfolio is that it allows students to include artifacts and reflection on learning from their major, ICC, and outside-of-class experiences together in a single space, which facilitates reflection on how those elements collectively contribute to learning. Within that space, students may also complete portfolios required of degree programs, co-curricular activities, or personal portfolios.

Students are responsible for collecting and selecting artifacts to be included in the ePortfolio. ICC portfolios will be evaluated on a pass/fail basis and students will be required to earn a pass in order to graduate.

Information specifically related to transfer may be found in this catalog in the Student Information section.

For additional information about the ICC, including specific courses that are part of the program, please visit the Ithaca College ICC Website (<https://www.ithaca.edu/icc/>).

Ithaca College Honors Minor in Interdisciplinary Studies

Cory Young, Associate Professor of Strategic Communication and Honors Program Director

The Ithaca College Honors Minor in Interdisciplinary Studies equips students with diverse tools for addressing the complex challenges of today's world. Students gain knowledge from multiple disciplines, select appropriate methods, and develop skills for dialogue and collaboration with interdisciplinary teams.

With the guidance of an Honors advisor, students design a pathway that includes intensive Honors academic seminars, global citizenship, cultural and civic engagement, and a culminating interdisciplinary scholarly or creative project.

Honors courses may not be taken pass/fail or S/D/F. To remain in Honors, a student must make regular progress toward completion of the program. Any student who does not register for an Honors course for three consecutive semesters without having discussed a plan for completion of the program with the program director will be deemed inactive and removed from the program. In order to graduate with Ithaca College Honors, a student must have a GPA greater than or equal to 3.0 in all courses as well as within Honors courses.

Students will be certified for graduation with Ithaca College Honors during their last semester in residence, based on evaluation by the

Honors Steering Committee. Any petition or appeal related to the Honors Program is handled through the Director of the Honors Program.

Code	Title	Credits
ICSM 11000	Honors Ithaca Seminar	4
or ICSM 11800 Honors Ithaca Seminar: Writing		
HNRS 1XXX-4XXXX	HNRS coursework	7-10
Complete 2 of the 3 options below: Global, Cultural or Civic		
HNRS 15000	Cultural Encounters with Ithaca College	3-6
HNRS 21500	Honors International Scholarly Conversation	
or OR GLOBAL STUDY EXPERIENCE (0 CREDIT)		
HNRS 25000	Civic Engagement Seminar	
HNRS 40000	Honors Senior Seminar in Interdisciplinary Studies	3
Total Credits		20

HNRS 15000 Cultural Encounters with Ithaca College (LA)

Provides students with a structured platform for exploring the cultural offerings at Ithaca College. The seminar explores questions about Ithaca College culture including what it is and how it is shaped. Students will address these questions through attendance at cultural events, through writing about and discussing such events, and through background reading. Open only to students in the Ithaca College Honors Program. (Y) Attributes: HN
3 Credits

HNRS 20000-20065 Honors Academic Seminar (LA)

Interdisciplinary seminars on a variety of topics open only to students in the Ithaca College Honors Program. Prerequisite: One honors course. (Y) Attributes: HN
3 Credits

HNRS 21000-21005 Honors Scholarly Conversations (LA)

Seminars focusing on intellectual careers or issues associated with the works of major visiting scholars at Ithaca College. Open only to students in the Ithaca College Honors Program. This course can be repeated for up to Prerequisite: One honors course. (Y) Attributes: 1, DV, G, HN
1-3 Credits

HNRS 21500 Honors International Scholarly Conversation (LA)

Focuses on intellectual careers or scholarly problems associated with major international visiting scholars at Ithaca College. Many of these scholars are Fulbright scholars invited to campus for this course. Prerequisite: One honors course. (F,S,Y) Attributes: 1, DV, G, HN
3 Credits

HNRS 22000-22010 Honors Design Lab (LA)

Interdisciplinary design lab for students to investigate a variety of contemporary problems and issues. Open only to students in the Ithaca College Honors Program. Prerequisite: One honors course. (I) Attributes: HN
1-3 Credits

HNRS 23000-23033 Honors Short Seminar (LA)

Distinctive seminars on a variety of focused topics with a singular theme of learning. Open only to members of the Ithaca College Honors Program. Prerequisite: One honors course. (Y) Attributes: HN
1-2 Credits

HNRS 24000-24024 Honors Slow Read (LA)

Distinctive seminars each focusing on one significant book. Open only to members of the Ithaca College Honors Program. Prerequisite: One Honors course. (Y)

Attributes: HN
1 Credit

HNRS 25000 Civic Engagement Seminar (LA)

This course draws on theory, research and personal accounts to explore forms of civic engagement and evaluate the opportunities and challenges each offers toward positive social change. We begin by defining civic engagement and assessing needs and strengths of the local community. Students engage with a community organization and critically reflect on their experience. They reflect on their own personal motivations and experiences with civic engagement, and how their own social identities influence social change efforts. This course fulfills the civic engagement requirement of the Honors program. Student commitment include 30 contact hours with the community organization as well as cultural competency training, class time, and reading and writing outside of class. Prerequisites: One HNRS course.

Attributes: HN
3 Credits

HNRS 27000 Honors: London as Text (LA)

Seeks to immerse students in the amazing cosmopolis of London. Participants in this seminar will not tour the city so much as interrogate it. Investigations will extend to as many aspects of the city as we can manage in a semester, and the objects of those inquiries will be as varied as the interests of the participants. Open only to members of the Ithaca College Honors Program. Prerequisite: One Honors course. (F, Y)

Attributes: HN
3 Credits

HNRS 30000 Honors Capstone (LA)

Students reflect on their Honors experience as they complete the Cursus Honorum. Open only to members of the Ithaca College Honors Program. Prerequisite: Junior Standing. (Y)

Attributes: HN
1 Credit

HNRS 39000 Honors Independent Study (LA)

Students register for independent interdisciplinary study in an area of interest. Students develop a project in consultation with a faculty sponsor. Open only to students in the Ithaca College Honors Program. Prerequisite: of level 2 HNRS courses; permission of the Honors Director. (I)

Attributes: HN
1-3 Credits

HNRS 39500 Honors Internship (NLA)

Combines academic studies with responsibilities and experiences in a professional setting. Supervision is provided by an on-site professional. Students are required to submit periodic written field reports, as well as a final internship experience report. Open only to students in the Ithaca College Honors Program. Prerequisites: Junior standing; permission of Honors Director. (IRR)

Attributes: HN
1-6 Credits

HNRS 40000 Honors Senior Seminar in Interdisciplinary Studies (LA)

This course is the culminating experience for students in the Honors Minor in Interdisciplinary Studies. Students engage in collaborative scholarly research or creative production involving interdisciplinary inquiry, dialogue, and problem-solving. Prerequisites: One three-credit 20000-level HNRS course and Senior standing. (F,S)

Attributes: HN
3 Credits

Exploratory Program

Students who wish to investigate a variety of academic disciplines before selecting a major may enter Ithaca College through the Exploratory Program. Exploratory students work one-on-one with dedicated faculty advisers who help them choose courses from the liberal arts and pre-professional curricula at the College and who guide them through the exploration of areas of interest to discern the best course of study.

During their time in the program, exploratory students are subject to the same academic regulations as all Ithaca College students and are encouraged to take advantage of all the College resources open to the general student population. In using the Integrative Core Curriculum as a means of structured exploration, they are actively progressing toward determining their major while completing the foundations of an Ithaca College degree.

In the Exploratory Program, students are well positioned to identify a major and a career path that match their evolving strengths and interests. Exploratory students are assigned a faculty adviser who is also the professor in one of their first semester courses to ensure frequent contact and the opportunity to build a relationship on which the adviser can offer more specific academic guidance.

Students are able to enter a major in the School of Humanities and Sciences directly, or apply for transfer to another school of the College if they meet the criteria for internal transfer to that school or admission to that major. Careful planning is necessary to transfer to credit-intensive programs, so exploratory students should consult closely with members of the IC advising support network, including their faculty adviser, the Director of the Exploratory Program, and the Dean's office(s) of the respective school(s). Students may remain in the Exploratory Program through the end of the sophomore year, or until they have earned a maximum of 60 credits, at which time they are required to declare a major.

To learn more, please visit the Exploratory Program website (<https://www.ithaca.edu/academics/exploratory-program/>).

Pre-Law

PRE-LAW ADVISORY PROGRAM

Students who are considering law school after college may prepare for the study of law by completing any of the regular majors at Ithaca College. Law schools do not stipulate specific pre-law courses of study but recommend that students develop skills in critical thinking, comprehension and expression with words, as well as critical understanding of the human institutions and values with which the law deals.

Ithaca College's **Pre-Law Program**, based in the School of Humanities and Sciences but open to students in any academic major at the college, provides additional support for students who are interested in a post-baccalaureate path in law. The program educates, informs, and advises

undergraduate students about admission to law school. The Pre-Law Program provides students with access to extensive resources, including personalized counseling by the pre-law advisor, to help determine if law school and the legal profession meets their interests, and if so, the best way to achieve their goals. The pre-law advisor also helps students to set up individualized timelines based on the student's personal goals. Once a member of the dynamic Pre-Law Program community, students have opportunities to meet IC alumni who have become successful attorneys and speak with IC alumni who are currently in law school. Specific information on law schools is also available from the Office of Career Services. For more information, contact the program adviser Angela Rulffes, assistant professor in communication studies, in the Muller Faculty Center.

Pre-Medical Sciences

Students who wish to prepare for health science professions — dentistry, medicine (M.D. or D.O.), optometry, physician assistant, nursing/nurse practitioner, veterinary medicine — may do so at Ithaca College in a variety of ways. No specific major is required to prepare for these professions, but students must complete several semesters of coursework in biology, general or inorganic chemistry, and/or organic chemistry. Coursework in anatomy and physiology, physics, and microbiology is also required for certain professions. Students should also demonstrate competency in mathematics and statistics, and basic knowledge in biochemistry, psychology, and sociology for required entrance exams such as the MCAT.

Most medical science graduate schools also expect coursework in English and/or writing, and social sciences/humanities (e.g., psychology, sociology, art, history, philosophy, etc.). To enhance competitiveness, students are encouraged to pursue advanced coursework in biology, chemistry, physics, and mathematics.

Students interested in the medical sciences professions should inform their academic advisor, contact the chairperson of the Health Professions Advisory Committee (<https://www.ithaca.edu/academics/school-humanities-and-sciences/pre-health-options/>), and research prerequisite requirements as early as possible in their academic career. This will ensure that their academic programs are planned to meet all requirements for professional school by the end of the senior year and in time for the professional schools' admissions tests.

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Course Prefixes

Prefix	Department/Discipline
ACCT	Accounting
ANTH	Anthropology
ARAB	Arabic
ART	Art
ARTH	Art History
ASTR	Astronomy
BGRD	Business — Graduate
BINT	Business — Interdisciplinary
BIOC	Biochemistry
BIOL	Biology
CHEM	Chemistry
CHIN	Chinese
CLTC	Culture and Communication
CMST	Communication Studies
CNPH	Cinema, Photography, and Media Arts
COMP	Computer Science
CSCR	Culture, Race, and Ethnicity
DNCE	Dance
ECON	Economics
EDUC	Education
ENGL	English

ENVS	Environmental Studies
EXSS	Exercise and Sport Sciences
FINA	Finance
FREN	French
GBUS	General Business
GCOM	General Communications
GERM	German
GERO	Aging Studies (previously Gerontology)
HEBR	Hebrew
HINT	Health Sciences and Human Performance Interdisciplinary
HIST	History
HLTH	Health
HNRS	Honors
ICIC	Integrated Curriculum
ICSM	Ithaca Seminar
IISP	Individual and Interdisciplinary Studies Program
INST	Integrative Studies
INST	Integrative Studies
INTB	International Business
ITAL	Italian
JAZZ	Jazz Studies
JOUR	Journalism
JWST	Jewish Studies
LATN	Latin
LGST	Legal Studies
LNGS	Languages
MASS	Media Arts, Sciences, and Studies
MATH	Mathematics
MGMT	Management
MKTG	Marketing
MSRT	Music Sound Recording Technology
MUED	Music Education
MUEN	Music Ensembles
MUMC	Additional Music Courses
MUNM	Courses for the Non-Music Major
MUPS	Music Performance Studies
MUTH	Music Theory, Sight-Singing, and Composition; Music History and Literature
OTBS	Occupational Therapy
OTMS	Occupational Therapy (Graduate)
PALS	Physical Activity, Leisure, and Safety
PDPT	Physical Therapy (Doctorate)
PFMJ	Music - Performance Study, Major
PFNM	Music - Performance Study, Nonmajor
PFSM	Music - Performance Study, Secondary
PHED	Physical Education

PHIL	Philosophy
PHYS	Physics
POLT	Politics
PSYC	Psychology
PTBS	Physical Therapy
RLS	Recreation and Leisure Studies
RLST	Religious Studies
SLPA	Speech-Language Pathology and Audiology
SOCI	Sociology
SPAN	Spanish
SMGT	Sport Management
SPME	Sports Media
SPST	Sport Studies
STCM	Strategic Communication
THEA	Theater Arts
TVR	Television-Radio
WMST	Women's Studies
WRTG	Writing

Key to Symbols

F	Fall
S	Spring
Sum	Summer
E	Even (e.g., academic year 2006-2007)
O	Odd (e.g., academic year 2007-2008)
Y	Yearly
IRR	Irregular
F-S	Offered in both fall and spring semesters
GPA	Grade point average
B	Block course
R	Course must be taken at Ithaca College
LA	Liberal arts
NLA	Not liberal arts
FA	Fine arts
HU	Humanities
NS	Natural sciences
SS	Social sciences
U	Undesignated
HNS	Honors Course

ICC Requirement Categories and Designations

TIDE	Theme: Identities
TIII	Theme: Inquiry, Imagination, Innovation
TMBS	Theme: Mind, Body, Spirit
TPJ	Theme: Power and Justice

TQSF	Theme: Quest for a Sustainable Future
TWOS	Theme: World of Systems
CA	(ICC) - Creative Arts
HM	(ICC) - Humanities
SC	(ICC) - Natural Sciences
SO	(ICC) - Social Sciences
CP	(ICC) - Capstone
DV	(ICC) - Diversity
QL	(ICC) - Quantitative Literacy
WI	(ICC) - Writing Intensive

Course Linkages

/	between two course numbers means that either course may be taken.
-	between course numbers mean that both courses must be taken in that order.

In addition to the courses listed in this catalog, others may be offered on an experimental basis. Details are available via Homer Connect, as well as in the Humanities and Sciences Supplement for the semester in which they are given. (<https://homerconnect.ithaca.edu>, <http://www.ithaca.edu/hs/resources/supplement> (<http://www.ithaca.edu/hs/resources/supplement/>), <http://www.ithaca.edu/registrar/>)

Accounting (ACCT)

ACCT 10000 Fundamentals of Federal Income Taxation of Individuals (NLA)

An introduction to the issues encountered in personal income taxation. This course will present a practical approach that will prepare students to participate in the volunteer income tax preparation program and to prepare their own tax returns; credits earned in this course will not count toward an accounting degree requirement. This is a block I course. Prerequisites: BINT 10100 or MGMT 11100; not open to students with junior or senior standing. (IRR)
Attributes: SL
1.5 Credits

ACCT 10100 Service Learning Tax Practicum (NLA)

A supervised work experience in tax return preparation at the basic level for the Ithaca College and surrounding community. Students must successfully pass the IRS VITA (Volunteer Income Tax Assistance) tax preparer exam at the basic level; credits earned in this course will not count toward an accounting degree. This is a block I-only course. Prerequisites: ACCT 10000; not open to students with junior or senior standing. (IRR)
Attributes: SL
1.5 Credits

ACCT 10300-10305 Minicourses in Accounting (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)
1.5 Credits

ACCT 22400 Reporting and Decision Making in Integrated Marketing Communication (NLA)

Theory and procedures used to gather financial information and to present formal financial statements of a business enterprise. Emphasis on analyzing decision-making situations and the use of quantitative techniques used in financial and managerial accounting. Prerequisites: STCM 10300; sophomore standing. Enrollment limited to CMD and IMC majors. (Y)
3 Credits

ACCT 22500 Financial Accounting (NLA)

Introduction to the basic measurement and reporting concepts underlying the accounting system for communicating financial information to users external to the organization and to internal managers. Topics include information processing, preparation of financial statements, the role of ethics in accounting decisions, analysis of financial data, and valuation and reporting issues for assets, liabilities, stockholders' equity, revenues, and expenses. Projects require team activities and written reports. Prerequisites: One course in Business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT or Sophomore standing. (F-S,Y)
Attributes: UND
3 Credits

ACCT 22600 Management Accounting (NLA)

Study of the uses of accounting information in managerial decision making, planning, and control within the firm. Areas examined are cost estimation; budgets; short-, intermediate-, and long-term planning; product costing; and special reports for managerial use. Emphasizes the uses of accounting outputs in the decision-making process rather than the concepts and methodology of accumulating accounting information. Projects include the use of basic computerized spreadsheets. Prerequisites: ACCT 22500. (F-S,Y)
3 Credits

ACCT 31500 Cost Analysis and Decision Making (NLA)

A study of various cost systems, theories, and models of cost and revenue behavior. The course focuses on cost management, cost analysis, and both structured and unstructured decision making with cost information. Product costing and the interface with the financial reporting system will also be covered. Prerequisites: ACCT 22600; junior standing. (S,Y)
3 Credits

ACCT 32000 Accounting Information Systems (NLA)

Acquaints students with the functions, design, implementation, and documentation of information systems. The general topic of information systems, focusing on accounting applications (both financial and managerial), is covered. Extended coverage of transaction processing, internal controls, and computer security. Prerequisites: COMP 11000 or COMP 17100; ACCT 22600; junior standing. (IRR)
3 Credits

ACCT 34500 Intermediate Accounting I (NLA)

This course covers essential topics related to balance sheet valuation and income measurement. Includes an overview of generally accepted accounting principles, financial statements, cash, accounts receivable, inventories, operating assets, current and long-term liabilities, cash flows, and revenue recognition. Prerequisites: ACCT 22500; sophomore standing. (F,Y)
3 Credits

ACCT 34600 Intermediate Accounting II (NLA)

This course is a continuation of ACCT 34500 Intermediate Accounting I. It covers complex topics related to balance sheet valuation and income measurement and includes both topical coverage and reporting considerations. Students are expected to deal with detailed pronouncements and the advanced concepts in Intermediate Accounting, such as accounting for pensions, income taxes, earnings per share, and accounting changes. Reporting issues and requirements are also covered. Prerequisite: ACCT 34500 and sophomore standing. (S,Y)
3 Credits

ACCT 39700 Selected Topics in Accounting (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)
1-3 Credits

ACCT 40200 Advanced Accounting (NLA)

In-depth analytical study of special problems in financial accounting. Continuous emphasis is placed on the relationship between theory and practice to reflect the latest professional pronouncements. Highly technical topics related to corporation, partnership, government, and not-for-profit organizations, including consolidation, branch and consignment, reorganization and liquidation, foreign transactions, and essentials of accounting for governmental and not-for-profit organizations. Prerequisites: ACCT 34600. (IRR)
Attributes: UND
3 Credits

ACCT 40600 Auditing (NLA)

Theory of independent examinations of financial statements. Discussion of relationships with clients; working papers; audit procedures, including evaluations of internal control; accounting principles; preparation of reports; accountant's liability; and professional ethics. Prerequisites: ACCT 34500; junior standing. (F,Y)
3 Credits

ACCT 49300 Tax Accounting (NLA)

Introductory course in taxation covering structure of present tax law; bases for income tax computations; and concepts of gross income, adjusted gross income, deductions, exemptions, and credits. Emphasis is on tax questions and problems relating to individuals. A student may not receive credit for both this course and ACCT 31100. Prerequisites: ACCT 22500; junior standing. (F,Y)
3 Credits

ACCT 49400 Advanced Tax Accounting (NLA)

Advanced study of income tax provisions relating to individuals, corporations, and partnerships. Sophisticated tax provisions, such as corporate liquidations, capital charges, stock options, and pension plans. Solutions to complex tax problems through use of a tax service; practical experience in locating applicable code sections, regulations, IRS rulings, and court decisions; class presentations. Prerequisites: ACCT 49300; junior standing. (IRR)
Attributes: UND
3 Credits

ACCT 49600 Practicum in Tax Accounting (NLA)

Supervised work experience in tax return preparation and tax advocacy that mirrors tax practice in accounting firms. Students undertake an intensive course preparing tax forms for individuals and must successfully pass the IRS VITA volunteer tax preparer exam. Students then are responsible for maintaining the professional requirements of the established tax practice. Tax returns are computerized and electronically filed. Students and faculty utilizing collaborative learning strategies provide tax advocacy and disseminate information to taxpayers who have English as a second language. Professional skills are emphasized. Prerequisites: ACCT 49300 or junior standing with instructor permission. (S,Y)
Attributes: SL
3 Credits

ACCT 49700 Selected Topics: Accounting (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)
1-3 Credits

ACCT 49800 Internship with Academic Enhancement (NLA)

Off-campus experience involving varied, nonroutine work projects designed to allow students to synthesize academic theory with real-world operations of an organization. Primary responsibility is on the student to develop a project proposal and then carry out its requirements in conjunction with a faculty sponsor. Internship credit falls under the business elective category in the degree requirements. A maximum of may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Prerequisites: Senior standing; completion of appropriate principles course; a minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W)
1-6 Credits

ACCT 49900 Independent Study: Accounting (NLA)

This course allows students to work with faculty on an individual basis, focusing on a topic of interest to both the student and faculty. The content of the course, coverage, delivery format, and the method of determining grades will be mutually agreed upon and must be included in the course proposal submitted along with the independent study form for approval by the dean. Guidelines are available in the School of Business dean's office. A variable amount of credit may be earned toward the degree. Students must have a 3.00 cumulative grade point average and must have completed at least in the subject matter. Prerequisites: Dean permission. (B,IRR,U,Y)
1-3 Credits

Anthropology (ANTH)

ANTH 10100 Anthropology of the World: Explorations in Cultural and Biological Diversity (LA)

Introduces cultural and biological diversity through the integrative and holistic approach of cultural anthropology, linguistics, biological anthropology, and archaeology. Explores how people from different cultures, both past and present, understand, navigate, and interact with their worlds. Introduces the basics of evolutionary theory and explores the ecology and behavior of humans, their ancestors and their primate relatives. Examines archaeological evidence of key moments in our history, e.g. advent of bipedalism, the origins of agriculture, and the creation of cities and states. (F,S,Y)

Attributes: SC, SO, TIDE, TIII

3 Credits

ANTH 10300 Biological Anthropology (LA)

Introduces the study of humans as biological beings, including evolutionary principles, primate behavior, the fossil record of human evolution, and biological variation in modern populations resulting from various factors. (F,S,Y)

Attributes: 2A, NS, SC, TIII

3 Credits

ANTH 10400 Cultural Anthropology (LA)

Explores the diversity of the world's societies, including "primitive" hunter-gatherer societies, herding pastoralists, peasant agriculturalists, and industrial peoples in rural and urban places. It emphasizes the role of culture in shaping human adaptations and human actions, and promotes understanding of other cultures. This course examines the way anthropologists do fieldwork, and looks at the contributions anthropology can make to an understanding of modernization, social change, urbanization, race relations, and cross-cultural communication. Reflecting the research experiences of individual professors, different sections of this course emphasize different cultures or regions of the world. (F,S,Y)

Attributes: 1, G, SO, SS, TIDE, TWOS

3 Credits

ANTH 10700 World Archaeology (LA)

Discusses the major achievements of prehistoric humans -- from the beginning of culture circa 2.5 million years B.C. to the rise of the earliest civilizations a few thousand years ago. (F,S,Y)

Attributes: 1, G, H, SO, SS, TIII, TWOS

3 Credits

ANTH 11500 Box Office Archaeology: Movies, Mummies, and the Real Indiana Jones (LA)

Explores film-based consideration of archaeology and archaeologists. Focuses on how archaeology is portrayed in visual media through time, and how media have affected archaeology, the human past, and popular culture. The romanticized image of archaeology is compared with scientific realities, specifically the nature of archaeological data, theory, field methods, and analytical techniques. (S,Y)

Attributes: SO, SS, TIII

3 Credits

ANTH 14500 Service Learning in Native America (LA)

Field-based introduction to the history, struggles, and contemporary efforts at revitalization of Native American communities, with a focus on contributing and giving back to local Native cultures. Reading combined with hands-on activities and field experiences in the homeland of Native Americans. (U,Y)

Attributes: SO, SS, TPJ

3 Credits

ANTH 15400 Crossing Cultures: The Anthropology of International Travel (LA)

Examines tourism and travel in their various forms and the issues raised, including tourism's social impact and role in globalization, and introduces an anthropological perspective on the process of crossing cultures. In addition, the course explores such anthropological concepts as culture, ethnocentrism, cultural relativism, value conflict, and culture shock, relying on both first-person and novelistic accounts by anthropologists and other travelers, as well as analyses by tourism professionals. In the process, students consider the qualitative difference between tourism and travel -- from the perspective of both hosts and guests -- with a goal of becoming more introspective tourists and travelers. (IRR)

Attributes: SO, TWOS

3 Credits

ANTH 19000 Selected Topics in Anthropology (LA)

Special courses may be offered at the introductory level that encompass broad anthropological interest or issues. This course may be repeated for credit for different selected topics. (IRR)

Attributes: 1, G, H, SS

3 Credits

ANTH 20000 Writing & Citing Anthropology (LA)

Focuses on the conventions for writing and referencing in the discipline of anthropology. Includes instruction in 1) finding and evaluating components of scholarly resources in anthropology, and how to cite them appropriately and correctly; 2) formulating anthropological questions and constructing effective arguments as part of research-based writing; and 3) understanding and applying the IMRaD (Introduction, Methods, Results, and Discussion) model of scientific writing. Prepares students for upper-level research courses in anthropology. Prerequisites: ANTH 10300 or ANTH 10400 or ANTH 10700; and WRTG 10600 or ICSM 10800 or ICSM 11800. (B,Y)

1 Credit

ANTH 21100 Introduction to Primates (LA)

This is a survey course of the mammalian order Primates (lemurs, monkeys, and apes). After an introduction to general primate evolution, taxonomy, phylogeny, and characteristics, a different taxonomic group is reviewed each week. Topics such as the geographic distribution, anatomy, behavior, ecology, and conservation status of the focal taxa are discussed. Students also learn behavioral observation methodology and conduct a zoo study on the nonhuman primate and topic of their choice. This course satisfies the biological anthropology requirement. Prerequisites: ANTH 10300 or BIOL 12200 or BIOL 27100. (IRR)

Attributes: 2A, AN2, NS

3 Credits

ANTH 22500 South Asia: India and Its Neighbors (LA)

Exploration of cultural diversity in South Asia with focus on India; introduction to Pakistan, Bangladesh, Sri Lanka, Nepal, and the Tibetan diaspora. Background survey of the subcontinent's ecology and history provides a framework for examining themes of unity and diversity in contemporary village life, urbanization, family and gender relations, caste and class, religion and ritual, classical and folk arts, cinema, and movements for social change. This course satisfies the cultural anthropology requirement and counts towards the theory requirement for majors. Prerequisites: ANTH 10400. (F or S,Y)

Attributes: 1, AN3, AN4, G, SS

3 Credits

ANTH 22600 East Asia: Gender and Identity (LA)

Study of race and gender relations in East Asia from a comparative perspective that goes beyond dichotomies of East and West. Examination of the dynamics of gender and race in the contemporary world. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400. (IRR)

Attributes: AAPL, AASE, AN3, AN4, SS, WGS

3 Credits

ANTH 22800 Critical Issues in Asian America (LA)

Focuses on Asian American experiences and identities past and present within the framework of anthropological concepts including ethnicity, race, authenticity, and transnationalism. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400. (IRR)

Attributes: AACH, AASE, AN3, RPRE, SO, SS, TIDE, TPJ

3 Credits

ANTH 24000 Environmental Archaeology: Human Impact in the Past and Present (LA)

This course examines the interrelationship between humans and their environments from a long-term archaeological perspective. This course emphasizes archaeological, geological, and botanical methods and analytical techniques used for long-term environmental reconstruction. Cross-listed as ENVS 24000. Students may not earn credit for ENVS 24000. This course satisfies the archaeology requirement. Prerequisite: ANTH 10400 or ANTH 10700. (S,Y)

Attributes: ABSS, AN1, ENSS, ESSS, SS

3 Credits

ANTH 24100 Continuity and Change in African Cultures and Societies (LA)

This course examines social and cultural dynamics across Africa focusing heavily on anthropological and historical perspectives on cultural continuity and change. Topical areas include: anthropological theory; religion; kinship patterns; political systems; colonialism and post-colonialism; sustainable development; humanitarian aid; and globalization. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400. (F,O)

Attributes: AACI, AASE, ADCI, ADSE, AN3, RPRE, SO, TIDE, TPJ

3 Credits

ANTH 25000 Human Biological Diversity (LA)

Focuses on human biological variation from a biocultural perspective that examines the interplay between cultural, biological, and environmental variables. Topics covered will include traits of inheritance, human biological variability and behavior, and adaptations/maladaptations to various ecosystems and sociocultural environments. This course satisfies the biological anthropology requirement. Prerequisites: One of the following: ANTH 10300, ANTH 10400, BIOL 12100, BIOL 12200, BIOL 27100. (E,S)

Attributes: 2A, AN2, NS, SC, SO, TPJ

3 Credits

ANTH 25500 The Human Journey: Exploring Our Evolution (LA)

This course examines how humans evolved anatomically, biologically, behaviorally, and culturally (e.g., tool technologies) over the last seven million years. The course tracks major events and evidence for human origins, with an emphasis on the reconstruction of behavior from paleontological and anatomical remains, and reviews recent finds, examines casts of fossils, and discusses the evidence for competing theories concerning our hominid ancestors. Prerequisites: One of the following: ANTH 10300, BIOL 12100, BIOL 12200, BIOL 22700. (F,O)

Attributes: 2A, AN2, NS, SC, TWOS

4 Credits

ANTH 25600 Bioarchaeology: Interpreting History from Bones (LA)

Explores how the analysis of human skeletal remains informs our understanding of the social processes and behaviors that influenced bodies and biologies in the past. We examine diverse beliefs regarding the body and how these impact mortuary practice and treatment, and review the methodologies employed by bioarchaeologists to analyze human bones for evidence of violence, disease, and technology. This course integrates the archaeological, cultural, and biological anthropology disciplines. Prerequisites: One of ANTH 10100, ANTH 10300, ANTH 10400, or ANTH 10700. (E,S)

Attributes: AN1, AN2, AN3

3 Credits

ANTH 26000 Anthropology of Sex and Gender (LA)

Examines anthropological approaches to the study of sex (the genetic distinctions among male, female, intersex, and other biological variants), and gender (the socially and culturally constructed ideas about masculine, feminine, and gender variations beyond the binary). References evolutionary theory (e.g., sexual selection), primatology models, human origins research, gender differences in the public and private domain, feminist theory, cross-cultural gender variance, sexuality, gender identity, the controversy over sex differences in learning, and gender stereotypes in the media. This course counts toward the theory requirement for majors. Prerequisites: ANTH 10300 or ANTH 10400. (IRR)

Attributes: AN2, AN3, AN4, DV, SC, SO, TIDE, TPJ, WGSJ

3 Credits

ANTH 26500 The Inkas and Their Ancestors (LA)

An examination of the prehistory of the South American continent from the earliest evidence of occupation until the appearance of Europeans in the 16th century. Emphasis is placed on the cultural developments of western South America, especially Peru, due to the extensive archaeological record in that area; those cultural developments are placed in the context of the prehistory of the rest of the continent as well. Particular attention is paid to the mechanisms of cultural adaptation and cultural evolution. This course satisfies the archaeology requirement.

Prerequisites: ANTH 10400 or ANTH 10700 and WRTG 10600 or equivalent. (S,O)

Attributes: AN1, G, H, LAEL, SO, TIII, TWOS, WI

3 Credits

ANTH 26900 Mesoamerican Cosmology and Culture (LA)

An examination of the origins and development of the Aztec, Maya, and other civilizations of Mexico and Central America, from the first human occupation of the region to the Spanish Conquest. The course uses evidence from archaeology, Precolumbian art and text, and European ethnohistorical documents to reconstruct the worldview and lifeways of ancient Mesoamerican cultures, and to examine the processes that propelled their evolution. This course satisfies the archaeology requirement. Prerequisites: ANTH 10400 or ANTH 10700; and WRTG 10600 or ICSM 10800 or ICSM 10500. (IRR)

Attributes: AN1, WI

3 Credits

ANTH 27000 North American Indians (LA)

Seminar on Indian culture and background, as well as contemporary Indian problems in the continental United States. Readings on the rich and varied heritage of American Indians research and presentations on current problems facing specific Indian groups. Prerequisites: ANTH 10400. (Y)

Attributes: 1, AN3, H, SS

3 Credits

ANTH 27300 The Iroquois and Their Neighbors (LA)

Traces the development and current state of the Iroquois people, a vibrant and powerful Native American society of the Northeast. Looks at how the Iroquois developed out of earlier societies and what role European contact played in their development. A substantial part of the course will be an assessment of the Iroquois today, including their social, economic, and political institutions. Additional information on neighboring societies, past and present, and their interactions with the Iroquois will also be addressed. Prerequisites: ANTH 10400. (IRR)

Attributes: 1, AN1, DV, H, NAPL, SO, SS, TIDE

3 Credits

ANTH 27500 North American Archaeology (LA)

A survey of the origin and development of native North American cultural from their appearance on the continent to their contact with Europeans. In addition to describing North American culture history, the course aims to instill in students an appreciation for the diversity and accomplishments of Native American cultures. Topics to be discussed include when humans arrived in North America, the origins of agriculture, and the rise of complex societies. This course satisfies the archaeology requirement. Prerequisites: ANTH 10400 or ANTH 10700. (Y)

Attributes: 1, 2A, AN1, H, NACH, SS

3 Credits

ANTH 27700 Native Americans and the Environment (LA)

This course gives a range of perspectives on the relationships between Native Americans and the environment revolving around anthropological concepts, such as culture, ecology, and colonialism. Based on the centrality of land to Native culture and the connections between land and the sacred, students explore how land-people relations were reworked and misinterpreted following Western colonization. Topics include environmental racism, environmental justice, and the influence of government policies regarding Native access, use, and control of indigenous lands. Case studies from throughout North America, including upstate New York, exemplify conflicts over Native sacred sites and instances where Native people are revitalizing their cultures, co-managing lands such as national parks, and developing educational outreach programs. This course satisfies the cultural anthropology requirement.

Prerequisites: ANTH 10400. (S,E)

Attributes: 1, AN3, ENSS, ESSS, SO, SS, TPJ

3 Credits

ANTH 27800 Northeastern Native Americans: Past and Present (LA)

An examination of the past and present of indigenous peoples throughout northeastern North America. A background survey of the archaeological chronology covers groups ranging from hunter-gatherers to great confederacies. Themes that cut across time periods and regions of the Northeast are studied, such as cultural ecology, resource use, gender, migrations, plant cultivation, ritual, ideology, and politics. The effects of the Euro-American contact period and the Revolutionary War are examined. Local contemporary issues discussed include revitalization movements, land claims, gaming, and the negotiation/survival of tradition. Prerequisites: ANTH 10400 or ANTH 10700. (F,E)

Attributes: AN1, AN3, NAPL, SS

3 Credits

ANTH 28100 Anthropology of Hawaii (LA)

An anthropological examination of the history and cultures of Hawaii from the original Hawaiian settlement to the present day, covering general themes such as religion, language, farming, performance arts, and political life. In addition, Western colonialism, the arrival of Christian missionaries, the creation of sugar plantations, and American annexation are examined as major forces for cultural destruction and transformation. Attention is paid to the significance of immigrant populations from such places as the United States, China, and Japan and their roles in this historic transformation of Hawaii. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400 or ANTH 10700. (F,E)

Attributes: AN3, DV, NACL, SS

3 Credits

ANTH 28300 Integrative Health Care in American Culture (LA)

Utilizes a cultural framework to analyze the rapidly expanding and dynamic arena of alternative, complementary, and integrative health care in the United States. Through an anthropological lens, the course examines the history, scope, cross-cultural bases, and theoretical foundations of the many healing modalities that are employed in integrative approaches, including Chinese medicine, Ayurveda, Native American healing, herbalism, chiropractic, naturopathy, and homeopathy. Multiple paradigms of health and culture are examined, identifying areas of debate and convergence. Both quantitative and qualitative approaches to the study of health, culture, and society are examined, in addition to the politics of integrative health care as it relates to political economy, licensing, status, ethnicity, and gender. This course satisfies the cultural anthropology requirement. Prerequisites for anthropology majors and minors: ANTH 10400. Prerequisites for others: Sophomore standing; one introductory course in the social sciences. (F-Y)

Attributes: AN3, SS

3 Credits

ANTH 28700 Ethnomusicology Lab (LA)

Experiential lab in anthropology and ethnomusicology providing a forum for students to acquire 'hands-on' musical skills in indigenous musical systems. Focus on cultural expression through music in non-western contexts. Open to students with no previous musical training or practical experience. Fees for trips and music lab. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400. (S,Y)

Attributes: 3B, AN3, CA, SO, SS, TMBS

3 Credits

ANTH 28800 The Theory and Practice of Anthropology (LA)

This course provides a history of the field of anthropology, from its origins through the late 20th century. It focuses on major themes and schools of thought that have influenced the direction and perspective of anthropologists. The course covers major trends in cultural anthropology, archaeology, and biological anthropology to provide the historical background and theory that a serious student of anthropology should have. Prerequisites for anthropology majors and minors: ANTH 10400. This course counts towards the theory requirement for majors. Prerequisites for others: Sophomore standing; WRTG 10600 or ICSM 10800 or ICSM 11800; permission of instructor. (S,Y)
Attributes: AN4, SS, WI
3 Credits

ANTH 29000-29012 Seminar in World Ethnography: Selected Topics (LA)

Focus on particular geographic areas not generally covered in other upper-level regional courses, such as Polynesia, Latin America, and the Middle East. Prerequisites: ANTH 10400. (Y)
Attributes: AACI, SS, WGS
3 Credits

ANTH 30000 Integrating Anthropology (NLA)

Explores the interdisciplinarity of anthropology. Emphasizes student reflection on their individual courses and how the perspectives, methodologies and practices from other disciplines may be integrated with anthropology to address world issues (e.g. racism as a public health crisis; primate conservation; inclusivity in cultural heritage). Prerequisites: ANTH 10100 and three courses with an AN1, AN2, AN3 or ANM attribute. (B,E,S)
1 Credit

ANTH 30200 Ethnographic Field Methods (LA)

Explores the ways that cultural anthropologists obtain and interpret ethnographic data during fieldwork. Topics include history of anthropological methods; methods of collecting and analyzing data; ethics of research; and creating a research proposal. Prerequisites: ANTH 10400 and one 200 level anthropology course. Anthropology majors only. (S, Y)
Attributes: ESTS, SS
4 Credits

ANTH 30500 Archaeological Methods and Techniques (LA)

Focus on the ways that archaeologists discover, analyze, interpret, and explain the lifestyles of past cultures. The course is arranged in the way that archaeologists approach the solution of a research problem. Topics include the nature of archaeological evidence, how data are obtained through survey and excavations, the many kinds of analysis that archaeologists use to identify past lifeways, the techniques of dating sites, and how entire prehistoric culture systems are reconstructed. Also included are discussions of the use of theory in explaining cultural change and cultural processes, the field of cultural resources management, and ethics in archaeology. Prerequisites: ANTH 10400 or ANTH 10700 and either one 200-level anthropology course or junior standing and one additional social science course. (F,E)
Attributes: NS
4 Credits

ANTH 30800 Methods in Field Primatology (LA)

Provides training in the various stages of the research process used in the study of primate behavioral ecology. Includes laboratory instruction on observational methodology and ecological assessment, applied through a series of associated exercises. Includes guidance on developing research topics and hypotheses, data collection, analyses, and presentation of research results. Students will conduct a research project in primatology. Students are responsible for nominal fees associated with laboratory field trips. Prerequisites: ANTH 10300 and one 200-level course in BIOL, ANTH, or ENVS, or permission of instructor. (F,O)
Attributes: NS
4 Credits

ANTH 30900 Bioarchaeology and Forensic Anthropology Methods (LA)

Explores the research designs, methods, and analyses used in anthropological skeletal analysis. Grounded in scientific theories, students gain hands on experience in search and recovery procedures, excavation, assessment of time since death, biological profile, pathology, and cause of death. Outdoor mock investigations, labs, and use of various technologies associated with skeletal recovery and assessment. Prerequisites: ANTH 10300 and one 200 level in ANTH or BIOL; or permission of instructor. (F,E)
Attributes: QL
4 Credits

ANTH 31000 Culture and Personality (LA)

Effect of various cultural systems on the development of individual personalities and the influence of the individual on his or her cultural environment. Cultural patterning of sex roles; social influences on cognition and perception; development of language and thought systems in childhood socialization; cultural handling of aggression; problems in the description of personality; cultural concepts of "normal" and "abnormal" behavior; cultural use of mind-altering substances (drugs, alcohol) that affect personality; and how people define and respond to stress, tension, and change in different cultures. This course satisfies the cultural anthropology requirement for majors. Prerequisites: ANTH 10400; sophomore standing. (IRR)
Attributes: AN3, SS
3 Credits

ANTH 31100 Primate Behavior and Ecology (LA)

Primates are among the most social animals. Why do nonhuman primates behave as they do? This course seeks to answer this question by reviewing the extensive variation in primate behavior and ecology and the evolutionary basis of the differences. The emphasis is on understanding the adaptive significance of the many diverse facets of primate social behavior within an ecological context. The class highlights current research issues in the field of primate behavioral ecology and examines how research is conducted and reported. Students will conduct a zoo observation study on the nonhuman primate and behavioral topic of their choice. This course satisfies the biological anthropology requirement. Prerequisites: ANTH 10300 and either ANTH 21100 or BIOL 27100. (IRR)
Attributes: 2A, AN2, AN4, NS
3 Credits

ANTH 31500 Animals & Human Exceptionalism (LA)

Explores the historical and current relationship between nonhuman animals and humans, focusing on anthropogenic influences on animal welfare, conservation, and interpretations of animal cognition and emotions. Examines the concept of human exceptionalism, the belief that humans have special status or value among all biodiversity based on our unique capacities, and how this has influenced societal attitudes and actions towards nonhuman animals, both wild and domestic, in different parts of the world. Discusses how the evolutionary success of the human species has negatively impacted animal species globally. Prerequisites: Any ANTH course at 200-level or higher. (O,S)

Attributes: AN2, AN3

3 Credits

ANTH 32000 Anthropology of Religion (LA)

The religious experience from the standpoint of ethnographic field studies and from various theoretical approaches. Examines the relationships among religion, culture, and society. Explores the evolution of the anthropological study of religion. This course satisfies the cultural anthropology and theory requirements for Anthropology majors.

Prerequisites: ANTH 10400. (IRR)

Attributes: AN3, AN4, RSEA, SS

3 Credits

ANTH 33500 Women and Culture (LA)

The lives of women vary considerably cross-culturally. This course explores the nature of this variation as well as the cultural construction of gender roles. Special attention is given to the relationship between gender roles and economics, politics, power, authority, religion, and family life. Using case studies from various regions of the world, including the United States, the course examines how women's lives are affected by their social status, race, ethnicity, and position in the life cycle. This course satisfies the cultural anthropology requirement for majors.

Prerequisites: ANTH 10400; Sophomore standing. (IRR)

Attributes: 1, AN3, SS, WGS, WGS3

3 Credits

ANTH 34000 Aging and Culture (LA)

Aging is a universal experience, but its meaning differs dramatically in various societies. The impact of culture on late life is explored in primitive, peasant, third world, European, and American societies. Emphasis is given to how cultural, ecological, and value systems affect longevity; the control of power and wealth in late life; the degree to which the elderly are isolated from or engaged in their communities; and the influence of older people's gender on family, social, and religious roles. The implications of these factors for policy decisions are also explored. This course satisfies the cultural anthropology requirement.

Prerequisites: ANTH 10400, or two courses in gerontology. (Y)

Attributes: AN3, SS

3 Credits

ANTH 36000 Anthropological Approaches to Sustainable Community Development (LA)

In this applied anthropology course we problematize long standing strategies for prioritizing and implementing social, economic and environmental development policies that have guided national and international development communities. We examine the nature of development strategies (economic, social, health, etc.) locally and across the globe, and in the wake of emerging processes of modernization and globalization. We emphasize strategies that are culturally appropriate, and environmentally and economically sustainable. Students cannot receive credit for both ANTH 36000 and ANTH 37000, as the material covered has significant overlap. Prerequisites: ANTH 10400 and junior standing, or permission of instructor. (F,E)

3 Credits

ANTH 36400 From Equal to Unequal: New World Transformations (LA)

The origins and evolution of civilizations and other complex societies in two areas of the New World: prehistoric Mexico and Peru. The course focuses on select cultures, including the Maya, Aztec, and Inca, that followed different paths to achieve a high level of cultural development. Factors important in this development, including the environment, social systems, religion, and politics, are discussed. The course explores why these societies developed in order to grasp the relationships that hold a society together or tear it apart. This course satisfies the archaeology requirement and counts towards the theory requirement for majors.

Prerequisites: WRTG 10600 or ICSM 10800 or ICSM 11800; ANTH 10400 or ANTH 10700 and either one 200-level anthropology course or junior standing and one additional social science course. (S,E)

Attributes: AN1, AN4, DV, LAEL, LXME, RPRE, WI

3 Credits

ANTH 36600 Anthropology of US Military (LA)

Examination of the U.S. military on a variety of levels, including international, national, social, popular, and individual. Discussion of debates on the use of anthropology in the military, and the links between anthropology and empire-building. This course satisfies the cultural anthropology requirement for majors. Prerequisites: ANTH 10400 and one 200-level cultural anthropology course. (IRR)

Attributes: AAPP, AN3, AN4, LSPP, SS

3 Credits

ANTH 37000 Applied Anthropology (LA)

Examination of a major new career field in anthropology, comparing the activist role of the applied anthropologist with the research orientation of much of the discipline. Manner in which the perspectives, field methods, and cultural knowledge of anthropologists have been applied in planning, implementing, and evaluating economic and social change projects.

Case studies documenting the complexity of projects suggest the risks, demands, and challenges of applied anthropology, as well as the potential for ethical conflict and failure. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400 and either one 200-level anthropology course or junior standing and one other social science course. (F or S,Y)

Attributes: AN3, AN4, ENSS, ESSS, SS

3 Credits

ANTH 37100 Field School in Biological Anthropology (NLA)

This field course involves travel to an off-campus location to learn about one (or more) subdisciplines within the subfield of biological anthropology. Field schools may focus on anatomy, forensic anthropology, paleoanthropology, primatology, or another subdiscipline. Students will employ the methods used by researchers in the field and actively collect data. Students also will learn how to summarize data and present results. May be repeated up to a maximum of six credit hours. Additional costs to students will include travel to field site, living expenses, and research-related activities. Prerequisites: Permission of instructor. May be taken for one to six credits, depending on the nature of the field school. (IRR)

Attributes: 2A

1-6 Credits

ANTH 37200 Native American Women and Culture (LA)

This seminar examines the diversity and commonalities of Native women's voices and experiences in multiple cultural contexts. This course explores the representation and misrepresentation of Native women by missionaries, colonists, historians, writers, and anthropologists. Perspectives of Native women as anthropologists, authors, clan mothers, and storytellers are emphasized. Political, economic, and spiritual roles of Native American women are discussed, with an emphasis on the Haudenosaunee (Iroquois). Other topics include mythology, health and healing, and the contributions of Native women to the American feminist movement, human rights, and environmental activism. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400; Sophomore standing. (F,O)

Attributes: 1, AN3, NACH, SS

3 Credits

ANTH 37400 Archaeological Field School (NLA)

Experience in archaeological fieldwork. Training in the basic techniques of archaeological research design, reconnaissance, survey, mapping, excavation, and basic field laboratory methods. Use of a transit, laying out of grids, and identification of different kinds of archaeological data, such as ceramics, lithics, features, and ecofacts will be covered. Prerequisites: ANTH 10400 or ANTH 10700, and either a 200-level anthropology course or junior standing with one additional course in the social or natural sciences. Travel and living expenses will be responsibility of student. (SUM, IRR)

6 Credits

ANTH 37500 Environmental Anthropology (LA)

Examination of the cultural dimensions of the sustainable use and management of natural resources in the context of global efforts to effect social change and economic development. Much of the focus is on less-developed countries' indigenous peoples, rural peasants, urban underclass, and their ethnoecologies. Critical attention is also paid to industrialized nations' impact on peoples and cultures of the third world and to their role as dominant forces in establishing global environmental policy. Included in the course are case studies of the United States' "culture of consumption," an examination of the relationship between development and the environment, and a discussion of public policy alternatives. This course satisfies the cultural anthropology requirement and counts towards the theory requirement for majors. Prerequisites: ANTH 10400 and either one 200-level anthropology course or junior standing and one other social science course. (F or S,Y)

Attributes: 1, AN3, AN4, ENSS, ESSS, G, SS

3 Credits

ANTH 37700 Biology of Poverty (LA)

Examination of the biological effects of poverty in historic and modern human populations with a focus on how sociocultural and political-economic processes affect local human biologies. Case studies drawn from Europe, Asia, Africa, and the Americas, with emphasis on such common biological consequences of poverty as workload stress, infectious disease, malnutrition, and injury due to violence. This course satisfies the biological anthropology requirement and counts towards the theory requirement for majors. Prerequisites: ANTH 10300; WRTG 10600, ICSM 108xx or ICSM 118xx; and junior standing. (IRR)

Attributes: AN2, AN3, AN4, SS, WI

3 Credits

ANTH 37800 Anthropology of Music (LA)

This course provides an introduction to ethnomusicology and explores how music creates and reflects culture and society. Through case studies from different countries, students will explore ethnomusicological theories and techniques and gain an appreciation for the wide range of musical styles. Issues that may be addressed include social status of musicians, music and identity, the relationship between musical and social structure, music and cosmology and transnational music. This course satisfies the cultural anthropology requirement and counts towards the theory requirement for majors. Prerequisites: ANTH 10400; Sophomore standing. (IRR)

Attributes: 3B, AACI, AN3, AN4, G, SS

3 Credits

ANTH 38000 Medical Anthropology (LA)

Healing traditions, beliefs, and practices from around the globe are explored through the lens of anthropological practice, methods and theories. Healing modalities based in the scientific tradition are examined and contrasted with other cross-cultural traditions. Symbolic and religious perspectives on health, gender, and the body are also explored. This course counts toward the cultural anthropology and theory requirements for majors. Prerequisites: ANTH 10400, and one 200-level anthropology class. (IRR)

Attributes: AN3, AN4, SS

3 Credits

ANTH 38100 Anthropological Experience in Hawaii (LA)

A fieldwork-based study of the anthropology of Hawaii. The anthropological perspective is a holistic orientation that entails not just examining one aspect of culture, but exploring the interconnections between many facets of cultural history and contemporary experience. This is accomplished through a grounding in Hawaiian history and archaeology, followed by an examination of traditional agriculture, lifeways, multiculturalism, and the impact of colonization, tourism, and the native sovereignty movement. Specifically, students learn through participant observation in contexts of Hawaiian healing, sacred sites, traditional taro growing, and preserving indigenous ecology at an ethnobotanical preserve. Note: Extra fees may be charged for this course. Prerequisites: ANTH 28100. (O)

Attributes: NACI, SS

3 Credits

ANTH 38300 Anthropology of the Body (LA)

Examination of analytic concepts of the body and embodiment from various theoretical perspectives (including feminist, Marxist, and phenomenological theories). Focus on ethnographic examples of the ways that the body is socially and culturally constructed within and across cultures. This course satisfies the cultural anthropology requirement and counts towards the theory requirement for majors.

Prerequisite: ANTH 10400; junior standing. (IRR)

Attributes: AN3, AN4, SS, WGS, WGS3

3 Credits

ANTH 38400 Forensic Anthropology (LA)

Introduction to the scientific principles and cultural context of forensic investigations. Review of archaeological and osteological approaches that contribute to the search, recovery, identification, and interpretation of the remains of deceased individuals. Combination of lectures, labs, and mock investigation exercises. This course satisfies the biological anthropology requirement. Prerequisites: ANTH 10300, BIOL 11500, BIOL 11900, BIOL 12000, BIOL 12100, or BIOL 12200; and one ANTH course at level 2. (IRR)

Attributes: AN2, NS

4 Credits

ANTH 38600 Hunter-Gatherers (LA)

Examines in a seminar format past and present hunter-gatherer societies and the various ways that ethnographers and archaeologists have tried to understand them. Topics include Marxist, structural, and neo-Darwinian models; technology; social relations; economics; territories and property rights; gender; symbols and ideology; cultural evolution and change; culture contact; government intervention; and Native perspectives. Students reflect on what hunter-gatherer egalitarian societies, representing 99 percent of the human experience, tell us about our basic human nature and modern societies. This course counts towards the theory requirement for majors. Prerequisites: ANTH 10400 or ANTH 10700 and either one 200-level anthropology course or junior standing and one additional social science course. (IRR)

Attributes: AN4, SS

3 Credits

ANTH 38800 Origins of Agriculture (LA)

The development and spread of agriculture arguably changed the course of human history more than any other single cultural process. This seminar reviews the history of thought and debate concerning the development of prehistoric agriculture and the processes of plant cultivation and domestication. Emphasis is placed on recent interdisciplinary developments in ethnobotany and archaeobotany that allow detailed, complex scientific evidence to be considered. Readings and discussion include historical pieces, theoretical treatises, and regional case studies from around the world. Students will learn of the diversity of anthropological theory in the context of the study and analysis of one of humanity's fundamental lifeway changes. This course satisfies the archaeology requirement. Prerequisites: ANTH 10400, ANTH 10700, or BIOL 12200 and either one 200-level anthropology course or junior standing and one additional social science course. (IRR)

Attributes: AN1, AN3, AN4, SS

3 Credits

ANTH 39000-39012 Seminar on Anthropological Issues (LA)

Consideration of central issues in contemporary anthropological research. Recent seminars have dealt with politics, educational systems, and economic development. Prerequisites: ANTH 10400; two courses in the social sciences. (Y)

Attributes: AN1, SS

3 Credits

ANTH 41100 Primate Conservation (LA)

This course explores the distribution, diversity, abundance, and rarity of lemurs, monkeys, and apes. It investigates how human behavior such as habitat disturbance and hunting impact primate populations. Issues to be discussed include various conservation strategies and tactics employed to protect our closest-living relatives, for example, taxon and area priorities, captive breeding, restocking and reintroduction, and ecotourism. Prerequisites: ANTH 31100; or ANTH 21100 and permission of instructor. (IRR)

Attributes: 2A, AN2, NS, WI

3 Credits

ANTH 45000 Anthropological Capstone (LA)

Provides an integrative and holistic summary of student's anthropological training. Major themes and issues in the subfield of anthropology will be discussed, and the relationships between the field and the department's curriculum and the student's coursework, including fieldwork, will be analyzed. Discussion of career opportunities, preparation for postgraduate work, and school and skills assessment will be conducted as well. Prerequisites: Senior standing and major in anthropology. (FY)

Attributes: CP, SS

3 Credits

ANTH 45800 Research in Anthropology (NLA)

Provides students an opportunity to conduct individual research in any of the subfields that are not fieldwork, such as laboratory analysis, text analysis, tape transcription, or library research on a specific topic. Prerequisites: ANTH 30200, ANTH 30500, or ANTH 30600, and completion of H&S dean's independent study/internship form. May be repeated up to a maximum of six credits. (F, S and SUM, Y)

1-6 Credits

ANTH 45900 Internship in Anthropology (NLA)

Provides students an opportunity to conduct individual research that is not fieldwork in any of the subfields and under the supervision of a professional. Internships are arranged individually at the student's request with an instructor and a sponsoring agency. Prerequisites: ANTH 10300, ANTH 10400, or ANTH 10700, permission of instructor, and completion of H&S dean's office internship form. Can be repeated to a maximum of six credits. (F, S and SUM, Y)

1-6 Credits

ANTH 46000 Advanced Readings in Anthropology (LA)

Arrangements are initiated by the student interested in a topic not covered by regular course offerings. Prerequisites: One ANTH course at 20000-level or above and one ANTH course at 30000-level or above; permission of instructor. (F-S)

Attributes: UND

1-4 Credits

ANTH 47300 Archaeological Field School (NLA)

Provides experience in archaeological fieldwork at an off-campus location. Includes training in the basic techniques of archaeological research design, reconnaissance, survey, mapping, excavation, and basic field laboratory methods. Use of a transit, laying out of grids, and identification of different kinds of archaeological data, such as ceramics, lithics, features, and ecofacts will be covered. May require additional fees for travel and lodging at off-campus locations. Prerequisites: Permission of instructor. (IRR)

0-6 Credits

ANTH 47500 Ethnographic Fieldwork/Research (LA)

An alternative to ANTH 47001 for advanced anthropology students with a focus in cultural anthropology whose research plans would benefit from a more individualized approach. The independent research or fieldwork may be conducted within or away from the Ithaca area under supervision by an anthropology faculty member. Prerequisites: ANTH 30200; consultation with and permission of instructor. (F-S,Y)
Attributes: NASE, RPRE, UND
1-6 Credits

ANTH 47600 Archaeological Fieldwork/Research (LA)

An alternative to ANTH 47002 for advanced anthropology students with a focus in archaeology whose research plans would benefit from a more individualized approach. The independent research or fieldwork may be conducted within or away from the Ithaca area under supervision by an anthropology faculty member. Prerequisites: ANTH 30500; consultation with and permission of instructor. (F-S,Y)
Attributes: UND
1-6 Credits

ANTH 47700 Biological Anthropology Fieldwork/Research (LA)

An alternative to ANTH 47004 for advanced anthropology students with a focus in biological anthropology whose research plans would benefit from a more individualized approach. The research or fieldwork may be conducted within or away from the Ithaca area under supervision by an anthropology faculty member. Prerequisites: ANTH 30600; consultation with and permission of instructor. (F-S,Y)
Attributes: UND
1-6 Credits

ANTH 47800 Field School in Biological Anthropology (NLA)

Opportunity to get hands-on experience at an off-campus location doing research in subdisciplines within biological anthropology (such as anatomy, forensic anthropology, paleoanthropology, primatology, and human biology). Students employ the methods used by researchers in the field and actively collect data. May require additional fees for travel and lodging at off-campus locations. Prerequisites: Permission of instructor. (IRR)
0-6 Credits

ANTH 47900 Anthropology Fieldwork/Research (LA)

Provides advanced anthropology students the opportunity to engage in team-based or independent research projects under the supervision and guidance of a faculty member. Projects can be in any field of anthropology; students must have taken a methods course to be able to succeed in this project-based course. Prerequisites: At least one course with an ANM attribute. (O,S)
3 Credits

ANTH 49000 Seminar: Selected Topics in Anthropology (LA)

Topics of current faculty interest in departmental fields. Recent seminars have focused on anthropological perspectives on the world food crisis, concepts of adaptation in the social sciences, and the history of anthropology. This course may be repeated for credit for different selected topics. Prerequisites: one level-2 course in anthropology; junior standing. (IRR)
Attributes: SS
3 Credits

ANTH 49500 Anthropology Capstone (NLA)

Provides an integrative and holistic summary of student's anthropological training. Major themes and issues in the subfields of anthropology will be discussed, and the relationships between the field and the department's curriculum and the student's coursework, including fieldwork, will be analyzed. Discussion of career opportunities, preparation for postgraduate work, and skills assessment will be conducted as well. Fulfills the ICC Capstone requirement. (F)
Attributes: CP
2 Credits

Arabic (ARAB)

ARAB 10100 Elementary Arabic I (LA)

Introductory course designed to develop spoken and written skills in Arabic and to further understanding of Arab and Islamic cultures. Students will learn the Arabic alphabet and sound, grammatical constructions, and vocabulary. Modern Standard Arabic will be emphasized. Prerequisites: Open to students with no previous knowledge of Arabic or by placement. (F,Y)
Attributes: 3A, G, HM, HU, TIDE
4 Credits

ARAB 10200 Elementary Arabic II (LA)

Continuation of ARAB 10100. Limited to students who have successfully completed ARAB 10100 with a grade of C- or better, or by placement. Prerequisites: ARAB 10100, or equivalent. (S,Y)
Attributes: 3A, G, HM, HU, TIDE
4 Credits

ARAB 20100 Intermediate Arabic I (LA)

Further development of speaking, listening, reading, and writing skills. Students will read selections written in both classical and standard Arabic and practice Levantine Arabic, a colloquial Arabic dialect. Grammar and stylistic rules will be emphasized. Prerequisites: ARAB 10200 with a grade of C- or better, or permission of instructor.
Attributes: HU
3 Credits

ARAB 20200 Intermediate Arabic II (LA)

Continuation of ARAB 20100. Emphasis will be given to oral and written proficiency. Prerequisite: ARAB 20100 with a grade of C- or better, or with instructor permission. (S, Y)
Attributes: HU
3 Credits

ARAB 29900 Independent Study: Arabic (LA)

Individual research, study, and/or writing on particular topics related to the Arabic language and the cultures of Arabic-speaking lands, supervised by a member of the department. May be repeated for a total of six credits. Offered on demand only. Prerequisites: permission of instructor and chairperson. (IRR)
Attributes: HU
1-3 Credits

Art (ART)

ART 10000 Theory and Practice 1: Play (LA)

The primary goal of this seminar is to develop the artist's ability for serious 'play', or focused creative discovery, so that first year art students may learn how to develop an individual path of inquiry and discovery. Weekly meetings will center on lectures about contemporary studio practice, and assignments will include research, readings, and discussions. Students will also complete individualized projects. (F,Y)
1 Credit

ART 11000 Introduction to Drawing: Seeing the World (LA)

Training in perception and the imagination as they relate to drawing. Exploration of several media techniques, methods and frameworks including historical and contemporary approaches. (F,S,Y)
Attributes: CA, TIDE, TMBS, TPJ
3 Credits

ART 11100 Introduction to Drawing: Triple Eye (LA)

Why do we draw? How did drawing come about? What can we learn about the world through drawing it? This course explores how we communicate - logically, emotionally and spiritually - through images. Empowered with this understanding, we produce drawings that represent our own inquiries, innovations and imaginings in a studio art environment. (IRR)
Attributes: CA, TIII
3 Credits

ART 11200 Introduction to Drawing: Map It (LA)

Focuses on the fundamentals of drawing as a process that can be used to understand and interpret one's world and its various complex systems. Engages students in methods of generating, organizing, editing, and critiquing two-dimensional imagery to explore the potential of art and imagery to communicate about how people intersect with, participate in, and create various systems. (IRR)
Attributes: CA, TWOS
3 Credits

ART 12000 Two-Dimensional Design (LA)

A course dealing with fundamentals of design on a flat surface and providing perceptual, as well as technical, understanding of formal elements employed in producing works of art. (F,S,Y)
Attributes: 3B, FA, MC
3 Credits

ART 12100 Three-Dimensional Design (LA)

An introduction to the creative work process and decision making as related to the creation of three-dimensional art. Deals with basic design concepts as they relate to the realization and fabrication of three-dimensional design. Students may not receive credit for both ART 12100 and ART 12200. (S,Y)
Attributes: 3B, FA
3 Credits

ART 12200 Sustainability and Innovation in Three-dimensional Design (LA)

This course introduces students to the principles and elements of design and the creative work process, as related to conceptualization and fabrication of three-dimensional works of art and design. Problems focus on the analysis of materials and processes that use and promote sustainable, natural and low impact practices, as well as how we can cultivate powers of imagination in order to use innovative thinking to solve problems. Students may not receive credit for both ART 12100 and ART 12200. (Y)
Attributes: CA, MC, TIII, TQSF
3 Credits

ART 14000 Introduction to Painting (LA)

A studio course in the fundamentals of oil painting. Methods and materials of painting, basics of color, composition, form, and spatial organization. Hands-on introduction to techniques, materials and processes used in contemporary and historical painting. (F,S,Y)
3 Credits

ART 14100 Introduction to Painting: From Wilderness to Wasteland (LA)

This course teaches observational oil painting skills as a way to reflect on our cultural and personal relationship to the environment. Students will be guided in creating paintings that communicate the complexity of environmental issues today. Consideration given to the genre of landscape painting and how representations of nature in painting have come to shape how we conceive of sustainability. (S)
Attributes: CA, TQSF
3 Credits

ART 14200 Introduction to Painting: Identities Re-Imagined (LA)

Exploration of the purpose, meaning, and cultural context of painting, with a focus on the relationship of painting to both personal and social identity. Hands-on introduction to techniques, materials and processes used in contemporary and historical painting. Students will produce a portfolio of paintings of their own explorations of re-imagined identity, and participate in group critiques, class discussions, demonstrations, meetings with visiting artists, and field trips to museums or galleries. (F,S,Y)
Attributes: CA, TIDE
3 Credits

ART 15000 Introduction to Sculpture (LA)

Introductory studio course in creative sculpture. Methods and materials of sculpture; basic concepts of form, mass, and space in sculpture. The works of historical and contemporary sculptors explored. (F,S,Y)
3 Credits

ART 15100 Introduction to Sculpture: Imagining Identities (LA)

Explores the purpose, meaning, and cultural contexts of contemporary sculpture with focus on imagining identities through hands-on assignments, incorporating traditional and non-traditional techniques and processes. Students will produce a portfolio of sculptural works demonstrating personal explorations and expressions of identity. Students participate in group critiques, class discussions, demonstrations, meetings with visiting artists, and field trips to museums or galleries. (IRR)
Attributes: CA, TIDE
3 Credits

ART 15200 Introduction to Sculpture: Making the Invisible, Visible (LA)

This introductory course in sculpture will cover the fundamental principles of three-dimensional design, especially the interactions between form and space, while exploring themes of the body, mind and spirit. The mass that a figure occupies, the space the body lives in, and the space the mind intuitively understands are explored through a series of sculptural projects designed to communicate effectively about physical space, objects, scale, and relationship to the built environment. (IRR)
Attributes: CA, TMBS
3 Credits

ART 16000 Introduction to Print Media (LA)

Introduction to intaglio and relief printmaking in the context of contemporary art and the historical traditions of the medium. Sustained creative dialogue combined with hands-on projects in the study of print media techniques including basic digital imaging. (F,S,Y)
3 Credits

ART 16100 Introduction to Print Media: Sustainable Practice (LA)

This class is an exploration of printmaking and paper-making media in the context of contemporary art and the ongoing development of media culture with a focus on sustainability. Students consider artists who communicate issues of social justice with sustainable and low-impact practices and materials, create paper and prints using recycled materials, and develop activist artworks that promote the social dimensions of sustainability. (F,Y)

Attributes: CA, TQSF

3 Credits

ART 20000 Theory and Practice 2: Exploration (LA)

The primary goal of this seminar is to develop the artist's ability to dig deeper into research and bodies of ideas; specifically, second year art students learn how to problem solve, hone their modes of inquiry, and consider their own socio-historical context as they develop a studio practice. Weekly meetings will center on lectures about historical and contemporary art; assignments include research, readings, and discussions. Students will also complete individualized projects and exercises. Prerequisites: ART 10000, sophomore standing. (F,Y)

1 Credit

ART 21000 Intermediate Drawing: The Space of Drawing (LA)

This course explores how drawing occupies space and creates illusionistic space within the two-dimensional picture plane. Students build on traditional drawing techniques while breaking "rules" of representation. Students study the historical and cultural contexts of drawing while developing an intermediate skill set in drawing.

Prerequisites: Any ART 11XXX. (S,Y)

3 Credits

ART 21100 Intermediate Drawing: Speculative Futures (LA)

This course explores the connection between speculative narrative and drawing as a way to envision a better world. Students build on traditional drawing techniques while also going beyond the "rules" of representation. Students study the historical and cultural context of the relationship between drawing and world building, social change, innovation and discovery. Prerequisites: Any ART 11XXX. (S,Y)

3 Credits

ART 21200 Intermediate Drawing: The Figure (LA)

This course explores contemporary and historical approaches to drawing the human form. Problems dealing with anatomy, movement, mass, volume, value and composition are covered as well as historical and conceptual frameworks. Prerequisites: Any ART 11XXX. (Y)

3 Credits

ART 21900 Special Topics in Intermediate Drawing (LA)

Content topics vary in order to engage students in different contemporary approaches to drawing. Students will build on observational work begun in introductory drawing classes, while approaching composition and mark-making in a variety of new ways. Prerequisites: Any ART 11XXX.

(IRR)

3 Credits

ART 22500 Graphic Design I (LA)

Explores the fundamental principles of graphic design. Emphasis on conceptual problem solving, an integration of typography, image, layout, research, and presentation. Serves as an introduction to design concepts and media common to advertising and commercial applications such as Adobe Suite. Prerequisite: ART 12000. (F,S,Y)

3 Credits

ART 22600 Typography and Design (LA)

This course focuses on the unique role of typography as a powerful means to present information. Course topics include the history of typography and printing press processes, with a special emphasis on how typography changed and shifted in the early 20th century. Students investigate letter-form structure and classification systems, use of typographic contrast in composition, and structure with the grid and alignment. Prerequisites: ART 22500. (S,IRR)

3 Credits

ART 24000 Intermediate Painting: Expression in the Information Age (LA)

This course explores contemporary approaches to the expressive gesture of painting in an increasingly digital world. Students build on traditional painting techniques while breaking "rules" of representation. Focus on materiality, mark making and originality alongside the study of the historical and conceptual relationship between painting and technology.

Prerequisites: Any ART 14XXX. (S,Y)

3 Credits

ART 24100 Intermediate Painting: The New Narrative (LA)

This course explores contemporary approaches to narrative and figure narrative painting as students learn how to engage in visual storytelling. Students build on traditional painting techniques while breaking "rules" of representation. Students study the historical and cultural contexts of painting while developing an intermediate skill set in painting.

Prerequisite: Any ART 14XXX. (F,Y)

3 Credits

ART 24900 Intermediate Painting: Special Topics (LA)

Content topics vary in order to engage students in different approaches to contemporary painting. Students will build on work begun in introductory painting classes, while approaching the medium in a variety of new ways. Prerequisites: Any ART 14XXX. (IRR)

3 Credits

ART 25000 Intermediate Sculpture: Ideas Follow Form (LA)

"Form follows function" was a phrase conceived by Louis Sullivan as an approach to solving modern architectural problems. This course amends the approach, experimentation of materiality becomes a way to create personalized content. Students study the historical and cultural contexts of sculpture while developing an intermediate skill set in sculpture.

Prerequisites: Any ART 15XXX. (F,Y)

3 Credits

ART 25100 Intermediate Sculpture: Site-Specific (LA)

This course explores contemporary approaches to place-based sculpture as a way for students to learn how to engage with concerns central to chosen locations. Students study the history of site specific installation, intervention, and interactive work as they develop an intermediate skill set in sculpture. Prerequisites: Any ART 15XXX. (S,Y)

3 Credits

ART 25900 Intermediate Sculpture: Special Topics (LA)

Content topics vary in order to engage students in different approaches to contemporary sculpture. Projects and topics build on the creative work and skills taught in introductory sculpture classes, while approaching form and space in a variety of new ways. Prerequisites: Any ART 15XXX.

(IRR)

3 Credits

ART 26000 Intermediate Print Media: The Multiple as Democratic Voice (LA)

This course explores contemporary approaches to multiples that includes the changing relationship between accessibility, authorship and audience and connections to democratic voice. Students build on traditional techniques such as lithography, intaglio and silkscreen while incorporating digital and photographic processes. Students consider historical and cultural contexts while developing an intermediate skill set in print media. Prerequisites: Any ART 16XXX. (F,Y)

3 Credits

ART 26100 Intermediate Print Media: Expanded Field (LA)

This course explores the expanded field of contemporary print media. Students combine traditional processes such as lithography, intaglio and silkscreen with temporal, digital and photographic processes in order to engage in a hybrid practice that encourages careful consideration of form and content. Students study historical and cultural contexts while developing an intermediate skill set in print media. Prerequisites: Any ART 16XXX. (F,Y)

3 Credits

ART 26200 Intermediate Print Media: Book Arts (LA)

This course explores narrative as it refers to content expressed sequentially in the contained form of a book. Relationship between image and text is explored, as well as design, layout and content. The history of book arts, as well as contemporary approaches are explored alongside of construction and design using print media both traditional and digital. Prerequisites: Any ART 16XXX. (S,Y)

3 Credits

ART 26900 Intermediate Print Media: Special Topics (LA)

Content topics vary in order to engage students in different approaches to contemporary printmaking. Building upon the skills and content work begun in their introductory printmaking classes, students will deepen their approach to creating multiples in a variety of new ways. Prerequisites: Any ART 16XXX. (IRR)

3 Credits

ART 28000 Digital Studio I (LA)

This course explores contemporary approaches to art making that incorporate digital techniques into the studio practice and establish digital media as its own art form. Students study the historical and cultural context of the relationship between art and technology, originality and reproducibility. Prerequisites: Any level 1 studio art course (excluding ART 10000). (F,S,Y)

3 Credits

ART 30000 Theory and Practice 3: Professional Practices (NLA)

Exploration of the professional dimension of art making for art majors and minors. Preparation for thesis work, advanced professional study, and careers in art. Topics include development of artist statements, resume writing, documenting work, developing a studio practice and artist's website. Class culminates in curation, organization and installation of an exhibition. Prerequisites: ART 20000; Two other ART classes at level 2 or above; junior standing. (S,Y)

3 Credits

ART 31000 Advanced Drawing: Drawing in Space (LA)

This course investigates how drawing exists in time and space as three-dimensional installation. Student work builds upon skills developed at the intermediate level in drawing. Through projects such as drawing on three dimensional substrates, exploring varieties of linear installation and collaborative drawings, students discover how contemporary drawing exists in an expanded field. Students further develop their ability to conceptualize the relationship between form and content, as well as the development of independently guided work. Prerequisites: Any ART 21XXX. (S)

3 Credits

ART 31100 Advanced Drawing: World Building (LA)

This course explores contemporary approaches to drawing as a way to imagine new worlds, ideas and future strategies while learning how to engage in visual storytelling. Individualized strategies, bodies of work and research skills are emphasized as intentionality between form and content is mastered. Prerequisites: Any ART 21XXX. (F,Y)

3 Credits

ART 31900 Advanced Drawing: Special Topics (LA)

Content topics vary in order to engage students in advanced approaches to contemporary drawing. Students will build on work developed in intermediate drawing classes, while establishing a more independent approach to their art production. Prerequisites: Any ART 21xxx. (IRR)

3 Credits

ART 32500 Graphic Design II (LA)

Further study of graphic design principles and their application to comprehensive problem solving. Study of essential design language to broaden understanding of the field of visual communication. Students explore how graphic design is a personal, social, political, and cultural activity, and investigate production in current visual media. Students build a portfolio based on studio assignments. Expanded knowledge of Adobe Suite. This course may be repeated twice for a total of six credits. Prerequisites: ART 22500. (F,S,Y)

3 Credits

ART 34000 Advanced Painting: Originality in the Information Age (LA)

This course explores contemporary approaches to authorship in painting in an increasingly reproducible world, focusing on how technological reproduction of images has drastically altered our notions of creativity and originality. Students learn to push the painting practice further in skill and content through honing individualized strategies, research skills and bodies of work in the contemporary context. Prerequisites: Any ART 24XXX. (F,Y)

3 Credits

ART 34100 Advanced Painting: The New Narrative (LA)

This course combines contemporary approaches to narrative with an expanded exploration of visual storytelling that may include hybrid approaches such as mixed media, painting on found substrates, working in series, and installation painting. Through this exploration, students develop an increasingly independent studio practice. Prerequisites: Any ART 24XXX. (F,Y)

3 Credits

ART 34900 Advanced Painting: Special Topics (LA)

Content topics vary in order to engage students in advanced approaches to contemporary painting. Students will build on work developed in intermediate painting classes, while establishing a more independent approach to their art production. Prerequisites: Any ART 24XXX. (IRR)

3 Credits

ART 35000 Advanced Sculpture: Form Follows Ideas (LA)

In this advanced sculpture course, individual sensibilities and personal content are at the forefront and dictate the material choices. Along with further practice with traditional and non-traditional materials and methods, projects address contemporary world issues, interdisciplinary connections and sculptural installations. Prerequisites: Any ART 25XXX. (F,Y)

3 Credits

ART 35100 Advanced Sculpture: Site/Non-Site (LA)

This course explores how contemporary presentation strategies affect our experience of viewing place-based sculpture. Constructed, found, and designed spaces are explored as a framing device and source of content. Students develop an advanced skill set in sculpture while establishing a more independent approach to their studio practice. Prerequisites: Any ART 25XXX. (S,Y)

3 Credits

ART 35900 Advanced Sculpture: Special Topics (LA)

Content topics vary in order to engage students in advanced approaches to contemporary sculpture. Students will build on work developed in intermediate sculpture classes, while establishing a more independent approach to their studio practice. Prerequisites: Any ART 25XXX. (IRR)

3 Credits

ART 36000 Advanced Print Media: Dissemination as Democratic Voice (LA)

This course focuses on the meaning that underlies the serial image and its various modes of dissemination both historically and culturally. Students develop their visual voice using the techniques of print media in ways that work with developing individualized content and bodies of work, and that focuses on dissemination and performative framing strategies. Prerequisites: Any ART 26XXX. (S,Y)

3 Credits

ART 36100 Advanced Print Media: Expanded Field (LA)

This course explores increasingly complex and individualized strategies to the expanded field of contemporary print media. Emphasis on performance and social practice in order to engage in site-specificity, installation and interactive projects. Prerequisites: Any ART 26XXX. (F,Y)

3 Credits

ART 36900 Advanced Print Media: Special Topics (LA)

Content topics vary in order to engage students in advanced approaches to contemporary print media. Students will build on work developed in intermediate print media classes, while establishing a more independent approach to their studio practice. Prerequisites: Any ART 26XXX course. (IRR)

3 Credits

ART 38000 Digital Studio II (LA)

This course explores expanded approaches to technology, fabrication and the moving image. Students study the historical and cultural context of the relationship between art and technology, originality and reproducibility, developing an increasingly personal relationship to computer-based imaging and issues related to the field. Prerequisites: ART 28000. (IRR)

Attributes: MC

3 Credits

ART 39900-39901 Independent Study: Art (LA)

Advanced projects under specifically directed tutelage. Projects to be arranged between instructor and students. Offered on demand only. May be repeated two times for a total of six credits. Prerequisites: Permission of instructor. (F,S,Y)

Attributes: UND

1-4 Credits

ART 40000 Theory and Practice 4: Contemporary Theories of Art (LA)

In this culminating course for art majors, students learn about the global art world and contemporary theories of art in order to apply critical frameworks to their artistic practice and/or teaching pedagogy. Through readings and discussions, different critical frameworks for considering artistic production are explored, including post-structuralism, feminism, and post-colonialism. Restricted to students majoring in Art (B.A., B.F.A.) and Art Education. Prerequisites: ART 30000. (F,Y)

Attributes: CP

3 Credits

ART 49000 Senior Project I (LA)

A directed project under the advisement of the faculty in the student's major area. The aim is to develop a body of work demonstrating creative initiative as part of the senior capstone experience. Senior Project is required of BFA art majors. Prerequisites: BFA Art majors; completion of twenty-four credits in art; senior standing; permission of instructor. (F,S,Y)

3 Credits

ART 49100 Senior Project II (LA)

Continuation of a directed project under the advisement of the faculty in the student's major area. The aim is to develop a body of work demonstrating creative initiative as part of the senior capstone experience. Senior Project is required of BFA art majors. Prerequisites: BFA Art majors; ART 49000. (F,S,Y)

Attributes: UND

3 Credits

ART 49500 Art Internship (NLA)

An opportunity for students to gain practical experience in a variety of art-related activities that are directly involved in the creation of visual art. A faculty member from the art department as well as a mentor from the sponsoring agency supervises the internship. Internships are arranged on an individual basis and must be approved by the chair of the art department. Prerequisites: Permission of instructor/mentor; three art courses; junior or senior standing. (IRR)

1-4 Credits

ART 49900-49901 Independent Study: Art (LA)

Advanced projects for seniors under specifically directed tutelage. Projects to be arranged between instructor and student. Offered on demand only. May be repeated two times for a total of Prerequisites: Permission of instructor. (F,S,Y)

1-4 Credits

Art History (ARTH)

ARTH 11100 Episodes in Western Art (LA)

An introduction to art history through close examinations of selected works and themes from prehistory to the present. The chosen topics, primarily based on painting and sculpture from the Western tradition, will be discussed from a variety of perspectives, including style, artists' techniques and materials, potential meanings, and historical context. The course is designed to familiarize students with key terms and skills employed by art historians, as well as conventions and institutions associated with Western art. The course will cover a broad history of art while simultaneously raising questions about the sources and authority of that history. Not open to seniors. (Y)

Attributes: 3B, AN1, CA, CSA, G, H, HU, TIII, TWOS

3 Credits

ARTH 11200 Reading Buildings (LA)

Introduces architecture as a functional necessity, a structural art, and a window on human culture. Explores how we build and what our buildings say about us, as individuals and members of groups and societies. Through the metaphor of "reading," students learn to look at buildings and to decipher what they see, with focus on the architectural expression of identity and power. Not open to seniors. (Y)

Attributes: AN1, ARCH, CA, TIDE, TPJ

3 Credits

ARTH 11300 Elements of Architecture (LA)

A primer on the topic of architecture and architectural history. Acquaints students with the art of making buildings through a discussion of a variety of topics, among them materials, structure, mechanics, space, and light. Architectural theory is also introduced, from the ideas of Vitruvius through some of the more provocative pronouncements of Venturi. Students will learn to consider the activity surrounding the creation of architecture, including the interaction of architects, clients, builders, and even the natural forces that act upon buildings. Features architectural vocabulary, mastery of which is necessary for the analysis and understanding of architectural forms. Not open to seniors. (Y)

Attributes: ARCH, CA, TQSF

3 Credits

ARTH 11400 Architecture across Cultures (LA)

An investigation of world architecture, organized by architectural type. Examining such topics as spaces of dwelling, worship, and commerce comparatively across time and place sheds light on the ways in which cultural values and identities are shaped and expressed in architectural form. Students study architectural variety across cultures as an expression of historical, material, and cultural difference, and shared traits between cultures as responses to universal social needs, structural possibilities, and spatial strategies. Not open to seniors. (F,S,Y)

Attributes: AN1, ARCH, CA, G, INBG, TMBS, TQSF

3 Credits

ARTH 12500-12504 Selected Topics in Art History (LA)

Introduction to the discipline of art history by a review of major categories of art (i.e., portraiture, landscape, genre, still-life, narrative painting, abstraction, representation, sculpture, architecture) within the context of a single theme or period. Not open to seniors. (IRR)

Attributes: 3B, FA, G, H, HU

3 Credits

ARTH 13500 Introduction to Visual Culture (LA)

An examination of the crucial roles that images and objects play in shaping our society. The course covers the larger culture of visual images, including art, print, media, film, photography, and electronic media, and focuses on how images define, shape, and communicate beliefs and behaviors in a variety of contexts. The course emphasizes developing a sense of "visual literacy" and becoming more self-consciously aware of the act and nature of looking, in a world in which ideas increasingly are communicated in visual, rather than linguistic, form. Not open to seniors. (F,S,Y)

Attributes: 3B, AN3, CA, G, H, HU, SCE, TIDE, TPJ

3 Credits

ARTH 16000 Art Across Cultures (LA)

A cross-cultural comparison of artistic and visual production and introduction to fundamental concepts, terms, and visual analysis skills used in art history. By juxtaposing a variety of artistic cultures across time and space, this course will address how and why various peoples create art and communicate visually. Organization by theme will highlight different visual conventions and approaches to a range of subjects as well as the cultural and historical reasons for those differences. Not open to seniors. (F,S,Y)

Attributes: AN1, CA, G, H, INBG, TPJ, TWOS

3 Credits

ARTH 20100 Practicing Art History (LA)

Engages contemporary cultural debates at the center of Art History, Museum Studies, and Architecture by contextualizing them through the study of questions, theories, methods and ethical debates that have developed within the discipline. Students will develop skills in critical reading, evaluating sources, and identifying different approaches used to analyze images and spaces in order to build critical awareness for their future study. Involves critical reading, engaged discussion, and presentations. Prerequisites: One course in art history; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (F,Y)

Attributes: HU, WI

3 Credits

ARTH 20500 Chemistry and Art (LA)

Investigates, through lecture and laboratory activities, the scientific basis of such topics as paints and pigments, metalworking and sculpture, dyes and fabrics, polymeric materials, and chemical hazards in art. Introduces students to basic chemical concepts and laboratory techniques, as well as modern analytical instruments. Lectures on the material history of art establish the context for the study of these chemical and analytical concepts. Students may enroll for ARTH 20500 or CHEM 20500, but not both. Prerequisites: Sophomore standing; permission of instructor. (S,O)

Attributes: 2A, 3B, CA, FA, HU, NS, SC, TIII

4 Credits

ARTH 20600 Small Builds: Architecture at a Smaller Scale (LA)

Examines the interactions between architecture, art, industrial design and fashion through the analysis and presentation of case studies and texts. Includes a studio component where students design and build hybrid-architectural objects such as functional jewelry, portable structures, and other small-scale architectural artifacts and models. Prerequisites: Sophomore standing or above. (IRR)

Attributes: AN3, CA, TIII, TQSF

3 Credits

ARTH 20700 The Architecture of Patterns: The art and science of patterns (LA)

Examines the history of patterns from a multidisciplinary perspective, and speculates upon their present and future use across a variety of fields. Includes design workshops where students will study and make patterns, utilizing examples and discourse from architecture, art, biology, chemistry, fashion, mathematics, ornament and other sources. Prerequisites: Sophomore standing or above. (IRR)

Attributes: CA, FA, TIII, TWOS

3 Credits

ARTH 20900 Introduction to the Roman World (LA)

Explores the many facets of Roman life as revealed through material culture; the arts (painting, sculpture, architecture, mosaics, pottery, metalwork); and the archaeological remains that shed light on the way Romans conducted their everyday lives. This is a thematic, rather than chronological, course. Satisfies the "art, visual culture, or architecture before 1400" requirement in the major. Prerequisites: Sophomore standing. (IRR)

Attributes: ARCH, CA, CSA, G, TPJ

3 Credits

ARTH 21600 Art in London (LA)

This course focuses on modern and contemporary art currently on view in London. In addition to providing an overview of the history of modern and contemporary art, it also introduces students to London's art world: from its public and private museums, galleries, and art spaces to contemporary debates on the arts. The course will largely be hands-on, with field trips to make use of London's distinctive setting and opportunities. Course topics change to include current exhibitions and events in London. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. Prerequisites: Sophomore standing. Offered only through the London Center. (Y)

Attributes: AN3, APOS, CA, CSA, HM, HU, INBG, TIDE, TIII

3 Credits

ARTH 21700 British Art and Architecture I: 1066-1660 (LA)

Studies of selected works of visual art from major periods in British history, to include British architecture, painting, costume, and design and their relationship to the societies that produced them. Includes survey of Roman, Saxon, and Celtic Britain. Visits to museums and field trips. Satisfies the "art, visual culture, or architecture from the years 1400 to 1750" requirement in the major. Offered only through the London Center. Prerequisites: Sophomore standing. (F,Y)

Attributes: AN1, APRE, ARCH, CA, CSA, G, HM, TIDE, TIII

3 Credits

ARTH 21800 British Art and Architecture II: 1660-1914 (LA)

A study of selected works of visual art from recent periods in Britain's history and their relationship to the societies that produced them. Analysis of various styles in painting, architecture, costume, and ornament. Visits to museums and field trips. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. Offered only through the London Center. Prerequisites: Sophomore standing. (S,Y)

Attributes: AN1, APOS, APRE, ARCH, CA, G, HM, TIDE, TIII

3 Credits

ARTH 21900 Arts of Antiquity: Greece and Rome (LA)

Bronze Age art of the Aegean, Greek art from the geometric through the Hellenistic periods, and Roman art to the end of the pagan era. Satisfies the "art, visual culture, or architecture before 1400" requirement in the major. Prerequisites: Sophomore standing. (F or S,Y)

Attributes: 3B, CA, CSA, FA, G, H, HM, TIDE, TIII

3 Credits

ARTH 22100 Introduction to the Medieval World (LA)

Explores different facets of medieval life as revealed through the visual and material culture of the western Middle Ages. Organized by theme rather than chronology. Topics include modern fascinations with the medieval, religious functions and contexts for images, medieval places and spaces, visual storytelling, images and objects of daily life, and medieval images of death. Investigates a variety of types of objects and images (including buildings, sculpture, manuscript illumination, metalwork, and mosaics), as well as archaeological remains of medieval life. Satisfies the "art, visual culture, or architecture before 1400" requirement in the major. (IRR)

Attributes: AN1, APRE, ARCH, CA, G, TIDE, TMBS, TPJ

3 Credits

ARTH 22200 Architecture from Catacombs to Cathedrals (LA)

A survey of medieval European architecture from the early Christian through the Gothic periods. The course follows developments in structure, form, patronage, and function of both religious and secular architecture, ranging from the earliest Christian places of worship and burial to late Gothic cathedrals and palaces. Satisfies the "art, visual culture, or architecture before 1400" requirement in the major. Prerequisites: Sophomore standing. (IRR)

Attributes: ARCH, CSA, G

3 Credits

ARTH 23100 Northern Renaissance Art (LA)

A thematic and chronological exploration of painting, printmaking, and sculpture of northern Europe from the late 14th century through the mid-16th century. Explores such topics as the nature of realism in Flemish panel painting; the physical production and marketing of northern European artworks; the persuasive and subversive impact of printmaking; the effect of the Reformation upon image making; and the development of landscape painting and portraiture. Jan van Eyck, Hieronymus Bosch, Albrecht Dürer, and Pieter Brueghel the Elder are among the artists whose work is emphasized. Satisfies the "art, visual culture, or architecture from the years 1400 to 1750" requirement in the major. Prerequisites: Sophomore standing. (IRR)

Attributes: 3B, CSA, G, H, HU

3 Credits

ARTH 23200 Architecture from Renaissance to Revolution (LA)

An exploration of European architecture from the 15th to the 18th centuries, focusing on issues of form, space, structure, and meaning. The course begins and ends with "rebirths" of antiquity, considering in-between architectural ideas that seem to stray as far as possible from the classical tradition. Concepts such as Renaissance, baroque, rococo, and neoclassical are examined, as are relevant political and religious circumstances. Satisfies the "art, visual culture, or architecture from the years 1400 to 1750" requirement in the major. (F,S,Y)

Attributes: AN1, APRE, ARCH, CA, CSA, G, TIDE, TPJ

3 Credits

ARTH 23300 Great Spaces: An Introduction to Urban Design (LA)

Introduction to the history of open space design, with an emphasis placed on the city. Examination of the principles that generate successful spaces at several scales, from pocket parks and public squares to ceremonial sites and ideal cities. Analysis of the cultural meanings embedded in urban space. Regions covered include Western Europe and Russia, the Americas, and Asia. Chronological scope ranges from ancient to contemporary. Prerequisites: Sophomore standing. (F or S,Y)

Attributes: ARCH, ESTS, G

3 Credits

ARTH 23500 Art in Europe, 1500-1800 (LA)

Explores the visual culture of early modern Europe from the Renaissance to the Revolutionary era. Students survey a variety of media, study patronage, and chart the development of art institutions including academies and exhibitions. Satisfies the "art, visual culture, or architecture from the years 1400 to 1750" requirement in the major. (IRR)
 Attributes: 3B, AN1, APRE, CA, CSA, FA, G, GERM, H, HU, TWOS
 3 Credits

ARTH 24000 Architecture Since 1800 (LA)

A historical survey of significant architects and their works, from the 19th century to the present. Includes a discussion of aspects of style, design theory, technological developments, and architectural vocabulary. Emphasizes the role of the architect in modern society. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (IRR)
 Attributes: AN1, APOS, ARCH, CA, TIDE
 3 Credits

ARTH 24200 Placing Race and Gender (LA)

Explores ways in which social hierarchies are expressed in and shaped by the built environment, with a focus on race and gender. Examines architectural expressions of difference in historical and contemporary culture through siting, spatial layout, materials, ornamentation, and scale. Considers race- and gender-based barriers to participation in the architectural profession and expands the definition of architectural maker to include neglected contributions of builders, craftspersons, patrons and clients. (IRR)
 Attributes: AN3, ARCH, CA, DV, TIDE, TPJ, WGSC
 3 Credits

ARTH 24300 Gender and Visual Culture (LA)

Examines images of women and men in relation to concepts of gender, race, class, and sexuality, and investigates contemporary representations of gender from the perspective of the history of art and feminist theory. (IRR)
 Attributes: AN1, AN3, CA, DV, G, MAP, SCE, TIDE, WGS, WGSC
 3 Credits

ARTH 24500 Imaging Authority (LA)

Analyzes images of political figures from early modern Europe (16th-18th centuries) and the United States (18th century-present). Engages with visual constructions of power and authority in relation to culturally specific concepts of identity, particularly issues of gender. Will examine a variety of representational formats, especially painted portraits and prints, as well as newer media, such as photography and web formats. A key issue under consideration is how concepts of identity affect the representation, assumption, and exercise of political leadership. Satisfies the "art, visual culture, or architecture from the years 1400 to 1750" requirement in the major. (F,E)
 Attributes: AN1, AN3, APRE, DV, G, MAP, WGS, WGSC, WGSJ
 3 Credits

ARTH 25100 Nineteenth-Century European Art (LA)

Major styles of 19th-century painting and sculpture, especially in France but also in Spain, England, and Germany. Neoclassicism, romanticism, realism, impressionism, and postimpressionism are covered. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (F,Y)
 Attributes: 3B, AN1, APOS, CA, G, GERM, H, HU, TIDE, TIII
 3 Credits

ARTH 25200 Twentieth-Century European Art (LA)

Study of leading European painters and sculptors of the 20th century. Major movements from fauvism and expressionism through cubism, futurism, dadaism, and surrealism. Includes Rouault, Munch, Nolde, Kokoschka, Klee, Kandinsky, Matisse, Picasso, Boccioni, Mondrian, Tatlin, Duchamp, DeChirico, and Miró. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (S,Y)
 Attributes: AN1, APOS, CA, G, GERM, TIII, TPJ
 3 Credits

ARTH 26000 Pre-Columbian Art and Architecture (LA)

Introduces students to art produced in Mesoamerica and the Andes up to the time of contact with European cultures. Discusses artworks, structures, monuments, and objects associated with many of the major cultures of these regions, including Olmec, Teotihuacan, Maya, Aztec, Chavin, Moche, Paracas, Nazca, Wari, and Inca. Organized chronologically within each major region. Emphasizes the range of approaches used in the study of art and architectural history. Satisfies the "art, visual culture, or architecture before 1400" requirement in the major. (IRR)
 Attributes: AN1, APRE, ARCH, CA, G, LAEL, LXME, NASE, RPPE, TIII, TMBS, TPJ
 3 Credits

ARTH 26500 Modern Latin American Art (LA)

Explores artistic production in Latin America from the independence period (19th century) through the 20th century, and identifies competing definitions of what it means to be "modern" and "Latin American." Major themes include artistic contributions to the creation of national identity, Latin American artists' negotiations of European, indigenous, and African traditions, the rise of internationalism and the art market, and the relationship between art, politics, social activism, and resistance. Addresses the following major artistic trends, among others: the academic tradition, modernismo, the Mexican mural movement, indigenismo, surrealism, constructive universalism, abstraction, conceptual art, and postmodernism. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (F,S,Y)
 Attributes: AASE, AN1, APOS, CA, DV, G, H, INBG, LSCI, RPPE, TIDE, TIII
 3 Credits

ARTH 27000 Art and Architecture of Africa (LA)

Introduces the art and architecture of Africa through a series of case studies that place objects and monuments in their social context while relating them to broader art historical issues. Covers two thousand years of history, from the ancient kingdoms of Mali to present day artists working on the continent. Major themes include: authorship and performance, gender, the role of photography in the formation of colonial and post-colonial identities, the ever-changing inventions of masquerade, individual vs. communal patronage, and the role of "tradition" in the production and reception of contemporary artists. (IRR)
 Attributes: ADSE, AN1, AN3, APRE, ARCH, CA, RPPE, TMBS, TPJ
 3 Credits

ARTH 27500-27516 Selected Topics in Art History: Thematic Topic (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)
 Attributes: 3B, CSA, FA, G, H
 3 Credits

ARTH 27517 ST: Art History (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)
 Attributes: 3B, CA, FA, G, H, TIDE, TPJ
 3 Credits

ARTH 27518-27520 Selected Topics in Art History: Thematic Topic (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: 3B, FA, G, H

3 Credits

ARTH 27540-27542 Selected Topics in Art History: Before 1400 (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: 3B, FA, G, H

3 Credits

ARTH 27550-27551 Selected Topics in Art History: Architecture before 1400 (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: ARCH, CA, G, TIDE, TIII

3 Credits

ARTH 27560-27561 Selected Topics in Art History: Art History from 1400 to 1750 (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: 3B, FA, G, H

3 Credits

ARTH 27570-27571 Selected Topics in Art History: Architecture from 1400 to 1750 (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: ARCH, G

3 Credits

ARTH 27580-27581 Selected Topics in Art History: Art History after 1750 (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: 3B, FA, G, H

3 Credits

ARTH 27590-27591 Selected Topics in Art History: Architecture after 1750 (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: ARCH, G

3 Credits

ARTH 28000 Selected Topics in Art History (LA)

Intermediate course with a specialized focus on an art historical theme. May be repeated for credit when topics vary. (IRR)

3 Credits

ARTH 28010 Selected Topics in Architecture (LA)

Intermediate course with a specialized focus on an architectural theme. May be repeated for credit when topics vary. (IRR)

Attributes: ARCH

3 Credits

ARTH 28020 Selected Topics in Art History, Pre-1800 (LA)

Intermediate course with a specialized focus on an art historical theme, pre-1800. May be repeated for credit when topics vary. (IRR)

Attributes: APRE

3 Credits

ARTH 28030 Selected Topics in Architecture pre-1800 (LA)

Intermediate course with a specialized focus on an architectural theme, pre-1800. May be repeated for credit when topics vary. (IRR)

Attributes: APRE, ARCH

3 Credits

ARTH 28040 Selected Topics in Art History, post-1800 (LA)

Intermediate course with a specialized focus on an art historical theme, post-1800. May be repeated for credit when topics vary. (IRR)

Attributes: APOS

3 Credits

ARTH 28050 Selected Topics in Architecture post-1800 (LA)

Intermediate course with a specialized focus on an architectural theme, post-1800. May be repeated for credit when topics vary. (IRR)

Attributes: APOS, ARCH

3 Credits

ARTH 28300 American Visual Culture: 1690-1960 (LA)

Relates the images and objects made by and for Americans to the society that produced them. Organized in a thematic fashion around topics such as democracy, colonialism, progress, materialism, and pop culture. Traditional "art historical" media (painting, sculpture, architecture, and graphic arts) are joined by vernacular building, industrial design, costume, advertising, film, photography, and television to create a fuller picture of American life and culture over three centuries. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (S,Y)

Attributes: APOS, CA, MAP, TIDE

3 Credits

ARTH 28400 Art in New York City (LA)

Explores New York City as a context for modern and contemporary art. Topics include development of art museums and galleries, public art, and contemporary art institutions. Field trips are an essential component of the course. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. Offered only through the Ithaca College New York City program. (F,S,Y)

Attributes: 3B, AN3, APOS, CA, FA, HM, TIDE, TIII

3 Credits

ARTH 28500 Art since 1960 (LA)

Critically explores various avant-garde strategies used since 1960, when artists' practices radically changed. At that time, different working methods combining different media – and challenging long-held notions of art, artists, society, and even reality – were introduced. The question, But is it art? is one of the central issues debated. Focus on the so-called failure of modernist art, and how postmodernist, postcolonialist, and postfeminist issues define artistic practice today. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (IRR)

Attributes: 3B, APOS, CA, G, HU, SCE, TIII

3 Credits

ARTH 28600 Art and Globalization (LA)

Explores the intersections of contemporary art and globalization since 1990. Introduces theories of globalization and uses them to understand transformations in the art world and emerging art practices. Topics include art biennials, geography of the art world, graffiti/street art, public art, site-specific art, and relational aesthetics. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (E)

Attributes: AN3, APOS, CA, G, INBG, TWOS

3 Credits

ARTH 28700 Latinx Art in the United States (LA)

Focuses on Latinx Art in the United States during the 20th century, while periodically reaching back further in time to provide historical perspective. Special emphasis is placed on the following artistic cultures: Chicano, Puerto Rican, Cuban-American, and New York City's role as an artistic magnet. Topics to be considered include: the relative coherence of the category "Latinx Art," the role of art in the construction of tradition, community and history; the borderlands as space and theoretical concept; and the relevance of the arts in the contemporary debate over immigration. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (IRR)

Attributes: AN3, APOS, CA, DV, H, LAEL, LAGC, LSCH, LXME, RPRE, SCE, TIDE, TPJ

3 Credits

ARTH 29200 Introduction to Museum Studies (LA)

Introduces the history of museums and galleries, explores the societal role of these institutions, and addresses the contemporary issues and ethical dilemmas they face. Investigates roles and responsibilities within museums and galleries. Combines lectures, field trips, discussions, and presentations. Prerequisites: Sophomore standing or above. (Y)

Attributes: AN1, AN3, FA

3 Credits

ARTH 30100 Architectural Studio I: Fundamentals of Architectural Design and Drawing (LA)

An introduction to basic concepts of architectural design through a graduated series of exercises focused on the architectural conceptualization of space, form, function, and structure. Basic techniques of architectural communication, including drawing, model-making, and simple 3-D computer modeling are introduced in the context of controlled investigations of architecture's formal properties and functional demands. Prerequisites: ARTH 11300 or ART 11400; ART 13000 or ART 13100; and one of the following: ARTH 20600, ARTH 20700, ARTH 20900, ARTH 22100, ARTH 22200, ARTH 23200, ARTH 23300, ARTH 24000, ARTH 26000, ARTH 2755X, ARTH 2757X, or ARTH 2759X. (S,Y)

Attributes: ESTS

4 Credits

ARTH 30200 Architectural Studio II: Environmental Design and Digital Representation (LA)

This course builds on skills introduced in ARTH 30100, moving from the scale of the individual architectural object to consideration of the building in its broader urban and natural environment. Basic techniques of drawing and 3-D modeling are further developed with exposure to more advanced representational challenges and digital tools. Course may be retaken once for credit. Students must have permission of instructor to repeat this course. Prerequisites: ARTH 30100. (F,Y)

4 Credits

ARTH 31800 Memorable Cities (LA)

An investigation of the architecture and urban design of cities distinguished by their physical beauty or by their status as political, religious, or cultural capitals (e.g., Paris, Rome, Moscow, St. Petersburg, New York, Washington, Los Angeles, Tokyo, Kyoto). The objectives of the course are twofold: (1) to explore the components of successful city design by analyzing architectural ensembles and urban patterns, and (2) to analyze the ways in which political and cultural values are expressed in urban form. Prerequisites: One course in art history at level 2 or above; junior standing. (O)

Attributes: AN1, ARCH

3 Credits

ARTH 33100-33110 Studies in Art from Ancient to Renaissance (LA)

Advanced studies of focused issues in the history of ancient, medieval, or Renaissance art. Specific course topic varies. May be repeated for credit for different topics. Prerequisites: One art history course at level 2 or above; junior standing. Further prerequisites may be added according to the topic. (IRR)

Attributes: ARCH, CSA

3 Credits

ARTH 35000-35010 Studies in Art from Baroque to Modern (LA)

Advanced studies of focused issues in art from the period between the 17th century and the present. Specific course topic varies. May be repeated for credit for different topics. Prerequisites: One art history course at level 2 or above; junior standing. Further prerequisites may be added according to topic. (IRR)

Attributes: HU

3 Credits

ARTH 35800 Form, Function, and Fantasy: Architecture since 1945 (LA)

The decades since World War II have been a time of extraordinary freedom and exploration in architecture and the most intense period of building in the history of the planet. In what direction is architecture headed? This course considers this question and related issues by examining recent and current architecture of Europe, the Western hemisphere, and the Far East. Prerequisites: One art history course at level 2 or above; junior standing. (IRR)

Attributes: ARCH

3 Credits

ARTH 36600 Art and Revolution in Latin America (LA)

Investigates painting, photography, graphic art, sculpture, and film aligned with the Mexican, Cuban, and Nicaraguan revolutions. This course will consider definitions of revolutionary art, relationships between government cultural policy and artistic creation, ways in which artists contribute to the construction of revolutionary society, and the viability of 20th-century Latin American revolutionary art. Prerequisites: One course in art history. (IRR)

Attributes: AN1, INBG, LAEL, LSPL, LXME, SCE

3 Credits

ARTH 37500 ST: Art History (LA)

This course may be repeated for credit for different selected topics. Prerequisites: One art history course at level 2 or above; junior standing. (IRR)

Attributes: FA, HU, WGS, WGS3

3 Credits

ARTH 38000-38005 Studies in Architectural History and Theory (LA)

Advanced studies of focused issues in the history of architecture and architectural theory. Specific course topic varies. May be repeated for credit for different topics. Prerequisites: One art history course at level 2 or above; junior standing. Further prerequisites may be added according to the topic. (IRR)

Attributes: ARCH

3 Credits

ARTH 39200 Museum Practices and Methods (NLA)

Introduces various elements in the management of museums and galleries, focusing on the practical application of policies and procedures necessary to establish and maintain intellectual and physical control of museums and their collections. This course combines lecture, discussion, demonstrations, and field trips with hands-on projects in the Handwerker Gallery. Topics vary per offering and will include aspects of administration, object handling, physical care, recording, and the study of museums and their collections. Prerequisites: Three courses in art history; junior standing or above. (IRR)

3 Credits

ARTH 39300 Exhibitions, Education, and Outreach (LA)

Experiential learning course explores the scholarship and the experience of the interface between museums and galleries, arts professionals, and the public. Subjects covered include formulating and producing public programs, such as educational tours and guest lectures; creating and implementing public relations campaigns; designing, installing, and striking an exhibition; and assessing exhibitions. Prerequisites: Three courses in art history; junior standing. (IRR)

Attributes: HU

3 Credits

ARTH 39500 Performance, Institutional Critique, and the Museum (LA)

Explores relationship between contemporary artists, art museums, and commercial art galleries since 1960. Examines how art forms such as performance art and institutional critique engage critically with art museums and galleries. Prerequisites: One 200-level ARTH course. (IRR)

Attributes: HU, SCE

3 Credits

ARTH 39600 Exhibiting African Art (LA)

Examines how African art entered western collections from the earliest treasuries and cabinets of curiosities, to ethnography museums, private collections and finally art museums and galleries. Considers how museum installations respond to historical and political circumstances. Focuses primarily on traditional African art, but also studies how the display of this art continues to have an impact on contemporary African art and the market. Prerequisites: One art history course at level 2 or above; junior standing. (IRR)

Attributes: AN1

3 Credits

ARTH 39700 Selected Topics in Museum Studies (LA)

Advanced topics in museum studies. Specific course topic varies. May be repeated for credit for different topics. Prerequisites: One ARTH course at level 2 or above; junior standing.

3 Credits

ARTH 40100 Art History Capstone (LA)

Explores the relationships between the Art History major, the various components of the integrative core curriculum (ICC), other learning experiences at the College, and future goals. Students reflect on the role of a liberal arts education. Prerequisites: Senior standing; Art History majors only. (S,Y)

Attributes: CP, FA, HU

1 Credit

ARTH 48000 Senior Portfolio: Architecture (LA)

A critical appraisal of architectural projects, writing and research, and other related visual and textual materials created as part of a student's major in architectural studies. Through an assessment of their undergraduate production, students will be expected to explain and expand on past projects; apply knowledge of history, structure, and design theory to these projects; and discover systems of presenting their work to a variety of audiences. Prerequisites: architectural studies major with senior standing; ARTH 30200. (Y)

Attributes: CP, FA

1 Credit

ARTH 49000-49014 Seminar in Art History (LA)

A central topic with class discussion, individual research, and presentation of papers as major parts of the course. This course may be repeated for credit for seminar topics on different subjects. Prerequisites: 3 courses in art history including one art history course at the 300-level or 3 courses in art history and senior standing. (F-S,Y)

Attributes: HU, WI

3 Credits

ARTH 49050-49057 Seminar in Art History: Architecture Topic (LA)

A central topic with class discussion, individual research, and presentation of papers as major parts of the course. This course may be repeated for credit for seminar topics on different subjects. Prerequisites: 3 courses in Art History including one Art History course at the 300-level or 3 courses in Art History and senior standing. (F-S,Y)

Attributes: HU, WI

3 Credits

ARTH 49058 Seminar: Architecture Topic (LA)

A central topic with class discussion, individual research, and presentation of papers as major parts of the course. This course may be repeated for credit for seminar topics on different subjects. Prerequisites: 3 courses in Art History including one Art History course at the 300-level or 3 courses in Art History and senior standing. (F-S,Y)

Attributes: HU, WI

3 Credits

ARTH 49059-49060 Seminar in Art History: Architecture Topic (LA)

A central topic with class discussion, individual research, and presentation of papers as major parts of the course. This course may be repeated for credit for seminar topics on different subjects. Prerequisites: 3 courses in Art History including one Art History course at the 300-level or 3 courses in Art History and senior standing. (F-S,Y)

Attributes: HU, WI

3 Credits

ARTH 49200 Tutorial in Art History (LA)

Discussion and research-based study on a focused topic in small group setting under faculty guidance. Availability of specific tutorial and faculty to be determined in advance of registration. Prerequisites: Art History or Architectural Studies major with senior standing or permission of the department chair; permission of instructor. (F,S,Y)

Attributes: FA, HU, WI

3 Credits

ARTH 49300 Exhibition Seminar (LA)

Address the issues of exhibition-related curatorial work, and students will work together to curate an exhibition for the Handwerker Gallery and write the accompanying exhibition catalogue. Subjects covered include exhibition planning, organization, and installation; writing and producing catalogues and didactic materials; developing and implementing related programming; and the challenges in each phase of exhibition development from the original idea to its full realization. Prerequisites: Three courses in art history; WRTG 10600 or ICSM 10800-10899 or ICSM 11800-11899; senior standing. (IRR)

Attributes: HU, WI
3 Credits

ARTH 49400 Internship: Art History (NLA)

The internship provides an opportunity to gain practical experience working in a gallery or museum, under the joint supervision of a member of the museum staff and an Ithaca College faculty member. Internships are arranged individually at the student's request, subject to the availability of an appropriate museum or gallery slot. Internships may be carried out locally, at a remote location, or through Ithaca College's New York (ICNYC), Washington D.C. or London programs. Prerequisites: Three art history courses; sophomore standing or above; permission of instructor. (IRR)

1-6 Credits

ARTH 49700 Independent Study: Art History (LA)

Program of special reading and research under the supervision of a specialist in art history. Offered only on demand and by special permission. (IRR)

Attributes: FA, HU
1-4 Credits

ARTH 49800 Senior Internship (NLA)

An opportunity for senior majors to gain practical experience in the fields of art and architectural history, under the joint supervision of a site supervisor and an Ithaca College faculty member. Internships are arranged individually by the student and are subject to the availability of an appropriate internship position. Prerequisites: Art History or Architectural Studies major with senior standing or permission of the department chair and permission of instructor. (Y)

3-4 Credits

ARTH 49900 Honors Independent Study (LA)

Student-designed program of individualized reading, discussion, and research, culminating in the preparation and presentation of an honors thesis. Developed under the supervision of art history faculty. Prerequisites: WRTG 10600 or ICSM 10800-99 or ICSM 11800-99; Senior standing. Offered only by special permission: see "Requirements for Honors in Art History." (IRR)

Attributes: WI
3,4 Credits

Astronomy (ASTR)

ASTR 17400 Solar System Astronomy (LA)

Survey of the solar system from the earliest conceptions of motions in the sky to modern findings of space exploration in the solar system. Emphasis is placed on physical processes and dynamics of the moon, earth, planets, comets, meteoric matter, and asteroids. Astronomical instruments and measurements. Prerequisites: Math placement score 3 or 2 or 1 or completion of MATH 10000 (with a C- or better). (Y)

Attributes: SC, TIII, TWOS
3 Credits

ASTR 17500 Stars, Galaxies and the Universe (LA)

Survey of the universe lying beyond the solar system; introduction to characteristics and motions of stars; stellar structure and evolution; interstellar matter; star clusters, the sun, galaxies; introduction to cosmology; the question of life in the universe; astronomical instruments and measurements. Prerequisites: Math placement score 3 or 2 or 1 or completion of MATH 10000 (with a C- or better). (Y)

Attributes: SC, TIDE, TIII
3 Credits

ASTR 17800 Astronomy Laboratory (LA)

Activities include both outdoor observing sessions and indoor lab exercises. Outdoor sessions emphasize learning the night sky and hands-on use of telescopes. Indoor laboratories emphasize data analysis through the use of celestial globes, spectroscopes, computer simulation, and image processing. Prerequisites: ASTR 17400 or ASTR 17500 (either may be taken concurrently). (IRR)

1 Credit

ASTR 37200 Astrophysics (LA)

Calculus-based introduction to the thermal, electromagnetic, and quantum mechanical properties of celestial objects. Topics include celestial mechanics, interactions of radiation with matter, thermal radiation, formation of spectral lines, and structure, formation and evolution of stars and galaxies. Prerequisite: PHYS 21800. (S,O)

3 Credits

Biochemistry (BIOC)

BIOC 19100 Research in Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS
1-3 Credits

BIOC 19200 Research: Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS
1-3 Credits

BIOC 29100 Research in Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS
1-3 Credits

BIOC 29200 Research: Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS
1-3 Credits

BIOC 33300 Biochemistry and Molecular Biology (LA)

A one-semester survey course covering the main concepts of biochemistry and molecular biology. Covers protein structure, enzymology, core metabolism, nucleic acid structure, DNA replication, transcription and translation from a molecular perspective. Lecture/discussion: Three hours. Not open to students who have completed BIOC 35300 or BIOC 35400. Prerequisites: BIOL 11900 or BIOL 12100; CHEM 22200. (S,Y)

Attributes: BIEL

3 Credits

BIOC 35300 Biochemistry: Protein Structure & Function (LA)

Introduction to biochemistry, including consideration of protein, enzyme, carbohydrate, and lipid structure and function, and metabolism of sugars, fatty acids, and amino acids. Mechanisms of reactions and control of pathways are stressed. Three hours of lecture per week. Prerequisites: CHEM 22200 and 23200. (F,Y)

Attributes: BIEL, QL

3 Credits

BIOC 35400 Biochemistry: Molecular Biology of the Gene (LA)

The structure of nucleic acids and chromosomes, replication of DNA, mutation and repair, DNA recombination, transcription, RNA processing, translation, gene regulation in prokaryotes and eukaryotes, genes and development, and molecular medicine will be covered. Three hours of lecture and one hour of discussion per week. Prerequisites: CHEM 22200 and BIOL 22700. (S,Y)

Attributes: BIEL

4 Credits

BIOC 39000 Independent Research in Biochemistry (LA)

In consultation with a faculty member, student will plan and execute a research project in biochemistry or related area. The project will culminate in a research paper describing the findings as well as an oral presentation delivered to the department of the faculty advisor. Prerequisites: BIOL 22700; CHEM 23200; permission of instructor. (F-S, Y)

3 Credits

BIOC 39100 Research in Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS

1-3 Credits

BIOC 39200 Research: Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS

1-3 Credits

BIOC 41000 Experimental Biochemistry (LA)

Immersion in a project-based research environment, focusing on current methodologies in biochemistry, molecular biology, genomics, and bioinformatics. In a highly collaborative atmosphere, students will form an interactive research team that engages in rigorous scientific problem solving through the sharing of ideas and progress reports. Prerequisites: BIOC 35300; BIOC 35400 (may be taken concurrently). (S,Y)

Attributes: ENRE, NS

3 Credits

BIOC 48100 Current Topics in Biochemistry (LA)

Discussion of major research areas of current interest. Topics change from year to year, but may include genetic engineering and cloning techniques, mechanisms of carcinogenesis, toxicology, immunology, and gerontology. Prerequisites: WRTG 10600 or ICSM 10800-10899 or ICSM 11800-11899; BIOC 35300 and BIOC 35400. (S,Y)

Attributes: BIEL, CP, WI

3 Credits

BIOC 49100 Research in Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS

1-3 Credits

BIOC 49200 Research: Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS

1-3 Credits

BIOC 49700 Honors Research in Biochemistry (LA)

After consultation with a selected honors committee from biology and chemistry faculty, the student undertakes a research project under the guidance of a faculty member. An honors thesis and an oral defense of the thesis are required. Prerequisites: Admission to honors program; three credits of research at level 3 or above.

Attributes: NS

3-4 Credits

BIOC 49800 Honors Research: Biochemistry (LA)

After consultation with a selected honors committee from biology and chemistry faculty, the student undertakes a research project under the guidance of a faculty member. An honors thesis and an oral defense of the thesis are required. Prerequisites: Admission to honors program; three credits of research at level 3 or above.

Attributes: NS

3-4 Credits

Biology (BIOL)

BIOL 10100 Plagues & Peoples (LA)

This course focuses on the significant socio-economic, cultural, and political impacts of plagues and epidemics from historical through modern times. We explore the vectors of disease such as viruses, parasites, and bacteria. Although modern medical advances have improved disease control, inequities in access to these treatments is at the root of modern power struggles. This is a general education course intended for non-science majors. (IRR)

Attributes: AN2, SC, TIDE, TPJ

3 Credits

BIOL 10210 Biology of Sex (LA)

An evolutionary analysis of reproductive behavior, taking a comparative approach among animals, including humans, to better understand our own sexuality and behavior in a biological context. Topics include asexual and sexual reproduction; sex determination; genetic and environmental determinants of sexual behavior; male and female tactics; mating systems (monogamy, polyandry, polygyny); conflict of interests between the sexes; courtship displays; mate choice; assuring paternity; and parental care. This is a general education course intended for non-science majors. Lecture/discussion: Three hours. (S,O)

Attributes: 2A, NS, SC, TIDE, TIII, WGS, WGSJ

3 Credits

BIOL 10310 New and Emerging Diseases (LA)

Examines the phenomenon of new and emerging diseases and their effects on humans. Topics include the history of emerging or reemerging diseases, epidemics and pandemics, the role of ecological factors in disease emergence, types of infectious agents, their mechanisms of action, and how our immune system responds to infection by these agents. We examine factors – such as antibiotic resistance, population, environmental changes, global travel, and global warming – that contribute to diseases in the 21st century. We also discuss how political, economic, social, and cultural factors contribute to the emergence of diseases and the response to those diseases. This is a general education course intended for non-science majors. (S,Y)

Attributes: 2A, AN2, NS

3 Credits

BIOL 10400 Environmental Biology (LA)

Blends general ecological concepts with evaluations of several environmental problems. Topics include the growth and regulation of natural populations compared to human populations; our use and future supplies of energy, from food to nuclear power; and the preservation of wildlife. The pollution of our environment by human activities is emphasized. This is a general education course intended for non-science majors. Lecture/discussion: Three hours. (F,S,Y)

Attributes: 2A, NS, SC, TQSF

3 Credits

BIOL 10600 Plants, People, and Food Production (LA)

Major emphasis is placed on the structure and function of plants; the use of plants in food production; the structure of agricultural technology; the relationship between world food supply and the population problem; scientific, social, and economic aspects of food production. This is a general education course intended for non-science majors. Lecture/discussion: Three hours. (IRR)

Attributes: 2A, AN2, NS, SC, TQSF, TWOS

3 Credits

BIOL 10700 Human Genetics (LA)

Heredity in human families and populations; genetic basis of normal and abnormal traits; chromosome behavior and sex determination. Emphasis is placed on the social, ethical, and political issues in genetics. This is a general education course intended for non-science majors. Lecture/discussion: Three hours. (F,E)

Attributes: 2A, AN2, NS, SC, TIDE, TIII

3 Credits

BIOL 10800 The Human Organism (LA)

Study of the structure and function of the human body. Primary emphasis is placed on normal body function, with a secondary emphasis placed on common diseases. For non-science majors; cannot be taken by students who have completed BIOL 11500, BIOL 11900, or BIOL 12100. Lecture/discussion: Three hours. (F,Y)

Attributes: 2A, NS, SC, TIDE, TWOS

3 Credits

BIOL 10900 Life in the Ocean (LA)

Study of the diversity of life found in the ocean with special attention to how ocean life impacts and is impacted by humans. Threats to ocean diversity will be looked at from the standpoint of their effects on both individual organisms and various ocean ecosystems. There will be one open lab during the semester. This is a general education course intended for non-science majors. Lecture: Three hours. (IRR)

Attributes: 2A, NS, SC, TIDE, TPJ

3 Credits

BIOL 11010 History of Life on Earth (LA)

This course will present what we know about the geologic past. Methodologies used to study the past history of our planet will be introduced. The course will also critically analyze topics that frequently appear in the popular media such as new paleontological discoveries, new views on dinosaur biology, mass extinctions, and processes of evolution. This is a general education course intended for non-science majors. Lecture/discussion: Three hours. (S,Y)

Attributes: 2A, NS, SC, TIII, TWOS

3 Credits

BIOL 11300 Insects and People (LA)

Why insects are the most successful animals on earth, and their negative and positive effects on people. Topics include insect structure, function, reproduction, development, and behavior; insects as pollinators and producers of useful products; insects as scavengers and applications in forensic science; insects as vectors of disease; agricultural, forestry, and household pests; chemical and biological control of insect pests. This is a general education course intended for non-science majors. Lecture/discussion: Three hours. (F,O)

Attributes: 2A, NS, SC, TIII, TQSF

3 Credits

BIOL 11400 Exploring the World Through Evolutionary Biology (LA)

Examination of the mechanisms that have resulted in the rich diversity of life on our planet. Emphasis on how evolutionary biology helps us to understand current issues in ecology, conservation biology, global climate change, agriculture, human health and medicine, and human behavior. Topics include: the fossil record, biodiversity, mass extinctions, human evolution, infectious diseases and antibiotic resistance. (IRR)

Attributes: 2A, AN2, NS, SC, TIII

3 Credits

BIOL 11500 Essentials of Biology (LA)

A one-semester general biology course for nonmajors covering basic physiology, genetics, and development. Evolutionary trends and ecological relationships are discussed. The influence of biology on the lives of humans is emphasized. This is a general education course intended for non-science majors. Lecture/discussion: Three hours. (IRR)

Attributes: 2A, NS

3 Credits

BIOL 11800 Island Biology (LA)

An introduction to the biology of islands and the impacts of human activity on island ecosystems. Focuses on flora and fauna of islands and considers evolution on islands, island endemics, adaptive radiation, as well as the impacts of human activities including climate change, introduced species and tourism. This course is intended for non-science majors; students who have already taken the ICSM Island Life or BIOL 22300 (Biology of Oceanic Islands) cannot take this course for credit. (IRR)

Attributes: SC, TQSF, TWOS

3 Credits

BIOL 11900 Fundamentals of Biology: Cells and Bodies (LA)

A survey of biology for physical and occupational therapy, exercise science, and other health-related majors. Covers cell structure, cellular respiration, mitosis and meiosis, genetics, DNA structure and function, and animal physiology. Lecture: Three hours. Laboratory: Three hours.

(F,Y)

Attributes: 2A, NS

4 Credits

BIOL 12000 Fundamentals of Biology: Ecology and Evolution (LA)

A survey of biology for physical and occupational therapy, exercise science, and other health-related majors. Meets the biology requirement for environmental studies majors. Covers microevolution, macroevolution (patterns of evolution of the kingdoms, of phyla of plants and animals, and of classes of vertebrates), and ecology (general and human) at the level of populations, communities, and ecosystems. Lecture: Three hours. Laboratory: Three hours. (S,Y)

Attributes: 2A, NS

4 Credits

BIOL 12100 Principles of Biology, Cell and Molecular (LA)

One of two core introductory lecture-laboratory courses for biology and other science majors that surveys the field of biology. Major emphasis is placed on biochemistry, cellular biology, and genetics, and their impact on organismal structure and function. Lecture/discussion: Three hours. Laboratory: Three hours. (F, Y)

Laboratory: Three hours. (F, Y)

4 Credits

BIOL 12200 Principles of Biology, Ecology and Evolution (LA)

One of two core introductory lecture-laboratory courses for biology and other science majors that surveys the field of biology. Concentrates on the origins and maintenance of biodiversity through evolutionary and ecological processes. Lecture/discussion: Three hours. Laboratory: Three hours. (S,Y)

Attributes: 2A, NS

4 Credits

BIOL 16000 Natural World by the Numbers (LA)

Practical application of precollege level mathematics to natural phenomena. Practice evaluating the interpretation and presentation of data. Cross-listed with CHEM 16000. Prerequisites: Passing score on math competency exam. (IRR)

Attributes: NS

3 Credits

BIOL 19702 The Biology of Cancer (LA)

Investigates how cancer cells function and how genetic and environmental factors lead to the transformation of cells. Examines the cellular systems, including the immune system, designed to protect normal cells from becoming cancerous, the growth and behavior of tumors, the phenomena of invasion and metastasis, and the treatment and statistics of cancers. (S,Y)

Attributes: 2A, NS, SC, TWOS

3 Credits

BIOL 20000 Independent Study: Biology (LA)

For students pursuing special laboratory projects or literature research and for teaching interns (working within the department). Discussion and/or laboratory to fit the student's needs. Course level determined by the intended degree of independence and originality of the student's work, and the extent of the student's background courses. Course may be repeated for different projects. Offered on demand only. Prerequisites: Permission of instructor.

Attributes: UND

1-3 Credits

BIOL 20300 Invertebrate Zoology (LA)

The vast majority of species found on earth are invertebrates. These include many species used as "model systems" for developmental and genetic research, most parasites and vectors of disease, and most species studied in marine biology. This course emphasizes a "body plan" approach to studying invertebrates: exploring the different morphological and physiological solutions that the organisms have used to cope with environmental conditions and to accomplish the basic tasks necessary for survival. Evolutionary relationships among invertebrate phyla are examined using recent lines of evidence from developmental biology and molecular biology, as well as comparative morphology. Lab exercises include field trips to collect and study invertebrates of the region. Lecture: Three hours. Laboratory: Three hours. Prerequisites: BIOL 12200 or BIOL 12000. (F,O)

Attributes: BIEL

4 Credits

BIOL 20400 Selected Topics: Biology (LA)

Intermediate course with a specialized focus chosen by faculty members or resulting from student requests. May be repeated for credit when topics vary. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200. (IRR)

Attributes: BIEL

2-4 Credits

BIOL 20500 Biology of Aging (LA)

Study of theoretical and measured aspects of the aging phenomenon as it influences human biology. Topics range from the subcellular to whole populations. Course may not be used to fulfill requirements in the biology major or minor. Prerequisites: Sophomore standing. (S,Y)

Attributes: 2A, NS, SC, TMBS

3 Credits

BIOL 20600 Primary Human Anatomy (LA)

A one-semester introduction to human anatomy designed for physical and occupational therapy majors in preparation for cadaver dissection. Lecture topics include anatomical terminology; tissues types; skeletal, muscular, and nervous systems; and regional anatomy. Emphasis in laboratory is placed on bones, muscle attachments, actions and innervations, and dissection skills. Prerequisites: BIOL 11900 or BIOL 12100 and sophomore standing. (S,Y)

Attributes: BIEL, ENRE

3 Credits

BIOL 20700 Communicating Biology (LA)

Develop best practices for presenting biological research findings orally and in writing. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200; WRTG 10600 or equivalent. Enrollment limited to Biology majors. (F-S,Y)

Attributes: BIEL, WI

3 Credits

BIOL 20900 Experiences in Biology (NLA)

Supervised, hands-on, group experience in the biological sciences that is connected to a course that provides the background and preparation for the experience. Experiences often involve travel that is typically scheduled during winter, May, or summer terms. Experiences may encompass a range of activities, but emphasize immersion in a particular topic or activity in a non-traditional setting. This course may be repeated. Prerequisites: permission of instructor. (IRR)

0-1 Credits

BIOL 21000 Research in Biology (LA)

For students who desire research work but have not yet completed BIOL 30200. Prerequisites: One introductory biology course; permission of instructor. May be repeated once for credit. (F-S,Y)

Attributes: UND

1-3 Credits

BIOL 21200 Conservation Biology (LA)

Introduction to principles of conservation biology issues used to understand and reverse the current worldwide species loss. Examination of case studies of local and global conservation efforts to combat this species loss. Lab exercises include field trips. Lecture: Three hours.

Laboratory: Three hours. This course is cross-listed with ENVS 21200; students cannot receive credit for this course and ENVS 21200.

Prerequisites: Any 10000-level ENVS or BIOL course. (IRR)

Attributes: BIEL, ENRE

4 Credits

BIOL 21400 Animal Physiology (LA)

The study of physiological mechanisms, from the molecular and cellular to the organismic level, with an emphasis placed on unique adaptations to environmental stresses. Specific topics include the mechanisms underlying nerve function, movement, circulation, respiration, and endocrine regulation. Lecture: Three hours. Laboratory: Three hours.

Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200. (F,Y)

Attributes: BIEL, ENRE

4 Credits

BIOL 22300 Biology of Oceanic Islands (LA)

The mechanisms of evolution and the factors that drive speciation on island systems are covered in detail. Topics include: island biogeography, global and island climate, ecological niches, natural selection, adaptive radiation, invasive species, conservation biology, and the impacts of anthropogenic activities on island habitats. Prerequisites: BIOL 12000 or BIOL 12200. (IRR)

Attributes: BIEL

3 Credits

BIOL 22500 The Power of Plants: Plants in Medicine and Agriculture (LA)

Explores the important roles of plants in modern society and indigenous cultures, with specific focus on plants as sources of medicines and food. Other topics include plant classification; the mechanisms of bioactive plant compounds in humans; the evolution, domestication, and genetic modification of crop plants; plant conservation; and ownership of nature. Lectures include discussions based on readings as well as lectures.

Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200. (F,O)

Attributes: BIEL

4 Credits

BIOL 22700 Genetics (LA)

Principles of heredity; survey of classical genetics, human genetics, modern molecular and microbiological genetics; studies of confidence of analysis of genetic data; and interrelating transcription and translation at the cellular and organismal level. Lecture: Three hours. Laboratory: Three hours. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200; CHEM 12100 or CHEM 12300. (F,S,Y)

Attributes: BIEL, ENRE

4 Credits

BIOL 22800 The Evolution of Adaptations (LA)

Utilizes a comparative approach to analyze some of the most significant adaptations in organismal biology, highlighting fundamental processes and common patterns in evolution. Anatomical, paleontological, developmental, molecular and functional evidence will be considered.

Lecture: Three hours. Prerequisites: BIOL 11900 or BIOL 12100;

BIOL 12000 or BIOL 12200. (IRR)

Attributes: BIEL

3 Credits

BIOL 27100 General Ecology (LA)

Presents the basic concepts of ecology with balanced treatment of plant and animal examples. Topics include the interactions among individuals of a population, interactions in their abiotic environment, and interactions with other species. Also discussed are growth, regulation, diversity, and stability of populations, and the interactions among populations at the community and ecosystems levels. Laboratories include field and laboratory work and statistical analyses of data. Lecture: Three hours.

Laboratory: Three hours. Prerequisites: BIOL 12000 or BIOL 12200. (F,Y)

Attributes: BIEL, ENRE

4 Credits

BIOL 27500 Field Biology (LA)

Survey of the ecosystems of central New York. Areas of emphasis are direct experience of the diversity of ecosystems and their structure and function; adaptations of organisms to specific ecosystems; recognition of dominant and indicator species; human impact on ecosystem function and species diversity; and the methods used to measure these parameters. Lectures emphasize the unique attributes of different ecosystems and the techniques of data gathering and analysis. Analyses of societal impact and management of ecosystems are included. Lecture: Two hours. Laboratory: Six hours. Prerequisites: Two of the following: BIOL 12100, BIOL 12200, BIOL 12000, ENVS 12100. (F,O)

Attributes: BIEL, ENRE, ESTS

4 Credits

BIOL 28400 Field Ornithology (LA)

Relation between climate, habitat, and regional bird species. Lecture and laboratory in bird anatomy, territoriality, migration, and song.

Fieldwork: Saturday morning trips and bird banding. Lecture: Three hours. Laboratory: Three hours. Prerequisites: BIOL 11500, BIOL 11900, BIOL 12000, BIOL 12100, or BIOL 12200. (FE)

Attributes: BIEL, ENRE, ESTS

4 Credits

BIOL 30000 Independent Study: Biology (LA)

For teaching interns (working within the department) and for students pursuing special laboratory projects or literature research. Discussion and/or laboratory to fit the student's needs. Course level determined by the intended degree of independence and originality of the student's work and the extent of the student's background courses. Course may be repeated. Offered on demand only. Prerequisites: Permission of instructor.

Attributes: UND

1-3 Credits

BIOL 30200 Research in Biology (LA)

Research for biology majors. It is recommended that projects be performed during the junior year. Research areas must be selected by midterm of the semester prior to enrollment. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200; BIOL 20700 (may be taken concurrently); permission of instructor. (F,S,Y)

Attributes: NS

3 Credits

BIOL 30400 Selected Topics: Biology (LA)

Advanced course with a specialized focus chosen by faculty members or resulting from student requests. May be repeated for credit when topics vary. Prerequisites: One 200-level BIOL course; Permission of instructor. (IRR)

Attributes: BIEL

2-4 Credits

BIOL 30500 Invasive Species (LA)

Examines the ecology and evolution of invasive species through discussion of current literature and field cases. Considers community vulnerability to invasion, characteristics of invaders, and the process, impact, and potential management responses for biological invasion. Prerequisites: BIOL 27100. (IRR)

Attributes: BIEL

4 Credits

BIOL 30800 Animal Behavior (LA)

Explores the proximate causes and ultimate evolutionary explanations for the behavior of animals. Introduces the study of behavioral ecology by examining basic ecological problems and evaluating the behavioral solutions animals use to solve them. Lecture topics include the development of behavior, control of behavior, communication, adaptive response to predators, adaptive feeding behavior, male and female reproductive tactics, the evolution of mating systems, adaptive tactics of parents, and social behavior. Emphasis in the laboratory is placed on observation and an experimental approach to animal behavior. Lecture: Three hours. Laboratory: Three hours. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200; one other course in biology at 200-level or above (excluding BIOL 20500). (F,E)

Attributes: BIEL, ENRE

4 Credits

BIOL 31500 Neurobiology (LA)

Study of the biology of the nervous system with an emphasis placed on the molecular and cellular mechanisms underlying nerve function. Also considers the function of the nervous system on an organismic level and the underlying causes of nervous system disease. Topics include ion channel function; neurotransmitters in the nervous system; sensory systems; motor systems and response to injury; and learning and memory. Lecture and discussion, with an emphasis placed on reading and analyzing the scientific literature. Prerequisites: BIOL 11900 or BIOL 12100; PSYC 31100 or one additional biology course at 200-level or above (excluding BIOL 20500). (S,Y)

Attributes: BIEL

4 Credits

BIOL 32400 Wonderful Life: Genes, Evolution, and Biodiversity (LA)

An overview of evolutionary biology that includes the study of both microevolutionary and macroevolutionary change, as well as the mechanisms of such change, using examples from many types of organisms. Topics include the studies of Charles Darwin, the modern synthesis, natural selection, population and quantitative genetics, analysis of adaptation, and mechanisms of speciation. Lectures are supplemented with outside readings and videos. Prerequisites: BIOL 22700 or BIOL 27100. (F,E)

Attributes: AN2, BIEL

3 Credits

BIOL 33000 Genomics, Bioinformatics, and Computational Biology (LA)

This course focuses on the genome, how it is used to build functional organisms, and how it can be compared within and between species to gain insight on biological processes and patterns of evolution. Emphasis will be on computational tools required by biologists for extracting and interpreting the vast amounts of data generated by emerging technologies. Prerequisites: BIOL 22700. (F,IRR)

Attributes: BIEL

4 Credits

BIOL 34500 Developmental Biology (LA)

Biology of embryonic development. The course covers the major unifying features of vertebrate and invertebrate development and focuses on the molecules that control these processes. Topics include regulation of gene expression, cell fate determination, fertilization, embryonic pattern formation, cell signaling, stem cells, and the relationships between development and disease. Lecture/lab: Four hours. Prerequisites: BIOL 22700. (F,O)

Attributes: BIEL, ENRE

4 Credits

BIOL 35200 Microbiology (LA)

Examines the structure, physiology, and genetics of microorganisms. Emphasis placed on understanding microbial growth, ecology, use of microorganisms in research and commerce, how microorganisms impact food and water quality, and the immune response to pathogens. Lecture: Three hours. Laboratory: Three hours. Prerequisites: BIOL 22700. (S,O)

Attributes: BIEL, ENRE

4 Credits

BIOL 35400 Cell Biology (LA)

Study of the relationship and unity of structure and function in living cells and cell populations. Emphasis is placed on cell organelles, cell membrane systems, and the functions of cells in cell recognition, cell signaling, regeneration, and malignancy. Prerequisites: BIOL 22700 and CHEM 22100. (F,Y)

Attributes: BIEL, ENRE

4 Credits

BIOL 37300 Plant Physiology (LA)

Intensive study of the basic physiological and biochemical processes of plants. Emphasis is placed in interaction between cellular structure and function, as well as coordination of the various physiological processes throughout the organism. Lecture: Three hours. Laboratory: Three hours. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200; CHEM 12100 or CHEM 12300; CHEM 22100. (IRR)
Attributes: BIEL, ENRE
4 Credits

BIOL 37900 Aquatic Ecology (LA)

Explores the biological, chemical, and physical features of lakes and other inland aquatic habitats. Focuses on interactions among organisms, interactions between organisms and their environment, and on the physiological adaptations of species to the aquatic environment. Lecture/discussion: Three hours. Laboratory: Three hours. Prerequisites: BIOL 12200; CHEM 12100 or CHEM 12300; junior standing. (IRR)
Attributes: BIEL, ENRE
4 Credits

BIOL 40000 Research in Biology (LA)

For students desiring further research work beyond level 3. This course may be taken twice for credit. Prerequisites: Permission of instructor. (F-S,Y)
Attributes: UND
1-3 Credits

BIOL 40100 Biology Honors Program (LA)

Research and thesis for biology majors pursuing the honors program. It is recommended that the research program begin before the start of the fall of the senior year and continue to the end of the senior year. Prerequisites: Acceptance into the honors program. (F-S,Y)
Attributes: NS
2-3 Credits

BIOL 40200 Biology: Honors Program (LA)

Research and thesis for biology majors pursuing the honors program. It is recommended that the research program begin before the start of the fall of the senior year and continue to the end of the senior year. Prerequisites: Acceptance into the honors program. (F-S,Y)
Attributes: NS
2-3 Credits

BIOL 40400 Selected Topics: Biology (LA)

Advanced research methods course with a specialized focus chosen by faculty members or resulting from student requests. May be repeated for credit when topics vary. Prerequisites: BIOL 30200 or BIOC 39000 or BIOC 41000; Permission of instructor. (IRR)
Attributes: BIEL
2-4 Credits

BIOL 40500 Parasites and Vectors of Disease (LA)

General survey of parasitism throughout the animal kingdom, with special attention to parasites important to human and veterinary medicine. Topics include: systematics, morphology, and life cycles of parasites; coevolution of hosts and their parasites; the use of parasites and parasitoids as biological control agents of pest species; and the influence of parasites on population biology and community structure of host species. Lecture: Three hours. Laboratory: Three hours. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200; one other course in biology at level 2 or above; BIOL 20700 (may be taken concurrently) or BIOC 35300 (may be taken concurrently). (F,E)
Attributes: BIEL
4 Credits

BIOL 41100 Biology Seminar (LA)

Seminars, discussion, and readings in the biological sciences. Required of all biology majors. Prerequisites: BIOL 20700 (may be taken concurrently) and junior standing. Pass/fail only. (F-S, Y)
0.5 Credit

BIOL 41200 Biology: Seminar (LA)

Seminars, discussion, and readings in the biological sciences. Required of all biology majors. Prerequisites: BIOL 41100 and junior standing. Pass/fail only. (F-S,Y)
0.5 Credit

BIOL 41400 Capstone in Biology (NLA)

Students will explore connections between the integrative core curriculum, their biology major, other learning experiences while at Ithaca College or abroad, and future goals. Students will create a written reflection that integrates their various learning experiences and how their experience at Ithaca College has prepared them to achieve their future goals. Students will also prepare a cover letter, curriculum vitae, and personal statement; identify career opportunities, and develop a showcase electronic portfolio. (F,Y)
Attributes: CP
1 Credit

BIOL 44000 Inquiry and the Nature of Science for the Science Teacher (LA)

Considers issues pertaining to the nature and practice of science, especially as they relate to science education. Explores aspects that distinguish scientific inquiry from other forms of inquiry. Examines safety issues of teaching science in a classroom, and teaching science in the context of the community. Cross-listed with CHEM 44000 and PHYS 44000. Students can receive credit for only one of: BIOL 44000, PHYS 44000, CHEM 44000. Prerequisites: EDUC 34000 and junior standing. (IRR)
Attributes: NS
3 Credits

BIOL 46100 Ecophysiology (LA)

Examines the function and performance of animals and plants in their environment. This course integrates information from molecular biology through organismal physiology to understand the mechanisms that allow organisms to survive in their physical, chemical, and biological environments. This information is analyzed to understand how these small-scale processes affect higher levels of organization, from biotic communities up to global-level issues. Topics include adaptations to extremes in temperature, energy availability, moisture, and nutrients. Examples will be taken from organisms living in a wide variety of environments, including deserts, the Arctic, temperate forests, marine environments, and rain forests. Lecture and discussion, with an emphasis on reading and analyzing the scientific literature. Prerequisites: BIOL 27100; BIOL 21400 or BIOL 37300. (S,E)
Attributes: BIEL
4 Credits

BIOL 47600 Endocrinology (LA)

Introduces the mechanisms by which hormones control their targets and provides background on the major vertebrate hormones. The course then covers current research in endocrinology, analyzing topics such as weight control, growth, gender differentiation, reproduction, the stress response, and environmental endocrine disrupters. Lecture and discussion, with an emphasis placed on reading and analyzing the scientific literature. Prerequisites: BIOL 21400; BIOC 35300 or BIOL 20700, (may be taken concurrently). (S,O)
Attributes: BIEL
4 Credits

BIOL 47800 Evolution (LA)

An overview of the field of evolutionary biology that includes the study of both microevolutionary and macroevolutionary change and the mechanisms of change. Specific topics of focus will include the nature of natural selection, population genetics, molecular evolution, adaptation, mechanisms of speciation, phylogenetic analysis, sexual selection, and the evolution of social behavior. Lecture: Three hours. Discussion: One hour. Prerequisites: BIOL 22700; Junior standing. (IRR)

Attributes: AN2, BIEL

4 Credits

BIOL 49250 Seminar in Neuroscience (LA)

Intensive investigation of selected topics in neuroscience intended primarily for neuroscience minors. Cross-listed with PSYC 49250.

Students cannot receive credit for BIOL 49250 and PSYC 49250.

Prerequisites: Senior standing; permission of instructor. (S,Y)

Attributes: BIEL

3 Credits

Business-Interdisc Studies (BINT)

BINT 10000 First-Year Seminar in Business (NLA)

Links the challenges faced by first-year college students with similar demands in business settings. Students learn that many of the issues they face individually in transition from high school to college have parallels to those faced in business organizations. Topics covered include time management, goal setting, learning styles, communication skills, and resource utilization, among others. Open to first-year business students only. (F,Y)

1 Credit

BINT 10100 World of Business (NLA)

Surveys the functional areas of business – finance, accounting, human resources, production, marketing, and international business – and reviews the socioeconomic, political, and legal factors that influence business decisions in a global economy. In addition, the course links the challenges faced by first-year college students with similar demands on management in business settings. Topics covered include time management, goal setting, stress management, career development, and other topics related to student and career success. Open to first-year students in business and first-year exploratory majors only. A student may not receive credit for this course and MGMT 11100 if taken at Ithaca College. (F,Y)

3 Credits

BINT 10400 Informational Interview (NLA)

This program allows students to explore a career path of interest by conducting an interview with a professional. The student is expected to contact an individual within their selected profession and conduct and interview based on questions provided by the Business-Link Professions Program. Upon completion of the interview, students will write up a reflection and submit it to the Business-Link Professions Program office for review and grading. Open to first and second year business students only. This course is offered in block I and II. Prerequisites: Business-Link Professions Workshop 1, completion of School of Business Informational Interview application and Permission of Instructor. Pass/fail only. (F,S, SUM, W)

0 Credit

BINT 19800 Internship for Credit (NLA)

Off-campus experience involving varied, non-routine work designed to allow students to learn about realworld operations of an organization. Pass/fail only. (F, S, SUM, W)

1-6 Credits

BINT 19900 Washington, D.C. Practicum (NLA)

Off-campus experience in Washington, D.C., involving varied nonroutine work projects that allow students to synthesize classroom learning with on-the-job learning acquired by working in an organization. The program puts primary responsibility on the student to carry out program requirements in conjunction with a faculty sponsor. Prerequisites: BINT 10100; sophomore standing; minimum of 2.50 cumulative grade point average at Ithaca College. Credits may only be used as open elective credits and may not be used as business elective credit or to replace other business coursework. Pass/fail only. (F-S,Y)

3-6 Credits

BINT 20400 Career Exploration (NLA)

This off-campus experience gives students more insight into their desired profession through a 30 hour job shadowing experience by providing them an opportunity to observe daily functions of the organization and to interview staff in order to learn various aspects of the organization. Upon conclusion, a reflection must be submitted to the Business-Link Professions Program Office for review and grading. Open to first and second year business students only. This course is offered in block I and II. Prerequisites: Business-Link Professions Workshop 2; BINT 10400; completion of School of Business Career Exploration application and permission of instructor. Pass/fail only. (F,S,U,W)

0 Credit

BINT 21000 Boom, Bust and the American Economic Cycle (LA)

This introductory survey course will look at the historical developments in the U.S. economy with special focus on the role of capital markets and financial services industry, from the 1930s to the present. We will critically examine such crucial events as stock markets collapses, major legislations governing the operations of financial markets & institutions, and milestones like the Great Recession and the Subprime Lending Crisis. The common thread throughout the course is to identify and analyze the interrelationship of myriad political, regulatory, economic, technological, global, and socio-psychological forces that have shaped the boom and bust cycles in the US economy. Various viewpoints focusing on the practical aspects of enforcement, social welfare through consumer protection, political roadblocks, and campaign finance reform will be evaluated. Prerequisite: Sophomore Standing. (F,S)

Attributes: SO, TWOS

3 Credits

BINT 39800 Internship for Credit (NLA)

Off-campus experience involving varied, non-routine work designed to allow students to learn about realworld operations of an organization. Prerequisites: Junior Standing; good academic standing; completion of Business-Link Professions Workshops 1,2,3; School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W)

1-6 Credits

BINT 40400 Business Link Professions Program (NLA)

The Business-Link Professions Program integrates the professional development activities required of Accounting and Business Administration majors. The program enables business students to develop professional skills that are needed for successful careers. Throughout their time as majors, students complete a series of four theme-based workshops conducted by business school staff, faculty, alumni and/or employers, and one leadership certificate program, either leading-others or leadership-in-a-diverse-world. Successful completion of this course indicates the BLPP graduation requirement has been met. Pre-requisite: Senior standing. Accounting and Business Administration majors only. (P/F only). (F, S, SU)

0 Credit

Chemistry (CHEM)

CHEM 10100 Chemistry and Your Body (LA)

A course designed for students who have chosen to major in areas other than science. An introduction to the basic ideas of chemistry, the nature and structure of chemical compounds, and the meaning of chemical symbols. An application of these ideas and understandings to the chemistry of the body, with specific discussion of food, drugs, cosmetics, and other health-related topics. Three hours of lecture and/or discussion per week. Not open to students who have taken CHEM 12100 or CHEM 12300. (S,Y)

Attributes: 2A, NS, SC, TMBS, TWOS

3 Credits

CHEM 10200 Contemporary Chemical Issues (LA)

A description and discussion of new compounds and materials made by the chemical industry during the past 100 years that have properties superior to those of naturally occurring products. Many of these advances have significantly improved modern living; however, byproducts of some of these advances have also decreased the overall quality of life. After an introduction to the language and symbols of chemistry, topics related to contemporary problems and examples follow some compounds from research curiosities to industrial products. Three hours of lecture and/or discussion per week. Not open to students who have taken CHEM 12100 or CHEM 12300. (IRR)

Attributes: 2A, NS

3 Credits

CHEM 10500 Energy and the Environment (LA)

Description and discussion of types and sources of natural resources with a special emphasis placed on energy resources. Background is presented in terms of simple chemical principles understandable to students with majors other than the sciences. Topics of societal concern include air pollution, acid rain, global warming, ozone depletion, and upcoming energy shortages. Viable solutions to these problems are discussed. Primarily for students majoring in areas other than science or physical therapy. Three hours of class meeting per week, including discussion, lecture, and quizzes. Not open to students who have taken CHEM 12100 or CHEM 12300. (F,Y)

Attributes: ABSS, SC, TQSF

3 Credits

CHEM 10600 Preparation for Principles of Chemistry (LA)

Reviews fundamental mathematical skills and provides strategies for general chemistry problem solving, supporting students to develop scientific and proportional reasoning skills, as well as critical thinking and analytic problem-solving skills within a chemistry context in order to prepare them for success in CHEM 12100 Principles of Chemistry. Emphasis is placed on student participation and the application of chemistry concepts to solving real-world problems. Three hours of lecture/discussion per week. Prerequisites: Math placement in group 3, 2, or 1, or C- or better in MATH 10000. (F,Y)

Attributes: NS

2 Credits

CHEM 10800 Introduction to Technology (LA)

A course for non-science students, with an emphasis on the applications rather than the theories of science. This course examines those technologies, primarily nuclear technology (civilian and military) and biotechnology, that will significantly affect our lives in the years to come. Three hours of lecture and/or discussion per week. (IRR)

Attributes: 2A, NS

3 Credits

CHEM 11000 General Chemistry (LA)

General chemistry for occupational therapy majors. Topics from inorganic, organic, and biological chemistry, including the electronic structure of atoms, stoichiometry, equilibria, acids and bases, thermodynamics, kinetics, nomenclature, structure, and reactions of organic compounds and biochemicals. Required for occupational therapy majors. Prerequisites: High school chemistry. (S,Y)

Attributes: 2A, NS

3 Credits

CHEM 11200 Organic Chemistry and Biochemistry (LA)

Introduction to general theories and principles of organic chemistry and biochemistry. The naming and structure of organic compounds, reactivities of the various functional groups in both aliphatic and aromatic compounds, and an introduction to the organic chemistry of biologically important systems. Three hours of lecture per week, with a fourth hour scheduled for review session and exams. Prerequisites: CHEM 12100 and CHEM 12200. (S,Y)

Attributes: 2A, NS

3 Credits

CHEM 11400 Chemistry Laboratory (LA)

Designed to complement the CHEM 12100-11200 sequence. Deals with organic reactions. One laboratory per week. Prerequisites: CHEM 12100 and CHEM 12200 or CHEM 12300; CHEM 11200 prior or concurrent. (S, Y)

Attributes: 2A, NS

1 Credit

CHEM 11700 Environmental Chemistry (LA)

General principles of chemistry needed for the study of environmental science. Topics include mathematical methods, electronic structure of atoms, stoichiometry, equilibria, acids and bases, thermodynamics, kinetics, and nuclear chemistry. Not open to students who have taken CHEM 12100 or CHEM 12300. (F,Y)

Attributes: 2A, NS

3 Credits

CHEM 11900 Environmental Chemistry Laboratory (LA)

Hands-on experience with modern analytical instruments that are frequently encountered in environmental assessments. The course prepares students to be technologically knowledgeable and authoritative in their future careers. Prerequisite: CHEM 11700 (may be taken concurrently)Laboratory: Four hours. (F,Y)

Attributes: NS

1 Credit

CHEM 12000 Topics in Chemistry and Biochemistry (LA)

Introduction to research projects and selected topics in chemistry and biochemistry. Natural science faculty in Biology, Chemistry, and Physics will present topics of interest on a rotating basis. Primarily intended for biochemistry and chemistry majors. One meeting per week. Pass/Fail only. (F,Y)

Attributes: NS

1 Credit

CHEM 12100 Principles of Chemistry (LA)

Introduction to general theories and principles of chemistry stressing underlying correlations. Systematic study of the periodic table, with an emphasis on bonding and the quantitative relationships among the elements. Three hours of lecture per week. Intended for students who have completed high school chemistry with minimum grade of C. Students cannot receive credit for both CHEM 12100 and CHEM 12300.

Prerequisites: Math placement in group 3 or better. Co-requisite: CHEM 12200. (F,S,Y)

Attributes: 2A, NS

3 Credits

CHEM 12200 Principles of Chemistry Laboratory (LA)

Introduction to basic chemistry laboratory practice and techniques.

The experiments reinforce the concepts covered in CHEM 12100.

Prerequisites: Math placement in Group 3 or above. Co-requisite: CHEM 12100. (F,S,Y)

1 Credit

CHEM 12300 Principles of Chemistry - Enriched Section (LA)

Introduction to general theories and principles of chemistry, stressing underlying correlations. Systematic study of the periodic table with an emphasis on bonding and the quantitative relationships among the elements. The course covers additional topics and examples of scientific interest not included in CHEM 12100. Three hours of lecture per week and one laboratory per week. Intended for students with a strong background in chemistry with a score of 4 or 5 on AP Chemistry, or minimum score of 50 on General Chemistry CLEP, or 4-7 on IB Chemistry. Prerequisites: Math placement in group 1 and permission of instructor. Students cannot receive credit for both CHEM 12100 and CHEM 12300. (F,Y)

Attributes: 2A, NS

4 Credits

CHEM 12400 Experimental Chemistry I (LA)

Emphasis is placed on quantitative analysis, organic synthesis, and modern instrumental techniques, such as ultraviolet, visible, and infrared spectrophotometry. One lecture and one laboratory per week.

Prerequisites: CHEM 12100 and CHEM 12200, or CHEM 12300; and CHEM 22100 (may be taken concurrently). (S,Y)

Attributes: 2A, NS

2 Credits

CHEM 16000 Natural World by the Numbers (LA)

Practical application of precollege level mathematics to natural phenomena. Practice evaluating the interpretation and presentation of data. Cross-listed with BIOL 16000. Prerequisites: Passing score on math competency exam. (IRR)

Attributes: NS

3 Credits

CHEM 17100-17200 Undergraduate Instruction in Chemistry (NLA)

Qualified undergraduates are given opportunities to participate in the department's instructional program, serving as laboratory assistants and/or tutors. Prerequisites: Permission of department. Pass/fail only.

1 Credit

CHEM 18100 Selected Topics in Chemistry (LA)

Course content depends on interests of the registrants and may include informed discussions, outside reading, and either library or laboratory projects. This course may be repeated for credit for selected topics on different subjects. Prerequisites: Permission of instructor. (IRR)

Attributes: NS

1-3 Credits

CHEM 18200 Selected Topics: Chemistry (LA)

Course content depends on interests of the registrants and may include informed discussions, outside reading, and either library or laboratory projects. This course may be repeated for credit for selected topics on different subjects. Prerequisites: Permission of instructor. (IRR)

Attributes: 2A, NS

1-3 Credits

CHEM 19100-19200 Research in Chemistry (LA)

After consultation with the faculty of the Department of Chemistry, the student undertakes a research problem under the guidance of one or more faculty members. Prerequisites: Permission of department.

Attributes: NS

1-3 Credits

CHEM 20500 Chemistry and Art (LA)

Investigates, through lecture and laboratory activities, the scientific basis of such topics as paints and pigments, metalworking and sculpture, dyes and fabrics, polymeric materials, and chemical hazards in art. Introduces students to basic chemical concepts and laboratory techniques, as well as modern analytical instruments. Lectures on the material history of art establish the context for the study of these chemical and analytical concepts. Students may enroll for ARTH 20500 or CHEM 20500, but not both. Prerequisites: Sophomore standing; permission of instructor. (S,O)

Attributes: 2A, 3B, CA, FA, HU, NS, SC, TIII

4 Credits

CHEM 22100 Organic Chemistry I (LA)

Introduction to the structure and reactivity of carbon compounds.

Topics include bonding, isomerism, stereochemistry and the reactions of alkenes, alkynes, and alkyl halides with emphasis on reaction mechanisms. Analytical methods to study organic molecules; particularly infrared spectroscopy and nuclear magnetic resonance spectroscopy are also covered. The use of scientific and logical thought patterns is stressed in problem solving. Three hours of lecture per week.

Prerequisites: CHEM 12100 and CHEM 12200. (F,S,Y)

Attributes: NS

3 Credits

CHEM 22200 Organic Chemistry II (LA)

Continuation of CHEM 22100. Course covers the chemistry and reactivity of carbonyl functional groups, including aldehydes, ketones, esters, and amides. Aromaticity and select topics in biological chemistry are also covered. The use of scientific and logical thought patterns is stressed in problem solving. Three hours of lecture per week. Co-Requisite: CHEM 22400. Prerequisites: CHEM 22100 and CHEM 22300 (with a grade of C- or better). (F,S,Y)

Attributes: NS

3 Credits

CHEM 22300 Organic Chemistry I Laboratory (LA)

Emphasizes basic techniques of experimental organic chemistry, including reactions, purification of mixtures, and determination of structure. Experiments reinforce concepts covered in CHEM 22100.

Prerequisites: CHEM 12100 and CHEM 12200. (F,S)

1 Credit

CHEM 22400 Organic Chemistry II Laboratory (LA)

Emphasizes more advanced techniques of experimental organic chemistry, including reactions, purification of mixtures, and determination of structure. Experiments reinforce concepts covered in CHEM 22200. Co-Requisite: CHEM 22200. Prerequisites: CHEM 22100 and CHEM 22300. (F,S)

1 Credit

CHEM 22500 Experimental Chemistry II (LA)

Emphasis is placed on synthesis and qualitative analysis, using infrared and nuclear magnetic resonance spectroscopy and various chromatographic techniques. One lecture and one laboratory per week. Prerequisites: CHEM 12400 (with a grade of C- or better); CHEM 22200 (may be taken concurrently). (F,Y)

Attributes: ENRE, NS
2 Credits

CHEM 23200 Quantitative Chemistry (LA)

Foundations for advanced work in chemistry, biochemistry, biology, and related subjects. Quantitative approach to chemical equilibrium, chemical kinetics, chemical thermodynamics, and electrochemistry. Prerequisites: CHEM 12100 and CHEM 12200; Math Placement in Group 2 or above. (S,Y)

Attributes: ENRE, NS
3 Credits

CHEM 23300 Quantitative Chemistry Laboratory (LA)

Continued study of general and inorganic chemistry laboratory practices and techniques. The experiments reinforce the concepts covered in CHEM 23200. Prerequisites: CHEM 12100 and CHEM 12200; Math placement in Group 2 or above. (S,Y)

Attributes: ENRE
1 Credit

CHEM 27100-27200 Undergraduate Instruction in Chemistry (NLA)

Qualified undergraduates are given opportunities to participate in the department's instructional program, serving as laboratory assistants and/or tutors. Prerequisites: Permission of department. Pass/fail only.

1 Credit

CHEM 28100 Selected Topics in Chemistry (LA)

Course content depends on interests of the registrants and may include informed discussions, outside reading, and either library or laboratory projects. This course may be repeated for credit for selected topics on different subjects. Prerequisites: Permission of instructor. (IRR)

Attributes: NS
1-3 Credits

CHEM 28200 Selected Topics: Chemistry (LA)

Course content depends on interests of the registrants and may include informed discussions, outside reading, and either library or laboratory projects. This course may be repeated for credit for selected topics on different subjects. Prerequisites: Permission of instructor. (IRR)

Attributes: NS
1-3 Credits

CHEM 29100-29200 Research in Chemistry (LA)

After consultation with the faculty of the Department of Chemistry, the student undertakes a research problem under the guidance of one or more faculty members. Prerequisites: Permission of department.

Attributes: NS
1-3 Credits

CHEM 32400 Experimental Chemistry III (LA)

Part three of the unified sequence. Project-oriented experiments to deal with concepts normally found in instrumental analysis laboratory courses. Emphasis is placed on using synthetic techniques, modern analysis by instrumentation, and studies of the physical properties of chemical systems. Two lectures and one laboratory per week. Prerequisites: CHEM 22500 (with a grade of C- or better); CHEM 23200 prior or concurrent. (S,Y)

Attributes: ENRE, NS
3 Credits

CHEM 32500 Experimental Chemistry IV (LA)

Part four of the unified sequence. Project-oriented experiments to deal with concepts normally found in instrumental analysis, physical, organic, and inorganic laboratory courses. Emphasis is placed on using synthetic techniques, modern analysis by instrumentation, and studies of the physical properties of chemical systems. One lecture and two laboratories per week. Prerequisites: CHEM 32400 (with a grade of C- or better); CHEM 34200 (may be taken concurrently). (S,Y)

Attributes: ENRE, NS, WI
4 Credits

CHEM 33100 Physical Chemistry: Thermodynamics and Kinetics (LA)

A theoretical interpretation of nature from the macroscopic viewpoint. Includes an introduction to thermodynamics, electrochemistry, and chemical kinetics. Prerequisites: CHEM 23200; MATH 10800 or MATH 11200; PHYS 10200 or PHYS 11800. (F,Y)

Attributes: NS
3 Credits

CHEM 33200 Physical Chemistry: Quantum Chemistry and Spectroscopy (LA)

A theoretical interpretation of nature from the microscopic viewpoint. Includes an introduction to the kinetic molecular theory of gases, quantum chemistry, and spectroscopy. Prerequisites: CHEM 23200 (may be taken concurrently); MATH 11200; PHYS 11800. (S,Y)

Attributes: NS
3 Credits

CHEM 34200 Inorganic Chemistry (LA)

This course provides chemistry, biochemistry and other interested science majors with an understanding of the field of inorganic chemistry and as a foundation for advanced work in inorganic chemistry, materials science, biochemistry, and related subjects. The major topics are atomic structure, simple bonding theory, symmetry and group theory, acid-base chemistry, the crystalline solid state, coordination chemistry and organometallic chemistry. Three hours of lecture per week. Prerequisites: CHEM 23200 and CHEM 23300; Math placement in group 2 or better. (F,Y)

Attributes: NS
3 Credits

CHEM 34300 Inorganic Chemistry Laboratory (LA)

Emphasizes basic techniques of experimental inorganic and organometallic chemistry, including synthetic methods, reaction progress monitoring and product characterization by spectroscopic methods. Experiments reinforce and expand concepts covered in CHEM 34200.

Prerequisites: CHEM 23200 and CHEM 23300; Math Placement Group of 2 or above. (F,Y)
1 Credit

CHEM 35300 Modern Instrumental Methods (LA)

This course introduces modern analytical methods used in the fields of chemistry, biology, environmental science, geology, materials science, and physics. Explores an 'analytical toolbox' of instrumentation and techniques, including chromatography, spectroscopy, and mass spectrometry. Emphasis is placed both on fundamental principles (i.e. the workings and mechanics of each technique), which is critical for validating data and troubleshooting, and hands-on experience of each method. Prerequisites: CHEM 23200 and CHEM 23300. (S,Y)

3 Credits

CHEM 35400 Polymer Chemistry (LA)

Study of the synthesis, structure, and properties of polymers, with a special emphasis on practical applications in the chemical industry. Topics include sources of chemical raw materials, plastics, fibers, drugs, surface coatings, food chemicals, dyes, and pigments. Specific examples illustrate the scientific basis for the performance of familiar, everyday materials. Prerequisites: CHEM 22200. (IRR, B)

Attributes: NS

1.5 Credits

CHEM 35600 Nuclear Magnetic Resonance (LA)

Study of nuclear magnetic resonance and its application in organic and inorganic chemistry. Topics include, instrumentation, chemical shift, spin-spin coupling, C-13 spectra, and modern pulse FT techniques. Emphasis on spectral interpretations and practical applications. Includes experiments using multi-pulse techniques. Prerequisites: CHEM 22200. (IRR, B)

Attributes: NS

1.5 Credits

CHEM 37100-37200 Undergraduate Instruction in Chemistry (NLA)

Qualified undergraduates are given opportunities to participate in the department's instructional program, serving as laboratory assistants and/or tutors. Prerequisites: Permission of department. Pass/fail only.

1 Credit

CHEM 38100-38116 Selected Topics in Chemistry (LA)

Course content depends on interests of the registrants and may include informed discussions, outside reading, and either library or laboratory projects. This course may be repeated for credit for selected topics on different subjects. Prerequisites: Permission of instructor. (IRR)

Attributes: ENRE, NS

1-3 Credits

CHEM 39100-39200 Research in Chemistry (LA)

After consultation with the faculty of the Department of Chemistry, the student undertakes a research problem under the guidance of one or more faculty members. Prerequisites: Permission of department.

Attributes: NS

1-3 Credits

CHEM 42100 Advanced Organic Chemistry (LA)

Detailed discussion of reaction mechanisms, isotope effects, linear free energy relationships, bonding theories, and advanced synthetic methods. Prerequisites: CHEM 22200 and CHEM 33200. (IRR)

Attributes: NS

3 Credits

CHEM 42200 Advanced Inorganic Chemistry (LA)

Chemistry of coordination compounds in light of modern theory. The electronic, magnetic, and spectral properties of transition metal complexes are considered, with the application of group theoretical techniques. Other topics include formation and stability of complex ions, mechanism of reactions of these ions, and complexes of transition metal ions of biological interest. Three hours of lecture per week. Prerequisites: CHEM 34200. (IRR)

Attributes: NS

3 Credits

CHEM 43200 Bio-Organic Chemistry (LA)

Covers the modern interface of chemistry and biology, as well as an examination of current developments in biotechnology. Topics include combinatorial chemistry and modern synthetic methods, protein engineering, innovative approaches to drug design, enzyme mimics, and in vitro evolution of functional biopolymers. Prerequisites: CHEM 32400. (IRR)

Attributes: NS

3 Credits

CHEM 44000 Inquiry and the Nature of Science for the Science Teacher (LA)

Considers issues pertaining to the nature and practice of science, especially as they relate to science education. Explores aspects that distinguish scientific inquiry from other forms of inquiry. Examines safety issues of teaching science in a classroom, and teaching science in the context of the community. Cross-listed with CHEM 44000 and PHYS 44000. Students can receive credit for only one of: BIOL 44000, PHYS 44000, CHEM 44000. Prerequisites: EDUC 34000 and junior standing. (IRR)

Attributes: NS

3 Credits

CHEM 44200 Computational Chemistry (LA)

A solid understanding of the theoretical aspects of computational modeling and its utility and limitations in predicting electronic structures, molecular geometries, chemical dynamics, and chemical reactivity. In addition, the student will gain a hands-on, working knowledge of modern computational methods. Prerequisites: CHEM 32400; CHEM 33200. (IRR)

Attributes: NS

3 Credits

CHEM 44400 Chemical Applications of Group Theory (LA)

The chemical applications of symmetry and group theory, with a special emphasis placed on chemical bonding and spectroscopy. The necessary mathematical underpinnings for this course, including vectors, matrix algebra, and group theory, are presented largely in terms of symmetry operations and related properties of molecules. Prerequisites: CHEM 34200 and CHEM 33100. (IRR)

Attributes: NS

3 Credits

CHEM 45200 Instrumental Analysis (LA)

Familiarizes students with the principles and applications of modern analytical instrumentation for chemical analysis through hands-on experience with a wide variety of instrumental techniques. Prerequisites: CHEM 32400; PHYS 10200 or PHYS 11800. (IRR).

Attributes: NS

3 Credits

CHEM 47100-47200 Undergraduate Instruction in Chemistry (NLA)

Qualified undergraduates are given opportunities to participate in the department's instructional program, serving as laboratory assistants and/or tutors. Prerequisites: Permission of department. Pass/fail only.

1 Credit

CHEM 48100-48110 Selected Topics in Chemistry (LA)

Course content depends on interests of the registrants and may include informed discussions, outside reading, and either library or laboratory projects. Prerequisites: Permission of instructor. (IRR)

Attributes: ENRE, NS

1-3 Credits

CHEM 48600 Chemistry Capstone: Senior Research Experience (LA)

After consultation with the faculty of the Department of Chemistry, the student undertakes a research problem under the guidance of one or more faculty members. Prerequisite: CHEM 32500. (F,Y)

Attributes: NS

3 Credits

CHEM 48700 Chemistry Seminar (LA)

Series of lectures dealing with current research topics in chemistry and biochemistry presented by the faculty, visitors, and students. Each student is required to present a talk during the semester. One meeting per week. Prerequisites: Permission of department. Pass/fail only. (F,Y)

Attributes: NS

1 Credit

CHEM 48800 Chemistry Capstone: Senior Thesis (LA)

Students prepare a written thesis and an oral presentation describing their senior chemistry research experience (CHEM 48600) or literature search under the guidance of their research advisor. Ethics in science is addressed. Seminars will also be given by guest speakers. Explores the relationships between the various components of the integrative core curriculum (ICC), the chemistry major, other learning experiences at the College, and future goals. Reflection on the role of a liberal arts education. Prerequisites: Senior standing and major in Chemistry. (S,Y)

Attributes: CP, NS, WI

3 Credits

Chinese (CHIN)

CHIN 10100 Elementary Chinese I (LA)

Introductory course designed to develop spoken and written skills in Mandarin Chinese. Students will be introduced to pinyin (sounds tones), vocabulary, characters (simplified version), and grammatical constructions. Participation, self-expression, and cultural awareness will be emphasized. Open to students with no previous Chinese, or by placement examination. (F,Y)

Attributes: 3A, G, HM, HU, TIDE

4 Credits

CHIN 10200 Elementary Chinese II (LA)

Continuation of CHIN 10100. Limited to students who have successfully completed CHIN 10100 with a grade of C- or better, or by permission of instructor. Prerequisite: CHIN 10100, or equivalent, with a grade of C- or better. (S,Y)

Attributes: 3A, G, HM, HU, TIDE

4 Credits

CHIN 20100 Intermediate Chinese I (LA)

This course will further develop speaking, listening, reading and writing proficiency. Special emphasis will be given to conversational and writing skills. Chinese culture, history and society will be discussed through selected readings. Prerequisite: CHIN 10200, or equivalent, with a grade of C- or better, or with instructor permission. (F,Y)

Attributes: HU

3 Credits

CHIN 20200 Intermediate Chinese II (LA)

Continuation of CHIN 20100. Emphasis will be given to oral and written proficiency. Prerequisite: CHIN 20100 with a grade of C- or better, or with instructor permission. (S,Y)

Attributes: HU

3 Credits

Cinema and Photography (CNPH)

CNPH 10100 Introduction to Film Aesthetics and Analysis (LA)

An analysis of the cinematic techniques utilized throughout film history to create meaning, suggest mood, develop psychology of characters, and communicate ideas. Emphasis is placed on classic American and foreign films, from the silent period to the present day. (F)

Attributes: DV, HU

3 Credits

CNPH 11100 Cinema Production 1 (NLA)

In this intensive production experience, students learn the rudiments of creating a motion picture. Aspects of preproduction (idea conception, budgeting), production (camerawork, directing), and postproduction (sound and picture editing) are introduced as students create multiple works of cinema art. (F-S)

Attributes: CCCS

4 Credits

CNPH 14100 Introduction to Photography (LA)

Introduction to photographic processes and historical, conceptual, and aesthetic concerns. Fundamentals of the art, including camera handling, exposure, digital image control and correction, lighting, composition, and printing. (F-S)

Attributes: 3B, CCCS, ESTS, MC

4 Credits

CNPH 20310 The Photograph in Exhibition (LA)

Addresses the issue of photographic exhibition – touching on considerations of context, scale, and installation – as it affects the experience and meaning of images. Students will attend a series of photographic exhibitions and will critically evaluate the content of each through written papers and oral presentations. Prerequisites: Open only to B.S. cinema and photography students in the still photography concentration. Corequisites: CNPH 24000. (S)

1 Credit

CNPH 20500 Photographic Currents (LA)

Introduces key concepts, historical frameworks and current debates in the study of contemporary photography. Readings, lectures and visits to exhibitions focus on particular genres, ideas and international practices within the contemporary media arts, specifically photography. Topics vary on faculty expertise and research interest. Only offered at the Ithaca College London, New York and Los Angeles centers. Sophomore standing. (IRR)

Attributes: SCE

3 Credits

CNPH 20700 European Cinema (LA)

Concentrates on post-Second World War European cinema up to the present day. Study of the themes and styles of the European art film, authorship, and the relation of audience to film criticism. This course is offered only through the Ithaca College London Center. Prerequisites: Acceptance into the Ithaca College London program. (IRR)

Attributes: SCE

3 Credits

CNPH 21002-21012 Special Topics in Cinema Production (NLA)

Study of the cinema production process using significant works representative of important historic and contemporary ideas and movements. Screenings and readings guide discussions and analysis geared toward providing familiarity with a broad range of production models and connecting them to larger questions of culture production and artistic expression. Students in the B.S. cinema production concentration and B.F.A. degree in film, photography and visual arts may repeat the course once. Corequisite: CNPH 20300 Cinema in Exhibition for students in B.S. Cinema & Photography - Cinema Production concentrations only. Prerequisite: One course in the humanities or fine arts. (F-S)

4 Credits

CNPH 21400 Hollywood and American Film (LA)

The focus is on the historical, economic, and social formations in the evolution of a wide range of American cinemas, including Hollywood, independent work, documentary, experimental, and hybrid forms. A survey and analysis of films of representative American directors, styles, and genres will be conducted. (S)

Attributes: CA, HM, HU, TIDE, TWOS

4 Credits

CNPH 22000 Cinematic Currents (NLA)

Study of the cinema production process using significant works representative of important historic and contemporary ideas and movements. Screenings and readings guide discussions and analysis geared toward providing familiarity with a broad range of production models and connecting them to larger questions of culture production and artistic expression. Students in the B.S. cinema production concentration and B.F.A. degree in film, photography and visual arts may repeat the course once. Prerequisites: Sophomore standing or above. (F-S)

4 Credits

CNPH 22400 Cinema Production 2 (NLA)

In this intermediate-level motion picture production course, students complete several works of cinema, continuing where Cinema Production I left off in both technical and artistic sophistication. Students will make significant progress in the areas of sound design, cinematography, directing, and editing. Prerequisites: CNPH 11100. (F-S)

Attributes: CCCS

4 Credits

CNPH 24000 History of Photography (LA)

Study of photography from its beginning to its emergence as an important means of communication and expression. Critical examination of the growth and relationship of the contribution of photography to the visual arts. The development of the medium is seen through the eyes of past and present masters who struggled to understand and perfect it. Prerequisites: Nonmajors must have at least sophomore standing. (S)

Attributes: HU, MAP

3 Credits

CNPH 24200 Intermediate Photography (NLA)

Rigorous immersion in color processes and aesthetic concerns. Further technical mastery of image making, including large-format film, digital acquisition, high-resolution scanning, color control, and digital color output. Coursework introduces different modes of working and genres in the medium of photography. Students are asked to employ the various techniques to solve a variety of conceptual and aesthetic problems in the medium. Prerequisites: CNPH 14100. (F-S)

Attributes: CCCS

4 Credits

CNPH 29200-29244 Minicourses in Cinema, Photography, and Media Arts (NLA)

A series of short courses in specialized areas of cinema, photography, and media arts that do not meet the College guidelines for liberal arts designation. Department faculty participate in their areas of expertise. Cannot repeat specific topics. Prerequisites: Vary depending on the topic; refer to Undergraduate Course Offerings each semester; sophomore standing. Pass/fail. (IRR)

1 Credit

CNPH 30000 Fiction Film Theory (LA)

Close visual analysis of film, focusing on cinematographic and directorial aspects of film style. Detailed examination of specific films and various theories. Prerequisites: CNPH 10100; at least two level-2 liberal arts courses, and WRTG 10600 or equivalent. (F)

Attributes: SCE, WI

3 Credits

CNPH 30100 History and Theory of Documentary (LA)

Investigation of the social, historical, cultural, and aesthetic implications of nonfiction film through historical overview of various films. This course uses social theory, economic theory, ethnography, historiography, and documentary theory to explore the intersection of historical contexts and film movements. Prerequisites: CNPH 10100 or TVR 12200; at least two level-2 liberal arts courses, and WRTG 10600 or equivalent. (S)

Attributes: HU, SCE, WI

3 Credits

CNPH 30200-30205 Selected Topics in Cinema and Photography (LA)

Intensive exploration and analysis of a specific area of film study, allowing students to concentrate their study in an upper-level course. Depending on faculty research interests and student demand, this course may cover genres, periods, directors, and other cinematic conceptual frameworks. Prerequisites: CNPH 21400 or level-2 course with an HU designation; permission of instructor. (IRR)

Attributes: SCE

3 Credits

CNPH 30400-30417 Selected Topics in Photography (NLA)

Exploration and analysis of a specific area of photography. Topics vary based on student demand and on faculty expertise and research interest. Prerequisites: CNPH 14100, CNPH 24200, or may vary depending on topic – refer to Undergraduate Course Offerings each semester. (F-S)

4 Credits

CNPH 30418 ST: Photography (NLA)

Exploration and analysis of a specific area of photography. Topics vary based on student demand and on faculty expertise and research interest. Prerequisites: CNPH 14100, CNPH 24200, or may vary depending on topic – refer to Undergraduate Course Offerings each semester. (F-S)

4 Credits

CNPH 30500 Contemporary Film Criticism (LA)

Analysis and evaluation of contemporary films and criticism. Students trace current feature films to their artistic and cinematic roots and assess the value of the new offerings. At the same time, they evaluate national criticism (not reviews) of the new offerings. (IRR)

Attributes: SCE

3 Credits

CNPH 31000 British Comedy: Film, Television, and Radio (LA)

Exploration of the development of the cultural characteristics of British Comedy programming for cinema, television, and radio. This class traces the evolution of comedic forms, and surveys contemporary genres—sketch, broken, sitcom, satire, stand-up, improv, the impressionists, and "sit-trag." Only offered in London. Prerequisites: three courses in humanities (HU) and/or social sciences (SS), junior standing and acceptance into the Ithaca College London Program. (Y)

Attributes: SCE

3 Credits

CNPH 32100 Advanced Cinema Production: Fiction (NLA)

This intensive, advanced-level course examines cinema as a form of storytelling. Students produce their own cinema projects and critical papers to familiarize themselves with techniques of aesthetics specific to narrative cinemas. A final project of the student's design and participation in a culminating public exhibition of work from the class are required. Prerequisites: CNPH 22400. (F-S)

4 Credits

CNPH 32200 Advanced Cinema Production: Nonfiction (NLA)

This intensive, advanced-level course examines the relationship between the theory and practice of cinematic documentary. Students produce short cinema projects and critical papers to familiarize themselves with techniques and aesthetics specific to documentary modes of cinema. A final project of the student's design and participation in a culminating public exhibition of work from the class are required. Prerequisites: CNPH 22400 or TVR 29900; open only to students in the B.S. cinema and photography, B.F.A film, photography, and visual arts, or B.A. documentary studies and production programs. (S)

4 Credits

CNPH 32300 Advanced Cinema Production: Experimental (NLA)

This intensive, advanced-level course examines cinema as a visual art form akin to painting, photography, and sculpture. Readings, lectures, and screenings are used to develop a basic context for relevant critical, historical, and theoretical issues, with emphasis placed on the various formal, conceptual, structural, and post-structural ideas that characterize 20th-century modern and contemporary art. Students produce their own cinema projects and critical papers to familiarize themselves with these ideas and practices. A final project and participation in a culminating public exhibition of work from the class are required. Prerequisites: CNPH 22400. (F)

4 Credits

CNPH 32400 Advanced Cinema Production: Animation (NLA)

Builds on animation fundamentals while giving students an opportunity to develop and create more ambitious animated projects. In the context of these projects, we will continue to discuss industry production methods, watch contemporary animators' work and examine the role changing technology plays in production. Prerequisite: MASS 20100. (Y)

4 Credits

CNPH 33001 Special Topics in Advanced Cinema Production (NLA)

Exploration of a specific area of cinema production, designed to enhance and enrich the traditional production curriculum and provide significant professional training for an ever-changing discipline. Subjects will likely include, but are not limited to: cinematography, sound design, advanced editing, alternative special effects, and directing for the screen. Topics will vary to reflect current and future trends in cinema production, as well as student demand and faculty expertise. Prerequisites: CNPH 22400. (Y)

4 Credits

CNPH 33002 ST: Adv. Cinema Production (NLA)

Exploration of a specific area of cinema production, designed to enhance and enrich the traditional production curriculum and provide significant professional training for an ever-changing discipline. Subjects will likely include, but are not limited to: cinematography, sound design, advanced editing, alternative special effects, and directing for the screen. Topics will vary to reflect current and future trends in cinema production, as well as student demand and faculty expertise. Prerequisites: CNPH 22400. (Y)

CNPH 33003-33009 Special Topics in Advanced Cinema Production (NLA)

Exploration of a specific area of cinema production, designed to enhance and enrich the traditional production curriculum and provide significant professional training for an ever-changing discipline. Subjects will likely include, but are not limited to: cinematography, sound design, advanced editing, alternative special effects, and directing for the screen. Topics will vary to reflect current and future trends in cinema production, as well as student demand and faculty expertise. Prerequisites: CNPH 22400. (Y)

4 Credits

CNPH 33010 ST: Adv. Cinema Production (NLA)

Exploration of a specific area of cinema production, designed to enhance and enrich the traditional production curriculum and provide significant professional training for an ever-changing discipline. Subjects will likely include, but are not limited to: cinematography, sound design, advanced editing, alternative special effects, and directing for the screen. Topics will vary to reflect current and future trends in cinema production, as well as student demand and faculty expertise. Prerequisites: CNPH 22400. (Y)

4 Credits

CNPH 33011 Special Topics in Advanced Cinema Production (NLA)

Exploration of a specific area of cinema production, designed to enhance and enrich the traditional production curriculum and provide significant professional training for an ever-changing discipline. Subjects will likely include, but are not limited to: cinematography, sound design, advanced editing, alternative special effects, and directing for the screen. Topics will vary to reflect current and future trends in cinema production, as well as student demand and faculty expertise. Prerequisites: CNPH 22400. (Y)

4 Credits

CNPH 34200 Contemporary Photographic Genres (LA)

Through lectures, discussions, and production of photographic works, the student explores a range of key genres current in the field. Class locates contemporary photographic practices within a lineage of art historical, philosophical, and creative conversations from modernism, through postmodernism, to the current cultural moment. Photographic theories, criticism, classification, and aesthetics are explored and brought to bear on the student's photographic work. Prerequisites: Junior standing, CNPH 24000 and CNPH 24200. (F)

4 Credits

CNPH 42000 Thesis Cinema Production (NLA)

Individual experience preparatory to graduate study and careers in cinema production. This course is designed to bring together ideas, processes, practices, and theories in the service of the production of a substantial work of cinema. Students will pursue an entire project from conception to completion, combining intensive preproduction, production, and post-production with in-depth instruction on lab work, distribution, and exhibition. Throughout the course, emphasis is placed on instructor, peer, and self-critique. In addition to completion of the final production, students are expected to generate an essay that situates their work within the history of the medium and contextualizes its relationship to current intellectual and creative debates. Prerequisites: CNPH 23300 or MASS 13400, CNPH 30000, or CNPH 30100; CNPH 32100, CNPH 32200, CNPH 32300, or CNPH 32400; senior standing. (F-S)

4 Credits

CNPH 44300 Photo Workshop (NLA)

Individual experience preparatory to graduate study and to careers in photography. Designed to fit the individual student's background and interests. May include research projects or advanced photography. Course participants are expected to complete an artist's essay that situates their work within the history of the medium and contextualizes its relationship to current intellectual and creative debates. Students may take a second semester of this course with permission of instructor. Prerequisites: CNPH 14100; CNPH 24200; 1 course from CNPH 30400-30499; senior standing. (F-S)

Attributes: UND

4 Credits

CNPH 45000 Cinema Production Practicum (NLA)

Capstone-level motion picture production course in which students undertake the primary creative and professional roles in a significant project under the direct supervision of a faculty specialist. The nature of the project will vary with each offering. Prerequisites: CNPH 11100; CNPH 22400; CNPH 32100, CNPH 32200, CNPH 32300, or CNPH 32400; senior standing; faculty permission. (IRR)

4 Credits

CNPH 49000 Internship: Cinema and Photography (NLA)

Jointly supervised work experience with a cooperating institution in the field of cinema or photography, intended to motivate the intern toward professional growth through observation and participation, to provide opportunities to meet active professionals, and to stimulate career planning. Skills and academic knowledge will be put into practice. May be repeated. Prerequisites: Junior cinema and photography or film, photography, and visual arts major or minor; completion of the Park School internship procedures. Total may not exceed including London and Los Angeles internships. (F,S,U,W)

1-8 Credits

CNPH 49800 London Communications Internship (NLA)

A limited number of internships with cooperating institutions or organizations are available to communications majors. The jointly supervised work experience offers the opportunity to learn through observation and participation in a professional setting. Prerequisites: Junior or senior standing; completion of Park School internship procedures; approval of the dean in the semester preceding the London registration. Pass/fail only. (F-S) See "London Center."

3-6 Credits

CNPH 49900 Independent Study: Cinema and Photography (LA)

Intensive study of one of the following problems under the supervision of a faculty adviser: program evaluation, scriptwriting, production, programming, film and cinema studies, contemporary issues in communications. Comprehensive research paper and/or project is required. Prerequisites: Junior cinema and photography or film, photography, and visual arts major. (F-S)

1-4 Credits

Communication Studies (CMST)

CMST 11000 Public Communication (LA)

Exposure to a variety of speaking situations as a means to more comfortable, effective communication. Brief unit on language followed by exercises in various kinds of influential speaking. Emphasis is placed on the ethical responsibilities of the speaker and on the need for a critical posture by both speaker and listener. (F,S,Y)

Attributes: 3A, CCCS, ESTS, HU

3 Credits

CMST 11500 Business and Professional Communication (LA)

Study of public communication skills used in business and professional settings; emphasis is placed on presentational speaking and motive analysis; opportunity for individualized skill development provided. (F,S,Y)

Attributes: CCCS, ESTS, HU

3 Credits

CMST 12000 Communication, Culture, and Rhetoric (LA)

Introduction to fundamentals of rhetorical theory and rhetorical approaches to the study of communication. Emphasis is placed on the discovery and critical analysis of the rhetorical impulse in a variety of forms of persuasion. Includes a basic survey of rhetorical forms such as speeches, essays, advertising, films, and television. (F,Y)

Attributes: HM, HU, LMSP, LSCQ, TIDE

3 Credits

CMST 12400 Courtrooms and Communication (LA)

An investigation of trials and legal advocacy as communication phenomena. The course includes observations of live criminal trials and participation in mock trials. (F,Y)

Attributes: 1, HU

3 Credits

CMST 13200 Storytelling (LA)

Introduction to the practice, history, and theories of storytelling as a performing art. Emphasis is placed on cultural dimensions of oral/folk narrative through study of tales and traditions from different cultures and ethnicities. Students examine a variety of situations and functions for storytelling (e.g., bardic, theatrical, religious). (F,Y)

Attributes: 3B, CA, CCCS, ESTS, FA, RSEA, TIII

3 Credits

CMST 14000 Small Group Communication (LA)

Examination of the dynamics of small group communication with a focus on problem-solving groups. Topics include leadership, cohesiveness, norms, roles, conflict, problem-solving techniques, conformity and deviance, networks, and listening skills. (F,S,Y)

Attributes: 1, SO, SS, TIDE, TWOS

3 Credits

CMST 14900 Fundamentals of Interpersonal Communication (LA)

Introduction to basic principles of interpersonal communication. Presents a theoretical perspective integrated with activities in and out of the classroom. Topics include interpersonal perception, language, nonverbal communication, self-concept, social roles, conflict management, and dynamics of intimacy. (F,S,Y)

Attributes: 1, SO, SS, TMBS

3 Credits

CMST 20000 Sophomore Professional Development Seminar in Communication Studies (NLA)

This seminar orients majors to the discipline of Communication Studies, as well as to the academic and professional opportunities available to them. It also provides majors with a common intellectual experience through participation in the Communication Studies Colloquium and a Sophomore Read. The seminar culminates in a reflexive essay in which students envision and plan how to maximize their academic experience. Prerequisites: CMST 11000, CMST 12000, CMST 14000, CMST 14900, or CMST 26900. (Y)

1 Credit

CMST 21500 Argumentation and Debate (LA)

Study of the philosophy of argument and logic in persuasion, debate forms, construction of the debate case, and responsibility for reasoned discourse in a society. Prerequisites: Sophomore standing. (F,Y)

Attributes: CCCS, HU, LMEL, LSCO

3 Credits

CMST 21900 Communication Studies Practicum (NLA)

Practical experience in speech on campus, at the intercollegiate level, and in the community at large; debate and legislative assemblies; discussion, oratory, impromptu, and extemporaneous speaking; oral interpretation and readers' theater. The instructor will designate the minimum activities required to receive credit. May be repeated for a total of Prerequisites: Permission of instructor; participation in one of the department's cocurricular programs (such as debate or readers' theater). Pass/fail only. (F,S,Y)

Attributes: UND

1 Credit

CMST 22600 Health Communication (LA)

Introduction to the field of health communication, including origins and development. Presents theories of health behavior and communication and how they relate to one another in practice. Examines communication between health professionals and clients, and the roles media play in the health care industry and the delivery of health services. Cross-listed with HLTH 22600. Students may not receive credit for both HLTH 22600 and CMST 22600. Prerequisites: Sophomore standing or above. (F,Y)

Attributes: SS

3 Credits

CMST 23000 Analysis and Performance of Literature (LA)

Introduction to the art of oral interpretation of literature, including communicative and literary analysis, oral performance, and performance criticism. Survey of basic performance and analysis techniques for fictional prose and poetry. Prerequisites: Sophomore standing. (S,Y)

Attributes: 3A, 3B, CA, CCCS, FA, TIII

3 Credits

CMST 26900 Communication Research Perspectives (LA)

Introduces the premises of knowledge construction from the variety of perspectives, including, but not limited to humanistic, social scientific, and critical, that guide research in the communication studies discipline. Students will read and critique scholarly literature from multiple perspectives, with the goal of becoming more competent and critical readers of published and unpublished research in communication studies. Prerequisites: One course in CMST or CLTC. (Y)

Attributes: CCRM

3 Credits

CMST 28900-28910 Selected Topics: Communication Studies (LA)

Topics of current interest. Examples include nonverbal communication, campaign rhetoric, listening, intrapersonal communication, and legislative and parliamentary procedure. Prerequisites: Sophomore standing. (IRR)

Attributes: HU

3 Credits

CMST 29700 Directed Readings (LA)

Study of an extensive selection of literature, compiled by an instructor, on a topic of special interest. This literature should further student development within a relevant topic area that is not otherwise covered in an available course. Offered on demand only. Prerequisites: Three credits in communication studies; sophomore standing; approval of the communication studies faculty.

Attributes: HU, SS

1-4 Credits

CMST 30000 Junior Professional Development Seminar in Communication Studies (NLA)

Seminar content supports majors in laying the groundwork for life after college, either in graduate education or the professions, by introducing such topics as the processes and rationales for graduate education, career preparation, application for competitive grants and fellowships, and presentation of undergraduate research at academic conferences. The seminar culminates in a reflexive essay on their progress toward their academic and personal goals. Students also participate in the department colloquium and a Junior Read. Prerequisites: CMST 20000. (Y)

1 Credit

CMST 31100 Advanced Public Communication (LA)

Advanced public speaking, with three complementary goals: (1) to develop a professional level of oral skill before a live audience; (2) to practice advanced communication skills in the public sphere as speakers, speechwriters, and consultants; and (3) to be exposed to a variety of speech types and criteria by which speeches can be judged. Prerequisites: CMST 11000 or CMST 11500; Sophomore standing. (Y)

Attributes: 3A, CCCS, HU

3 Credits

CMST 32000 Communication, Conflict, and Negotiation (LA)

Examination of conflict resolution through communication, especially methods to manage bilateral conflict, including negotiation and mediation. Course moves from theoretical to experiential with application to contemporary and practical approaches. Includes survey of the legal framework underlying established methods of conflict resolution in business, community relations, labor/management relations, international trade and international disputes. Prerequisite: junior standing and one course in communication studies. (S,O)

Attributes: HU, LMAL, LMEL, LSCO

3 Credits

CMST 32100 Oral Advocacy in Arbitration and the Courts (LA)

Advanced communication performance course focusing on oral communication of a persuasive nature set in legal contexts, including arbitration and U.S. courts. Students learn techniques of legal reasoning and argumentation, in conformity with procedural and evidentiary rules, and apply these techniques to oral advocacy in legal settings. Observation and critique of oral advocacy from scholarly writings; professional legal training materials; in-class performances, and actual or mock arbitrations and trials. Prerequisite: CMST 12400 and junior standing. 3 redits. (S,E)

Attributes: HU, LMAL, LSCO

3 Credits

CMST 32200 Freedom of Communication and The First Amendment (LA)

This course focuses on communication and the First Amendment by examining how free speech functions within social interaction. Students investigate applications of the First Amendment in conjunction with interpersonal communication and cultural conflict and will learn how fundamental theories of free speech are applied to issues impacting present-day society. Course topics include free speech controversies and laws pertaining to protests, symbolic speech, censorship, hate speech, privacy and governmental regulation of speech. Prerequisites: One course in CMST, CLTC, or LGST. (IRR)

Attributes: LMAL

3 Credits

CMST 32500 African American Rhetoric from Protest to Tradition (LA)

This course examines the history of oratory and public addresses by African American women and men, including analysis of religious, political, and ceremonial speeches. Course examines the ways African Americans have employed rhetorical devices in navigating American society through discourses from the African American rhetorical tradition. Prerequisite: Junior standing. (S,E)

Attributes: WGS, WGS3

3 Credits

CMST 32600 Classical Theories of Rhetoric (LA)

Study of various theories of persuasion from the Platonic era through the Roman-Christian period (Plato to St. Augustine). Prerequisites: CMST 11000, CMST 12000; sophomore standing. (Y)

Attributes: 3A, CSA, H, HU

3 Credits

CMST 32700 Modern and Contemporary Theories of Rhetoric (LA)

Rhetorical theories offer a particular way of exploring the practice of communication. This seminar addresses one or more theoretical themes in the rhetorical approach to communication. Objectives include understanding the nature and value of communication theories in the modern world, as well as being able to put theories into practice. Prerequisites: CMST 11000 or CMST 12000; junior standing. (Y)

Attributes: 3A, H, HU

3 Credits

CMST 32900 American Eloquence: A History of American Rhetorical Discourse (LA)

Study of the masterpieces of American rhetoric, focusing on US history's most famous and most infamous speeches. This course focuses on the theoretical analysis of rhetorical texts. Students will cultivate critical thinking/analysis necessary for informed responses to rhetorical discourses (political, religious, educational). Prerequisite: CMST 12000 and junior standing. (IRR)

3 Credits

CMST 33200 Folklore and Cultural Performances (LA)

Survey of the major forms and traditions of folklore and cultural performances ranging from everyday conversations to rituals and celebrations. Emphasis is placed on the analysis of aesthetic, rhetorical, and group dimensions of folkloric and oral performances. Narrative forms to be studied include personal storytelling, jokes and humor, legends, and tales. Larger performance forms are also included, such as spectacles, holidays, and festivals. Prerequisites: Nine credits of courses from one or more of the following departments: anthropology; cinema, photography, and media arts; English; sociology; communication studies; theater arts. (IRR)

Attributes: CCCS, FA

3 Credits

CMST 33300 Analysis and Performance of Prose (LA)

Study of analysis, cutting, adaptation, and performance techniques appropriate to oral interpretation of expository, descriptive, and narrative prose literature. Solo and ensemble performance experience and performance evaluation experience. Prerequisites: CMST 23000, or three courses in communication studies and/or theater. (F,E)

Attributes: 3B, CCCS, FA

3 Credits

CMST 33400 Group Performance of Literature (LA)

Study of the principles and practice of readers' theater as a creative and presentational art form. Includes study of adaptation and compilation scripting; direction and performance of ensemble interpretation projects. Prerequisites: CMST 23000, or three courses in communication studies and/or theater. (IRR)

Attributes: 3B, CCCS, FA

3 Credits

CMST 33500 Analysis and Performance of Poetry (LA)

Exploration of vocal and performance behavior appropriate to poems written in the lyric, epic, and dramatic modes; evaluation of the student's oral performance in each of the modes and in various periods of English literature. Prerequisites: CMST 23000, or three courses in communication studies and/or theater. (IRR)

Attributes: CCCS, FA

3 Credits

CMST 34600 Gender and Interpersonal Communication (LA)

Advanced theoretical examination of interpersonal communication, concentrating on nonverbal communication, language, power, gender, and characteristics of and problems in interpersonal relationships. Prerequisites: CMST 14000 or CMST 14900; sophomore standing. (F,Y)

Attributes: 1, SS, WGS, WGS3, WI

3 Credits

CMST 34700 Intercultural Communication (LA)

Introduces speech communication processes in intercultural, interracial, interethnic, and international contexts. Presents other cultural groups, patterns of thought, perception, and communication, and examines students' own cultural assumptions. Prerequisites: CLTC 10000 or CMST 12000; Sophomore standing. (F,O)

Attributes: DV, G, LAEL

3 Credits

CMST 34800 Family Communication (LA)

The family from a communication perspective. Studies the dominant theories and methodologies that illuminate communication about and within the contemporary American family. Emphasis is placed on the central role communication plays in determining expectations and realities in a diversity of situations (e.g., nuclear, extended, single-parent, blended, voluntarily childless, or gay/lesbian-led families). Prerequisites: CMST 14000 or CMST 14900; WRTG 10600, ICSM 10800, or ICSM 11800; sophomore standing. (S,E)

Attributes: 1, DV, SS, WI

3 Credits

CMST 35300 Language and Social Interaction (LA)

Studies how symbolization reflects and generates a particular view of reality. Emphasizes how certain methods of describing the world determine the orientation a person has toward the world. Focus is on the reality structures of American language. Prerequisites: Three courses in communication studies; junior standing, and WRTG 10600 or equivalent. (Y)

Attributes: HU, WI

3 Credits

CMST 36000 Race and Public Policy (LA)

Examines the multifaceted countervailing forces within American political/legal communication that indicate race still matters. Incorporates analysis of documentaries, court opinions, and Congressional debates, as these forms of communication relate to Native Americans, Asian Americans, African Americans, and Latinos. Prerequisite: Junior standing. (Y)

Attributes: AASE, HU, RPRE

3 Credits

CMST 36200 Political Communication: Campaigns and Elections (LA)

Analysis and critique of local and national campaigns and elections. Focuses on key questions such as how candidates and their campaigns create and package "the message", how that message and others impact public opinion and perception. Students also construct a campaign. Prerequisites: Junior standing. (Y)

Attributes: HU, MAP

3 Credits

CMST 38900-38911 Selected Topics in Communication Studies (LA)

Topics of current interest. Examples include small group dynamics, research methodology, interracial/intercultural communication, conflict management, and male/female relationships. Prerequisites: Junior standing. (IRR)

Attributes: HU

3 Credits

CMST 39500 Internship: Communication Studies

1-12 Credits

CMST 39700 Directed Readings (LA)

Study of an extensive selection of literature, compiled by an instructor, on a topic of special interest. This literature should further student development within a relevant topic area that is not otherwise covered in an available course. Offered on demand only. Prerequisites: in communication studies; junior standing; approval of the communication studies faculty.

Attributes: HU, SS

1-4 Credits

CMST 40000 Senior Professional Development Seminar in Communication Studies (NLA)

This seminar is the culmination of the professional development sequence for Communication Studies majors, focusing on the "Translating the Transcript project," in which students reflect on how well they have been able to achieve an integrated college experience. Students also participate in the department colloquium and a Senior Read. Prerequisites: CMST 30000. (Y)

1 Credit

CMST 42500 Rhetoric of Religion (LA)

This seminar examines the rhetorical nature of religious language from classical times to the present. It explores how rhetorical approaches to religion can contribute to deeper understandings of both rhetoric and religion and the rhetorical role of religious language in society. (F,E)

Attributes: ADSE, RPRE, RSEA

3 Credits

CMST 42900-42910 Seminar in Public Communication (LA)

In-depth study of a specific topic in public communication, such as the speaking of a particular person (Nixon) or type of person (president), communication strategies of a movement (women's) or kind of rhetoric (famous pleas). Prerequisites: Senior standing or equivalent in communication studies. (IRR)

Attributes: HU

3 Credits

CMST 43900 Seminar in Literary and Cultural Performances (LA)

Detailed study of special topics in fields such as linguistics, literary composition, prosody, and rhetoric as they relate to the oral presentation of prose, poetry, and the play. May be repeated for credit when topics vary up to three times for a total of nine credits. Prerequisites: Two of the following: CMST 23000, CMST 33300, CMST 33400, or CMST 33500. (IRR)

Attributes: CCCS, FA, HU

3 Credits

CMST 44900 Seminar in Interpersonal Communication (LA)

In-depth study of a specific topic in interpersonal communication, such as stages in relationship development, language behavior and interpersonal communication, nonverbal codes and relationships, and interpersonal apprehension. May be repeated for credit when topics vary up to three times for a total of Prerequisites: CMST 14000; CMST 14900; any 3-credit course identified as an "applications in communication studies" course. (IRR)

Attributes: SS

3 Credits

CMST 45100 Communication and Social Influence (LA)

Examination of current theories of social influence and their relationship to communication. Focuses on analyzing current persuasion practices in terms of theories such as social learning and self-persuasion, attribution theory, information processing, and social change. Prerequisites: CMST 14000; CMST 14900; one level-3 or above course identified as an "applications in communication studies" course. (S,Y)

Attributes: LMEL, LSCO, SS

3 Credits

CMST 45900-45902 Seminar in Communication Theory (LA)

Detailed study of special topics, with an emphasis on theories of human communication. May be repeated when topics vary, for a total of Prerequisites: Three courses in communication studies, at least one of which must be at level 3. (IRR)

Attributes: 1, SS

3 Credits

CMST 46900 Seminar in Communication Research (LA)

In-depth study of a specific topic in research methods, such as survey methodology, ethnography, or rhetorical criticism. May be repeated for credit when topics vary up to three times for a total of nine credits. Prerequisites: CMST 26900 and one level-3 CMST course. (IRR)
3 Credits

CMST 49500 Internship: Communication Studies (NLA)

Work-study project designed by the student in consultation with a sponsoring faculty member and a cooperating practicing professional. The proposal must define the work to be done, the theories to be explored, and the student's plan for submitting a written report based on his or her experience. Offered on demand only. No more than may be used toward the major. Prerequisites: Communication studies major, with a cumulative GPA of 2.30 and 3.00 in the major; permission of communication studies faculty. Variable credit, up to .
Attributes: UND
1-12 Credits

CMST 49800 Directed Research (LA)

Research project arranged at student request with an individual instructor in communication studies. Offered on demand only. No more than may be used toward the major. Prerequisites: Communication studies major or minor, with a cumulative GPA of 2.30 and 3.00 in the major; junior standing; permission of communication studies faculty.
Attributes: UND
1-4 Credits

CMST 49900 Independent Study: Communication Studies (LA)

Special reading and research under the supervision of the department. Must not duplicate standard coursework. Application must be made to the communication studies faculty before preregistration for the semester in which the study is to be undertaken. Offered on demand only. May be repeated for a total of Prerequisites: Cumulative GPA of 2.30 and 3.00 in major; junior or senior standing; permission of communication studies faculty.
Attributes: UND
1-4 Credits

Computer Science (COMP)

COMP 10500 Introduction to Website Development (LA)

Introduction to the design and construction of responsive interactive websites using current technologies and tools. The course covers principles of effective website design, the design process, and implementation techniques. A term project building a large interactive, mobile-ready website is required. Students who have completed or are taking COMP 20500 may not receive credit for this course. (F,S,Y)
Attributes: CA, CCCS, ESTS, MC, NS, TWOS
3 Credits

COMP 10600 Multimedia Programming (LA)

Fundamental concepts and skills in media programming are covered through design and development of interactive, multimedia websites and applications. Assignments include hands-on projects built using text, images, video, audio, animation, and interactivity. (F,S,Y)
Attributes: CA, CCCS, ESTS, NS, TIII
3 Credits

COMP 10700 Introduction to 2D Game Development (LA)

An introduction to the design, development, and implementation of two-dimensional (2-D) games. Topics to be covered will include principles of designing games and the computational methods and tools used to create game content. Some programming will be introduced, but no prior computing experience is needed. Students will also learn the basic principles of project management and teamwork. Concepts will be put into practice as teams design and develop their own 2-D game. The course will be a combination of lectures and hands-on exercises. (F,Y)
Attributes: 2B, CA, MC, NS, TIII
4 Credits

COMP 11000 Computers and Information Technologies (LA)

Develops student expertise in the use of a computer and the major software tools used for personal and professional productivity, with an emphasis placed on spreadsheets and database management systems. Includes an introduction to the components of a computer system and to social and ethical issues surrounding the use of a computer. Students may receive credit for only one of the following courses: COMP 11000, HLTH 13901, EXSS 13900. Students who have already taken COMP 20100 cannot receive credit for this course. (F,S,Y)
Attributes: 2B, NS, QL
3 Credits

COMP 11500 Discrete Structures for Computer Science (LA)

An introduction to discrete structures for computer science. The major topics of study include sets, proof techniques, logic, predicate logic, relations and functions, counting and probability, matrices, and induction. (S,Y)
Attributes: 2B, NS
4 Credits

COMP 12200 Introduction to Robotics Using Legos (LA)

This course introduces students to robotics and programming using Legos. Students will build various type of robotic objects incorporating output devices such as motors and lights as well as sensor input devices such as touch sensors, light sensors, sonar sensors, and rotation sensors. The emphasis is on hands-on labs. Programs to control and robots will be developed using an object-oriented language such as Java or C++ and cover the basic object-oriented concepts. Engineering concepts involving the use of gears will be briefly explored. The emphasis is hands-on labs along with presentations and demonstrations. This course is designed for students who have little or no previous programming experience. The course may not be taken for credit after COMP 22000 or COMP 22500. (IRR)
Attributes: 2B, NS
3 Credits

COMP 12400 Geographical Information Systems (LA)

Exploration of analytical and computational concepts and skills necessary to create, manipulate, analyze, visualize, and manage spatial databases. Skill-development in using a geographic information system (GIS) in a computer laboratory. Prerequisite: WRTG 10600, ICSM 108xx or ICSM 118xx. (F,Y)
Attributes: CCCS, ESTS, NS, WI
3 Credits

COMP 17000 Introductory Computer Project (NLA)

Student undertakes a project to design and implement a computer application under the guidance of one or more faculty members. May be repeated for a total of Prerequisites: Permission of the computer science faculty. (F-S,Y)
1-3 Credits

COMP 17001 Introductory Computer Project (NLA)

Student undertakes a project to design and implement a computer application under the guidance of one or more faculty members. May be repeated for a total of Prerequisites: Permission of the computer science faculty. (F-S,Y)
1-3 Credits

COMP 17100 Principles of Computing Science I (LA)

A disciplined introduction to problem-solving methods and program development. Topics include standard control structures, basic data structures, algorithms and abstraction mechanisms, testing, and an introduction to algorithm analysis. (F-S,Y)
Attributes: 2B, NS
4 Credits

COMP 17200 Principles of Computer Science II (LA)

The focus of this course is to reinforce and strengthen the foundational concepts learned in Computer Science I and to provide additional experience with problem solving and algorithmic thinking independent of the programming language used. It will provide the requisite skills needed by majors and minors to successfully progress in Computer Science. The course will be a combination of lectures, in-class exercises, and labs, with a strong hands-on approach. Prerequisites: COMP 17100. (F-S, Y)
Attributes: NS
4 Credits

COMP 17900 Topics: Computer Languages (LA)

The syntax, data structures, and distinctive features of a specific programming language chosen from those not given detailed coverage in any regularly offered computer science course. Programming assignments develop students' skills in the language and illustrate typical applications. Possible languages include C++, LISP, and PROLOG. Prerequisites: COMP 17100. Restricted to students who have not already taken a course treating in detail the language offered by this course. May be repeated for credit with different languages. (IRR)
Attributes: UND
1 Credit

COMP 19000 Selected Topics in Computer Science (LA)

Topics to be determined by the instructor and the Department of Computer Science. May be repeated for credit for selected topics on different subjects. (IRR)
Attributes: NS
1-4 Credits

COMP 19200 Independent Study in Computer Science (LA)

Enrichment and extension of the regular curriculum to areas not covered in existing courses. Arranged individually between student and faculty sponsor according to guidelines available from the department. (IRR)
Attributes: UND
1-4 Credits

COMP 20200 Computational Foundation of Emerging Media (LA)

Introduction to the concepts, tools, and computational methods underlying the most popular forms of emerging media. Topics include existing software tools for design, development, and analysis of emerging media and the computational methods and concepts underpinning both the tools and the media itself. Hands-on exercises in programming, scripting, and using a variety of software packages. Prerequisites: COMP 17100. (S, Y)
Attributes: NS
4 Credits

COMP 20500 Advanced Web Programming (LA)

Introduction to the creation of interactive and dynamic web pages. Students study the technologies and concepts necessary to add interactive scripts to web pages (client-side programming), receive and supply information to web pages (server-side programming using scripting), and store information (database creation). Prerequisites: COMP 17200. (F,Y)
Attributes: CCCS, NS
4 Credits

COMP 20700 Game Development and Technologies (LA)

Covers the methods and technologies used to implement and test video games, with an emphasis on the software design and development, prototyping, and testing phases. Additionally, students are introduced to the various technologies (graphics, artificial intelligence, game physics, audio, and networking) and software tools used by game developers. This course may not be counted toward a computer science major. Prerequisites: COMP 10700 or COMP 17100 (S,Y)
Attributes: NS
4 Credits

COMP 21000 Introduction to Computer Organization and Systems (LA)

Computer structure and organization. Investigation of operating systems, including processes, memory management, and file systems. Prerequisites: COMP 22000. (S,Y)
Attributes: NS
4 Credits

COMP 22000 Introduction to Data Structures (LA)

This course covers basic data structures, including stacks, queues, trees, and graphs. Fundamental algorithmic techniques, such as sorting and searching, are also covered. Prerequisites: COMP 17200; COMP 11500 or MATH 11100 (may be taken concurrently). (F,Y)
Attributes: NS
4 Credits

COMP 27000-27001 Intermediate Computer Project (NLA)

Students undertake a project to design and implement a substantial computer application under the guidance of one or more faculty members. Permission of the computer science faculty required. May be repeated for a total of six credits. (F,S,Y)
1-3 Credits

COMP 29000 Selected Topics in Computer Science (LA)

Topics to be determined by the instructor and the Department of Computer Science. May be repeated for credit for selected topics on different subjects. (IRR)
Attributes: NS
1-4 Credits

COMP 29200 Independent Study in Computer Science (LA)

Enrichment and extension of the regular curriculum to areas not covered in existing courses. Arranged individually between student and faculty sponsor according to guidelines available from the department. (IRR)
Attributes: UND
1-4 Credits

COMP 30600 Mobile Development (LA)

Study of the basic concepts involved in developing applications for mobile devices including phones and tablets. Topics include Model-View-Controller architectures, user-interface design, multi-view applications, animation, threads, touch gestures, accessing sensors, and databases. The course includes practical experience through a semester-long team project to design and implement a mobile app. Prerequisites: COMP 22000. (F,E)
4 Credits

COMP 31000 Implementation of Computer Operating Systems (LA)

In-depth investigation of the major concepts, algorithms, and implementation principles of computer operating systems. Both theoretical and practical aspects of operating systems are considered; students undertake substantial programming projects to illustrate concepts. Topics include scheduling; resource and storage allocation; problems of resolving deadlock, exclusion, and synchronization; memory allocation; secondary storage implementation; and distributed system structures. Prerequisites: COMP 21000. (IRR)

Attributes: NS

4 Credits

COMP 31100 Algorithms and Data Structures (LA)

Analysis of major algorithms and data structures for primary memory. Data structures include graphs, dynamic hash tables, and balanced tree structures. Other major topics are algorithm design techniques (greedy method, divide/decrease and conquer, recursion and dynamic programming, branch and bound, and approximation algorithms). Prerequisites: COMP 22000 and COMP 11500. (S,Y)

Attributes: NS

4 Credits

COMP 32100 Programming Languages (LA)

An intermediate-level course in programming language constructs, including design issues, paradigms and corresponding machine models, language constructs, syntax, and semantics. Includes a survey of actual programming languages representative of common paradigms, critically comparing the design choices and features unique to each. Algorithmic, functional, and logical languages are considered. Prerequisites: COMP 21000 and COMP 22000. (F,Y)

Attributes: NS

4 Credits

COMP 32500 HCI: User Interface Design and Development (LA)

This course presents the fundamental concepts of design, prototyping, evaluation, and implementation of user interfaces (UIs), which are part of the field of HCI (human-computer interaction). Topics of study include user-centered design, task analysis, prototyping, interface design principles, user testing, interface metaphors, windows and event-driven programming, and heuristic evaluation. Principles of human perception and cognition are applied to user interface design. Web interface designs and three-dimensional user interfaces are also studied. Prerequisites: COMP 17200 and one of COMP 20500, COMP 20700, or COMP 22000. (S,Y)

Attributes: NS

4 Credits

COMP 33000 Introduction to Virtual Reality (LA)

This course introduces the fundamental concepts of virtual reality (VR), with an emphasis on the interdisciplinary nature of VR system development and applications. Topics include survey and analysis of VR hardware, software, and methodologies; advanced topics in computer graphics; interaction and navigation within VR; simulation and behaviors in virtual worlds; human perception; and applications of VR. The course includes hands-on experience with VR hardware and software. Prerequisites: COMP 20700 or COMP 22000. (F,E)

Attributes: NS

4 Credits

COMP 34500 Introduction to Software Engineering (LA)

An introduction to the software development process, focusing on analysis, design, programming, and testing of a medium-scale team project. Object-oriented software engineering practices are discussed, with an emphasis on the unified process, use case-based design, and the unified modeling language (UML). Testing, risk analysis, and design patterns are also addressed. Prerequisites: COMP 22000. (S,Y)

Attributes: NS

4 Credits

COMP 35400 Intelligent Systems (LA)

Explores key concepts of intelligent systems, including knowledge-based search techniques; automatic deduction, knowledge representation using predicate logic, and machine learning. Selected applications of artificial intelligence, such as problem solving, data mining, game playing, expert systems, planning, natural language understanding, and computer vision. Requires implementation of a significant intelligent software system.

Prerequisites: COMP 22000. (S,E)

Attributes: NS

4 Credits

COMP 36500 Computer Networks (LA)

Basic concepts of computer networks and data communications. The major topics include transmission media, error detection, routing, client-server models, remote execution, and encryption. Includes a discussion of characteristics of local and wide area networks, heterogeneous networks, and case studies of current networks. This course contains a laboratory component that includes topics such as network configuration, topologies and protocols, and installation of networks. Prerequisites: COMP 11500 and COMP 21000. (F,O)

Attributes: NS

4 Credits

COMP 37000-37001 Intermediate II Computer Project (NLA)

After consultation with the computer science faculty, the student undertakes a project to design and implement a substantial computer application under the guidance of one or more faculty members. Permission of the computer science faculty required. May be repeated for a total of six credits. (F,S,Y)

1-3 Credits

COMP 37500 Database Systems (LA)

Study of the basic concepts involved in database systems, including database architecture, data models, database design, and query techniques. The course includes practical experience through a semester-long team project to design and implement a database and related applications using SQL. Prerequisites: COMP 17100; COMP 20500 or COMP 22000 or COMP 22500. (F,E)

Attributes: NS

4 Credits

COMP 38500 Emerging Media Project (NLA)

Hands-on introduction to project design, development, implementation, and testing, with emphasis on the knowledge and skills required to successfully complete the production cycle, including team dynamics, market analysis, project management, documentation, and testing. Students work in teams on projects assigned by the instructor. Cross-listed with TVR 38500; students cannot receive credit for both COMP 38500 and TVR 38500. Open only to emerging media majors. Prerequisites: COMP 20200; junior standing. (F-S, Y)

4 Credits

COMP 39000 Selected Topics in Computer Science (LA)

Topics to be determined by the instructor and the Department of Computer Science. May be repeated for credit for selected topics on different subjects. (IRR)

Attributes: NS

1-4 Credits

COMP 39200 Independent Study in Computer Science (LA)

Enrichment and extension of the regular curriculum to areas not covered in existing courses. Arranged individually between student and faculty sponsor according to guidelines available from the department. (IRR)

Attributes: UND

1-4 Credits

COMP 41000 Algorithms + Organization = Systems (LA)

In-depth investigation of the major concepts and implementation principles of computer systems (operating systems, networks, databases, etc.) through the exploration of seminal algorithms used in systems. Students read research papers and conduct experiments on algorithms in a systems environment. Topics may include scheduling, resource and storage allocation, problems of resolving deadlock, exclusion, and synchronization, memory allocation, secondary storage implementation, distributed system structures, switching, and IP addressing. Prerequisites: COMP 21000 and COMP 31100. (F,O)

4 Credits

COMP 41500 Computer Graphics (LA)

An introduction to the fundamentals of computer graphics, including the mathematical foundations of graphics techniques; 2D and 3D algorithms for geometry, transformations, viewing, and lighting; stereo viewing, ray tracing, and radiosity. At least two different graphics APIs will be introduced and will be used to implement graphics programs and provide hands-on experience in the topics covered. Prerequisite: COMP 31100 or COMP 33000. (IRR)

Attributes: NS

4 Credits

COMP 45500 Search Engines and Recommender Systems (LA)

Explores how information retrieval and recommendation systems such as Netflix, Facebook, and Pandora, are designed and implemented. Combines development of information retrieval skills such as web-crawling, text & multimedia processing, boolean & vector-space modeling, classification, clustering, and similarity analysis. Will involve hands-on implementation of computer software systems. Prerequisites: COMP 22000 and one level-3 COMP or MATH course. (S,O)

4 Credits

COMP 46500 Topics in Networks (LA)

This course investigates contemporary advanced algorithmic and networking concepts. Topics change depending on the semester but include the structure and function of networks, security in networks, and network simulations. The course exposes students to computing research and requires at least one significant programming project.

Prerequisites: COMP 31100 and COMP 36500. (IRR)

Attributes: NS

4 Credits

COMP 47000-47001 Advanced Computer Project (NLA)

Students undertake a project to design and implement a substantial computer application under the guidance of one or more faculty members. May be repeated for a total of Prerequisites: Junior standing and permission of the computer science faculty. (F-S,Y)

1-3 Credits

COMP 47500 Senior Project (LA)

Offers students the opportunity to consolidate theory and apply concepts to a computer-based problem, thus enhancing their understanding of various facets of the computing discipline. Students are responsible for the analysis, design, development, documentation, implementation, and testing of the computer system. The project may be carried out singly or in small groups of up to four people. Prerequisites: Senior standing; permission of instructor. (F-S,Y)

Attributes: NS

3 Credits

COMP 48500 Emerging Media Capstone (NLA)

Working as part of a team, the student designs, develops, and documents a significant emerging digital media project under the guidance of one or more faculty members. Cross-listed with TVR 48500; students cannot receive credit for both COMP 48500 and TVR 48500. Prerequisites: COMP 38500 or TVR 38500 with a minimum grade of C-. (F-S, Y)

4 Credits

COMP 49000 Selected Topics in Computer Science (LA)

Topics to be determined by the instructor and the Department of Computer Science. May be repeated for credit for selected topics on different subjects. (IRR)

Attributes: NS

1-4 Credits

COMP 49200 Independent Study in Computer Science (LA)

Enrichment and extension of the regular curriculum to areas not covered in existing courses. Arranged individually between student and faculty sponsor according to guidelines available from the department. (IRR)

Attributes: UND

1-4 Credits

COMP 49500 Computer Science Capstone (LA)

Students explore connections between the integrative core curriculum, their computer science major, other learning experiences while at Ithaca College or abroad, and future goals. Students create a written reflection that integrates their various learning experiences and how their experience at Ithaca College has prepared them to achieve their future goals. Students also prepare a cover letter, curriculum vitae, and personal statement and identify career opportunities; and develop a showcase electronic portfolio. Prerequisites: Senior Standing; Computer Science and Emerging Media Computation majors only. (F,Y)

Attributes: CP

1 Credit

COMP 49800 Computer Science Internship for Majors and Minors (NLA)

A computer science project (carried out within an organization outside the department) that is not routine, entails significant work experience, and has substantial academic content. The student is responsible for developing a project proposal and completing it in conjunction with a faculty sponsor from the department and a supervisor from the outside organization. At the end of the project, the student shall present a report based on the experience. With departmental approval, up to may be counted as upper-level elective credit toward a major in computer science or mathematics computer science or a minor in the Computer Science Department. Students should have completed three-fourths of the major or minor to be eligible for this opportunity. Prerequisites: Permission of a faculty sponsor. 1-(IRR)

1-12 Credits

Culture and Communication (CLTC)

CLTC 10000 Introduction to Culture and Communication (LA)

Introduction to the interdependent relationship between symbols, rituals, artifacts, and patterns of thought of cultural groups and the communication practices of those groups. Core concepts are demonstrated through an illustrative case focused on a social issue, problem, or other phenomenon. Students are also introduced to resources and basic skills that enhance study in the liberal arts. Not open to seniors except by permission of instructor. (F,S)

Attributes: DV, LMSP, LSCO

3 Credits

CLTC 23001 Special Topics in Media Literacy (LA)

Using the principles and practice of media literacy, this course will examine how media messages are constructed and how they affect our individual and collective understanding of specific topics. Students will develop critical decoding skills through analysis of current and historical media documents. A wide range of media forms will be explored, including digital, audio, audiovisual, and print-based media. Each year the seminar will focus on a different topic reflecting current issues and media literacy curricula developed at the College (e.g., environmental issues, social justice, peace and war). In presidential election years, the topic will be media construction of presidential campaigns. Prerequisites: Sophomore standing. Can be repeated for up to six credits when topics vary. (F, Y)

Attributes: HU

3 Credits

CLTC 48000 Senior Seminar in Culture and Communication (LA)

In this capstone course each student will undertake a major scholarly research project involving a topic related to her or his designated area of inquiry. Drawing on the skills and knowledge developed through previous coursework, and with the mentoring of the seminar instructor, each student will execute a suitable research design and present the results both in writing and orally in a public forum. Prerequisites: Senior standing in culture and communication major; TVR 26200, CNPH 30000 or CNPH 30100. (S)

Attributes: CP

3 Credits

CLTC 49000 Internship: Culture and Communication (NLA)

The internship provides a structured intensive learning experience in an organization dedicated to research, planning, policymaking, or service provision in an area related to culture and communication. Supervision is provided by an on-site professional preceptor. Students are required to submit periodic written field reports, as well as a final internship experience report. Prerequisites: Junior standing or above and permission of instructor. 1 to (F-S, Y)

1-6 Credits

CLTC 49900 Independent Study: Culture and Communication (LA)

Intensive study of the theoretical and empirical relationships between culture and communication. These projects will be conducted under the supervision of a faculty adviser and will require a comprehensive research paper and/or project. A proposal for the topic and specific plans must be approved by the dean's office of the Division of Interdisciplinary and International Studies. Prerequisites: Junior standing or above and permission of instructor. 1 to (F-S, Y)

1-4 Credits

Culture, Race and Ethnicity (CSCR)

CSCR 10600 Introduction to African Diaspora Studies (LA)

Introductory survey of the major topics and methodologies involved in studying the roots and routes of the African diaspora. Investigation of the physical and cultural movements between Africa and the Americas. Topics include the prominence of Africa in global history; the movement of African people (both voluntary and forced migrations); the enslavement of African peoples in the Americas; cultural aesthetics and identities; colonialism; and resistance. Employs an interdisciplinary approach drawing from disciplines in history, politics, cultural studies, social policy, and sociology. (F,S,Y)

Attributes: 1, AN3, CNSL, DV, G, SS

3 Credits

CSCR 10700 Introduction to Latino/a/x Studies (LA)

This interdisciplinary course explores the varied experiences of Latino/a/x people in the United States, past and present. Drawing from the disciplines of history, anthropology, literature, women's studies, and ethnic studies, it examines the historical roots of Latino/a/x, Chicano/a, Puerto Rican, Cuban-American, Central, and South American peoples. In particular, it will focus on notions of family, gender, class, race, political economy, language, and sexual identity in relation to public policy and Latino/as' struggles for place and power. Its approach is historical and comparative and it emphasizes the multiplicity of Latino/a/x experiences as well as the strategic deployment of the term Latino/a/x. (F,S,Y)

Attributes: AN3, CNSL, DV, H, HU, LAEL, LAGC

3 Credits

CSCR 10900 Introduction to Native American Indigenous Studies (LA)

Offers an interdisciplinary survey and introduction to the field of Native American Indigenous Studies. Focuses on how past and present Native American experiences both in the United States and with its colonial precursors have shaped this pan-ethnic group's identity, cultures, political power, and ways of life. Examines approaches to Native American Indigenous Studies and the way Native Americans have navigated their relationship to others historically and today. (F,S,Y)

Attributes: AN3, CNSL, DV, SO, SS, TIDE, TPJ

3 Credits

CSCR 11000 Introduction to Asian American Studies (LA)

Offers a critical introduction to Asian American Studies. Focuses on Asian migrations to the U.S., especially in response to labor demands in the 18th -21st centuries. Examines the ways these migrations and subsequent generations of Asian Americans have shaped the economy, racial hierarchies/power, notions of citizenship and cultural belonging, and movements for freedom and autonomy. Discusses the structure and systems of race in the United States as they apply to Asians within a broader context. (F,S,Y)

Attributes: AN3, CNSL, DV, HM, SO, SS, TIDE, TPJ

3 Credits

CSCR 12000 U.S. Civil Rights Seminar (LA)

The primary goal of the course is to introduce students to the history, philosophies, and practices of the civil rights movement in the United States, with a particular focus on the work and writings of Martin Luther King Jr. By utilizing readings, class discussions, and a visit to significant historical landmarks of the movement, students will develop an understanding of the differing approaches to social change and their strategic use within different parts of the modern day civil rights era. In addition, students will build an academic foundation for the required civil rights tour to be held during fall break. The seminar is open to Martin Luther King Jr. Scholar Program participants only. For more information scholars should review the program requirements. Prerequisites: None. 1 Credit. (F, Y)

Attributes: SS

1 Credit

CSCR 12300 Introduction to Culture, Race & Ethnicity Concepts (LA)

Introduces students to key concepts in culture, race, and ethnicity studies. Drawing from cultural studies, comparative ethnic studies, and gender and sexuality studies, it investigates how racial and ethnic identity politics shape institutional and social policies, cultural expressions and aesthetics, and resistance movements. Particular attention will be paid to the ways communities of color have negotiated oppression, generated knowledge, and secured dignity and self-determination. (F,S,Y)

Attributes: AN3, CNSL, DV, H, LMSP, LSCO, SO, SS, TIDE, TPJ

3 Credits

CSCR 14500 Politics of Identity: Race, Ethnicity, Culture (LA)

Explores the impact of race on both individual identities and on the life opportunities afforded to different racial groups in the United States. Focuses on understanding how identity and race are socially and politically constructed in order to devise an anti-racist politics that cuts across racial and cultural differences. Cross-listed with POLT 14500. Counts as a political theory course for politics majors. (F,Y)

Attributes: HM, SO, SS, TIDE, TPJ

3 Credits

CSCR 21100 American Gangster: Social Portrayals of Gangs (LA)

Analyzes the social portrayals of American gangsters in films, with an emphasis on deconstructing portrayals of race, class, ethnicity, gender, and sexuality. Examines the social, political, and economic factors involved in the emergence of criminal organizations (mafias, prison gangs, street gangs, and violent motorcycle clubs) in the United States. Investigates an array of multi-ethnic and multi-racial gangsters, with a significant focus on Latinos in the U.S. (Y)

Attributes: ADCH, ADSE, HU, LMEL, LSCH, LSCO, LXME, MAP, SCE

3 Credits

CSCR 21500 Asian Americans Speak Out: Resisting Mainstream History (LA)

Introduces students to oral history methodologies and theories within the trajectory of Asian American studies. Critically interrogates what constitutes history and the knowledge that is produced through it. Examines how and why this stake in oral history methodology emerges as a strategy for survival, the incorporation of once neglected accounts into academic narratives, and the challenge posed by this institutionalization to contemporary scholars in Asian American studies. (Y)

Attributes: AAPP, AASE, AN3, DV, SO, TIDE, TPJ

3 Credits

CSCR 22000 Case Studies in Global Justice (LA)

This seminar will introduce students in the Martin Luther King Jr. Scholar Program to the study of social justice in an international and comparative context. In general the seminar is designed to engage scholars in analysis, discussion, writing, and action that will contribute to the development of global citizens who have the skills, perspectives, and motivation to work effectively for social justice. Each seminar will examine a particular case study while utilizing the work of Martin Luther King Jr. The seminar also provides the academic framework that explores the nexus between race, migration, and social justice. Through both individual and group work students will work to draw conclusions and life lessons from their international research and experiences. This seminar may be taken for 0 or 1 credit and is open to Martin Luther King Jr. Scholar Program participants only. For more information scholars should review the program requirements. Prerequisites: CSCR 12000 or CSCR 12100. (F, Y)

Attributes: SS

0-1 Credits

CSCR 23400 Black Cinema: Exploring the Black Image in Film (LA)

Explores the image of Black people in film in a social and historical context. Examines the role of the Black director and Black cinema conventions. Introduces students to visual and textual reading methods used in Black studies and ethnic studies. Topics include, but are not limited to, spectatorship, music videos, Caribbean and Black British cinema, afrofuturism, the Black romantic narrative, racial conflict, and blaxploitation. (Y)

3 Credits

CSCR 23700 Policing the Borderlands: Power, Policy, and Justice (LA)

Examines the history of the US-Mexico Borderlands, with a special focus on power, policy, and justice. Investigates how state policy from the colonial period to the present has shaped people's sense of community and national identification, and how peoples of multiple cultures and shifting national affiliations have historically negotiated power, policy, and justice in this region. Considers how power and justice are manifested in state policy and contested through acts of resistance and violence. Topics explored include policies associated to citizenship, statehood, immigration, sovereignty, education, crime, and enforcement. Prerequisites: Sophomore Standing. (Y)

Attributes: DV, LAEL, LAGC, LMEL, LSCO, LSPP, LXME, NAPP, NASE

3 Credits

CSCR 24200 Miscegenation and Racial Binaries (LA)

Introduction to the history, policies, laws, language, and cultural mores around interracial marriage and biracialness beyond racial binaries. Prerequisites: Sophomore standing. (IRR)

Attributes: ADPP, ADSE, NAPP, NASE, SS

3 Credits

CSCR 25000 Hip-Hop Cultures (LA)

Examines the historical, political, racial, economic, and social importance of hip-hop as a cultural movement. Particular attention is given to hip-hop's main tenets (writ'ing, b-boy'ing, dj'ing, and mc'ing); the political economy of racialized representations; and the legacy and agency of cultural expressions. (Y)

Attributes: 1, ADCH, ADSE, DV, H, SCE, SS, WGS

3 Credits

CSCR 25600 The Politics of Whiteness (LA)

Examines the emergence of whiteness as a category that determines the distribution of rights and privileges including voting rights, property rights, and the right to own one's own body. Explores the politics of whiteness in relation to culture, ideology, sexuality, social movements, and cross-racial alliances. Prerequisites: Sophomore standing. (F,Y)
Attributes: AAPL, AASE, ADCH, ADSE, AN3, DV, LSPL, LXME, SO, TIDE, TPJ
3 Credits

CSCR 26100 Watching Race in American Media (LA)

Explores how representations of racial and ethnic identities in U.S. film, television, and music influence the construction of political, racial, and gender identities nationally. Investigates how cultural representations of race, ethnicity, and gender are central to the development of U.S. mass culture and consumerism, nationalism, citizenship, and social movements. Particular attention is given to the role of black and Latino/a culture and music in developing strategies of resistance to oppression. (Y)

Attributes: AACH, AASE, ADCH, ADSE, DV, HM, LSCH, LXME, MAP, NACH, NASE, SCE, TIDE, TPJ

3 Credits

CSCR 30500 Practicum in Social Change: Urban Mentorship Initiative (NLA)

An academic mentorship program that offers students the opportunity to participate in interdisciplinary coursework and field-based service-learning aimed at supporting underserved youth in their pursuit of higher education. Course includes required participation in a two-day trip (Friday to Saturday) to a partner school. This is a cross-listed course; students cannot receive credit for both SOCI 30500 and CSCR 30500. (F,Y)

Attributes: AAPP, AASE

3 Credits

CSCR 30700 Race and Colonialism (LA)

This course engages colonialism as a set of racial and material practices that shaped the identities of the colonizers and the colonized as much as it did the global political economy. Three themes in particular will guide our engagement: the racial overtones and undertones of the colonial encounter, especially as embodied in the ideas of discovery, barbarism, and progress; the psychological dynamics of the relationship between the colonizers and the colonized; and the politics of oppression and liberation. Cross-listed with POLT 32300. Prerequisites: Junior standing. (Y)

Attributes: AACI, AASE, ADCI, ADSE, LSCI, LXME, NACI, NASE, SS

3 Credits

CSCR 32400 Critical Race Theories (LA)

Explores the realities and consequences of using race as a category of analysis and identity in the United States and/or in the diasporas of Black, Latino/a/x, Asian and indigenous peoples. Includes the study of settler colonialism, systemic racism, intersectionality, history of racial formations, racial/ethnic identities and hierarchies, and whiteness. Examines the foundations and assumptions of various critical race theories significant to the fields of indigenous studies and/or race and ethnicity studies. Prerequisites: One CSCR course. (Y)

Attributes: AAPP, AASE, ADPP, ADSE, LSPP, LXME, NAPP, NASE

3 Credits

CSCR 35000-35012 Selected Topics in Culture, Race and Ethnicity (LA)

Selected topics in culture, race, and ethnicity will be considered with a narrow focus and considerable depth. This course may be repeated for credit for different selected topics. Prerequisites: Junior standing. (IRR).

Attributes: SS

3 Credits

CSCR 35100 Race and Sexual Politics (LA)

Explores how dominant representations of racialized sexuality, femininity, and masculinity in U.S. culture and politics influence systems of inequality. Particular attention is paid to the relationship between constructions of race and sexual politics, social policy shifts in welfare reform, the prison industrial complex, and intimate justice. Focus on antiracist feminist resistance and reproductive justice. Prerequisites: Junior standing. (Y)

Attributes: AAPL, AASE, ADPL, ADSE, DV, LSPL, LXME, NAPL, NASE, SS, WGS, WGS3

3 Credits

CSCR 35200 Punishment, Prisons, and Democracy (LA)

This course explores dominant definitions of crime, punishment, and democratic justice in the United States and their relationship to imprisonment. The course begins by examining the historical and ideological roots of the U.S. prison system from slavery to the convict lease system. Focusing on the post-civil rights era, we consider how deindustrialization, the war on drugs, and shifts in policing, welfare policy, sentencing laws, and global militarism have redefined notions of U.S. justice and democracy. The course is attentive to the ways the prison industrial complex disproportionately affects people of color.

Prerequisites: Junior standing. (Y)

Attributes: AAPP, AASE, ADPP, ADSE, DV, LSPP, LXME, NASE, SS, WGS, WGS3

3 Credits

CSCR 37400 Latino/a/x Resistance Movements (LA)

Focuses on the historical relationships between Latino/a/x people and other racial/ethnic groups in the US and Latin America with special emphasis on social movements and grassroots efforts for social justice from post-WWII to the present. Central theoretical questions revolve around why resistance movements rise and fall, and how the politics of Latino/a/x resistance within the United States have historically evolved. Examines collective Latino/a/x agency and community attempts to shape their own political and social destiny by teaching students archival research methods. Students review archival materials from Latino/a/x organizations to ask what constitutes history-making. Interrogates how grassroots movements use alternative historical archives and cultural objects to create counter-narratives of resistance. Prerequisites: One CSCR course or one course designated for the Latin American Studies minor (LAEL attribute). (S,Y)

Attributes: LAEL, LSPL, LXME

3 Credits

CSCR 38000 Research in Culture, Race, and Ethnicity Studies (LA)

Engages students in research on a selected topic, theme, or community-engaged project related to issues of indigeneity, race, and/or ethnicity.

Project is determined by the instructor or co-created by student participants. Students consider the ethical dimensions of research, learn methodological approaches and practice applying research methods that are commonly used in indigenous studies and/or ethnic studies. Potential research methods may include, but are not limited to, community-driven research methods; social science qualitative methods like interviewing & coding; ethnographic methods; oral history; textual analysis methods; and/or archival research methods. Prerequisites: At least one CSCR course. (IRR)

Attributes: AAPP, AASE, ADPP, ADSE, LSPP, LXME, NAPP, NASE

3 Credits

CSCR 43300 Education, Oppression, and Liberation (LA)

Interrogates the educational experiences of oppressed people in the African Diaspora. A historical overview of the schools, pedagogies, and curriculums developed for Black/Brown students including the political, social, economic, and cultural manifestations of "Black education." Additionally, the course examines how educational institutions have been, and can be, used for individual, group, and global liberation. Prerequisites: Three courses in the liberal arts or permission of instructor. (IRR)
Attributes: 1, ADPL, ADSE, G, SS
3 Credits

CSCR 43400 Capstone Seminar in Race, Power, and Resistance (LA)

Capstone seminar serving as the culminating experience for Race, Power, and Resistance majors. Draws on the skills and concepts developed through previous coursework in the major and the ICC curriculum to synthesize various theories, knowledges, and methods in indigenous, race and ethnic studies. Features intensive examination of comparative and relational race and ethnic studies, particularly how different racially/ethnically oppressed groups are positioned relative to each another and within racial hierarchies. Students integrate studies in the major and their ICC coursework through a research project focused on the comparative and relational dimensions of racial/ethnic oppression and resistance. Prerequisites: CSCR 32400; CSCR 21500, CSCR 23400, CSCR 37400, or CSCR 38000. (IRR)
Attributes: AACI, AASE, ADCI, ADSE, LSCI, LXME, NACI, NASE
3 Credits

CSCR 43500 Black Radical Traditions (LA)

Examines Black radical philosophies ranging from slavery to the present. Traces shifts and continuities in how Black philosophers have contended with barriers to freedom and emancipation, with a focus on political figures like Harriet Jacobs, Ida B. Wells, W.E.B. DuBois, C.L.R. James, Martin Luther King Jr., Malcolm X, Frantz Fanon, James Baldwin, Angela Y. Davis and Audre Lorde. Explores these writers' engagement with abolition, existentialism, desegregation, decolonization, and the intersectionalities of race, gender and sexuality, while situating the Black radical tradition within the broader history of U.S. thought, culture and politics. (S,IRR)
Attributes: ADCI, ADSE, DV, HU, WGS, WGS3, WGS1
3 Credits

CSCR 45000 Selected Topics in Culture, Race and Ethnicity (LA)

Selected topics in culture, race, and ethnicity will be considered with a narrow focus, in-depth analysis, and advanced research and writing. This course may be repeated for credit for different selected topics. Prerequisites: CSCR 12300, one 200-level CSCR course, and one 300-level CSCR course. (IRR).
Attributes: SS
3 Credits

CSCR 47800 Las Americas: Globalizing Latino/a Studies (LA)

Historicizes economic, political, and cultural processes in the Americas during the 20th century by focusing on U.S. Latinos/as in relation to globalization. Emphasis on transnational social movements, migration and borders; state formation and international organizations; human rights; labor organizing; counterinsurgency; and regional, non-U.S. centered, inter-American relationships. This is a capstone course designed as a discussion/reading/research-intensive seminar. Prerequisites: One course in CSCR at 300 level or higher. (S,Y)
Attributes: HU, LSCI, LXME
3 Credits

CSCR 49800 Internship: Culture, Race, and Ethnicity (NLA)

The internship provides a structured intensive learning experience in an organization dedicated to research, planning, policymaking, or service provision in an area related to culture, race, and ethnicity. Supervision is provided by an on-site professional preceptor. Students are required to submit periodic written field reports, as well as a final internship experience report. Prerequisites: Junior standing or above and permission of instructor. 1 to (F-S, Y)\.
1-6 Credits

CSCR 49900 Independent Study: Culture, Race, and Ethnicity (LA)

Intensive study of the theoretical and empirical relationships between culture, race, and ethnicity. These projects will be conducted under the supervision of a faculty advisor, and will require a comprehensive research paper and/or project. A proposal for the topic and specific plans must be approved by the dean's office of the Division of Interdisciplinary and International Studies. Prerequisites: Junior standing or above, and permission of instructor. (F-S,Y)
1-4 Credits

Dance (DNCE)

DNCE 10000 Introduction to Dance (LA)

Survey of the varied forms and styles of social, spiritual, and theatrical dance. Lecture, discussion, and film viewing provide a fundamental understanding of the development of dance forms and a foundation for evaluation and criticism of dance performance in society. (F,Y)
Attributes: 3B, FA
3 Credits

DNCE 11100 Ballet I (NLA)

Introductory analysis and practice of ballet technique. Students develop an understanding of fundamental ballet technique and terminology, body awareness, elasticity and rhythmic sense. May be repeated four times. (F,Y)
1 Credit

DNCE 11200 Ballet II (NLA)

Continuation of DNCE 11100. Further analysis and practice of ballet technique. Students develop a deeper concentration in and understanding of fundamental ballet technique and terminology. Building of strength through flexibility and coordination. May be repeated four times. Prerequisites: DNCE 11100 or permission of instructor. (S,Y)
1 Credit

DNCE 12100 Modern Dance I (NLA)

Introductory analysis and practice of modern dance technique. Students develop an understanding of body awareness and fundamentals of improvisation. Emphasis is placed on expressive body movement, warm-up exercises, and basic principles of form and improvisation. May be repeated four times. (F,Y)
1 Credit

DNCE 12200 Modern Dance II (NLA)

Continuation of DNCE 12100. Further analysis and practice of modern dance technique. Students develop a deeper concentration in and understanding of body awareness and fundamentals of improvisation. May be repeated four times. Prerequisites: DNCE 12100 or permission of instructor. (S,Y)
1 Credit

DNCE 13100 Jazz Dance I (NLA)

Introductory analysis and practice of jazz dance technique for theatre performance. Students develop an understanding of fundamental movement principles, technique, and terminology. May be repeated four times. (F,Y)

1 Credit

DNCE 13200 Jazz Dance II (NLA)

Continuation of DNCE 13100. Further analysis and practice of jazz dance technique for theatre performance. Students develop a deeper concentration in and understanding of fundamental jazz movement principles. May be repeated four times. Prerequisites: DNCE 13100 or permission of instructor. (S,Y)

1 Credit

DNCE 14100 Tap Dance I (NLA)

Introductory analysis and practice in tap dance technique. Students develop an understanding of tap dance styles, history of tap dance in stage and film, and terminology. May be repeated four times. (F,Y)

1 Credit

DNCE 14200 Tap Dance II (NLA)

Continuation of DNCE 14100. Further analysis and practice of tap dance technique. Students develop a deeper concentration in and understanding of fundamental principles, technique, and terminology. May be repeated four times. Prerequisites: DNCE 14100 or permission of instructor. (S,Y)

1 Credit

DNCE 21100 Ballet III (NLA)

Continuation of DNCE 11200. Intermediate analysis and practice of ballet technique. Further development in building strength through flexibility and coordination. May be repeated four times. Prerequisites: DNCE 11200 or permission of instructor. (F,S,Y)

1 Credit

DNCE 22100 Modern Dance III (NLA)

Continuation of DNCE 12200. Intermediate analysis and practice of modern dance technique. Further development of skills in selected styles and techniques in the modern idiom. May be repeated four times. Prerequisites: DNCE 12200 or permission of instructor. (S,Y)

1 Credit

DNCE 23100 Jazz Dance III (NLA)

Continuation of DNCE 13200. Intermediate work in analysis and practice of jazz dance technique in theatre performance, building on skills developed in beginning jazz and ballet classes. May be repeated four times. Prerequisites: DNCE 13200 and DNCE 21100 (may be taken concurrently), or permission of instructor. (F,Y)

1 Credit

DNCE 24100 Tap Dance III (NLA)

Intermediate course in tap technique designed to broaden awareness and skill in tap dance for stage and film. May be repeated four times. Prerequisites: DNCE 14200. (F,Y)

1 Credit

DNCE 30100 Survey of Dance History (LA)

Examines origins and development of ballet and modern dance in Western societies, considering the artistic, political, philosophical, religious and social forces that influenced the art form. Prerequisites: junior standing. (S,O)

Attributes: 3B, G, H, HU

3 Credits

DNCE 30200 Dance Composition (LA)

Introduction to dance composition theory through original movements studies composed by students. Explore concepts of movement designed in time and space, as well as dynamics, rhythm and motivation.

Prerequisites: two courses of 200-level dance technique selected from DNCE 21100, DNCE 22100, DNCE 23100, or DNCE 24100. (S,E)

Attributes: CCCS, FA

3 Credits

DNCE 31100 Ballet IV (NLA)

Advanced technique course focusing on complex movements that strengthen the body and mind connection and increase personal expressiveness and artistry as a ballet dancer. May be repeated four times. Prerequisites: DNCE 21100 or permission of instructor. (F,S,Y)

1 Credit

DNCE 31200 Ballet IV with Pointe (NLA)

Advanced technique course, including pointe work, with emphasis on barre and center work. Focus on development of leg strength and learning variations from full length ballets. Prerequisites: DNCE 21100; permission of instructor. (F,S,Y)

1.5 Credits

DNCE 32100 Modern Dance IV (NLA)

Advanced technique course focusing on modern dance skills designed to broaden the student's awareness of selected styles and technique in the modern idiom. May be repeated four times. Prerequisites: DNCE 22100 or permission of instructor. (S,Y)

1 Credit

DNCE 33100 Jazz Dance IV (NLA)

Advanced course in analysis and practice of jazz dance for theatre performance. May be repeated four times. Prerequisites: DNCE 23100 or permission of instructor. (S,Y)

1 Credit

DNCE 34100 Tap Dance IV (NLA)

Advanced course in tap technique designed to broaden awareness and skill in tap dance for stage and film. May be repeated four times. Prerequisites: DNCE 24100 or permission of instructor. (S,Y)

1 Credit

DNCE 35100 Advanced Dance Technique (NLA)

Ongoing dance and movement practice for the advanced level pre-professional dancer. Focus is on integration of dance and movement skills with special attention on deepening the understanding and application of core strength with a wide range of movement and choreographic possibilities. Students are accepted into the course by audition. The course is repeatable up to four times. Prerequisites: Permission of instructor. (F,S,Y)

1 Credit

DNCE 36100 Dance for the Musical Stage I (LA)

Advanced course in the techniques, forms, and styles of dance in musical theatre. Movement studies are performed to familiarize students with a variety of musical theatre dance styles focusing on mid 19th through early 20th century dance forms. Survey of the early history of dance in the American musical theatre through readings, lectures, class discussions, student research, and films. Prerequisites: two courses of 200-level dance technique selected from DNCE 21100, DNCE 22100, DNCE 23100, or DNCE 24100, or permission of instructor. (F,Y)

Attributes: FA

2 Credits

DNCE 36200 Dance for the Musical Stage II (LA)

Advanced course in the techniques, forms, and styles of dance in musical theatre. Movement studies are performed to familiarize students with a variety of musical theatre dance styles focusing on 20th century dance forms. Survey of the development of dance in the American musical theatre through the present day, through readings, lectures, class discussions, student research and films. Prerequisites: two courses of 200-level dance technique selected from DNCE 21100, DNCE 22100, or DNCE 23100 (may be taken concurrently), or permission of instructor. (S,Y)

Attributes: FA

2 Credits

Documentary Studies (DOCU)

DOCU 10100 Documentary Immersion (LA)

An introduction to the vast field of documentary with regular guest presentations about the various aspects of the theory and practice of the field drawn from across the Park School faculty. Attendance is required at a number of documentary-oriented special events both in the Park School and in other schools on campus, including screenings, guest lectures, workshops, master classes, concerts, trainings, and symposia. (F)

1 Credit

DOCU 40100 Documentary Industries (LA)

An overview of the political economies, infrastructures, and operations of documentary practices across platforms such as print, analog, digital media, and hybrid forms within both national and international contexts. It discusses budgeting, project development, technologies, research, production and team management, fundraising, co-productions, granting agencies, legal and ethical issues, marketing design, public relations, press kits, festivals, broadcast, streaming, roll-out strategies, website development, engagement campaigns, audience development for festivals and screenings, distribution, four walling, roadshowing, self-distribution, institutional and home-use sales, community-based screenings, and eventizing. (S)

Attributes: CCCS

1 Credit

DOCU 49900 Documentary Practicum (NLA)

Produce a substantive nonfiction media project with the guidance of a faculty member. Projects that partner with nonprofit, activist or educational groups outside of the Park School of Communications are encouraged. Works for hire are not eligible. Access is restricted to proposals that are approved by the Documentary Studies and Production Steering Committee before the registration period in the prior fall or spring semester. The outcome should be a completed work suitable for inclusion in a professional portfolio and that has value as a form of community engagement on substantial issues. By permission of instructor. Prerequisites: TVR 29900 or JOUR 21100. (IRR)

1-4 Credits

Economics (ECON)

ECON 11500 Current Economic Debates (LA)

The study of economic issues tied to selected topics such as labor relations, unemployment, health care, poverty, discrimination and inequality, globalization and climate change. These will be analyzed from a lens of equity, inclusion, and economic justice. (F,S)

Attributes: 1, SS

3 Credits

ECON 12100 Principles of Macroeconomics (LA)

Introduction to economics as a discipline and as an analytical approach to problem solving. Macroeconomics includes the following topics: production-possibilities frontiers, determination and measurement of national income, business cycles, money and banking, federal reserve system, fiscal and monetary policies, schools of economic thought, business organizations, taxation, social versus private goods, price levels, and applications to current economic problems. (S,Y)

Attributes: 1, QL, SS

3 Credits

ECON 12200 Principles of Microeconomics (LA)

Introduction to microeconomics, with topics such as determination of price by supply and demand, theory of consumer demand and utility, analysis of costs and supply, market structures and industry organization including monopoly, distribution of income, pricing of productive resources (wages, interest, profits, and rents), international economics, comparative economic systems, and applications to current economic problems. (F,Y)

Attributes: 1, QL, SS

3 Credits

ECON 20100 Micro Analysis (LA)

Intermediate microeconomics course on consumer and producer behavior, supply and demand, market analysis, and conditions under which such behavior is socially desirable for the community as a whole.

Prerequisites: ECON 12100 and ECON 12200. (F,Y)

Attributes: SS

3 Credits

ECON 20200 Macro Analysis (LA)

Intermediate macroeconomics course on theory and policy related to unemployment, GDP growth, exchange rates, and global trade balances; course will analyze questions from perspectives of the United States, the Eurozone, emerging economies, and developing countries. Prerequisites: ECON 12100 and ECON 12200. (S,Y)

Attributes: SS

3 Credits

ECON 20400 Economics of Health Care (LA)

Introduces students to the health care delivery and financing system in the United States. Uses economic analysis to study current health policy debates including insurance, health care reform in the United States, Medicare, Medicaid, physician payment arrangements and resulting incentives, global comparative health systems, and quality of care.

Cross-listed with HLTH 20400; students cannot receive credit for both ECON 20400 and HLTH 20400. Prerequisites: ECON 12200. (S,O)

Attributes: LMEL, LSCO, SS

3 Credits

ECON 22000 Managerial Economics (LA)

The application of microeconomic theories to managerial decisions with respect to production, pricing, auction behavior, and market participation. Topics include pricing and strategy decision making in the context of auctions, perfect competition, and imperfect competition; production and cost considerations; how to influence competitor behavior; how to react to competitor behavior; understanding and applying marginal analysis (e.g., marginal cost, marginal revenue). Prerequisites: ECON 12100 and ECON 12200. Not open to students who have earned credit for FINA 30100. (S)

3 Credits

ECON 22100 Money and Banking (LA)

Descriptive and theoretical treatment of money, banking, and credit phenomena in the United States. Monetary media, monetary standards, credit instruments, commercial and central banking operations, organization and operation of the Federal Reserve System, international monetary mechanisms, monetary theory, and past and present monetary policies. Prerequisites: ECON 12100 and ECON 12200. (F,Y)

Attributes: SS
3 Credits

ECON 24000 Inequality (LA)

Introduction to the issue of inequality from an economic perspective. Topics include inequality measurement, the causes and consequences of high inequality, the socioeconomic dimensions of inequality, and potential policy solutions. The class will cover case studies from the U.S. and other high income countries, as well as developing countries. Prerequisites: ECON 12100 and ECON 12200. (IRR)

3 Credits

ECON 25000 Race and Economic Power (LA)

This course explores historical patterns and current trends of race and ethnicity based wealth gaps in the United States. Topics include slavery, immigration, residential segregation, discrimination in lending and employment, and the role of the government in perpetuating or challenging various dimensions of racial wealth inequality. Prerequisites: Any 100-level ECON course. (IRR)

Attributes: DV
3 Credits

ECON 27000 Women and Economics (LA)

Introduction to economic issues related to women's roles in household, domestic, and global economies. Topics include sex segregation on the job, the low wages of women, discrimination, the economics and policies of family care, and the industrialization of housework and child care. The class will cover case studies from the U.S., Europe, as well as developing countries. Prerequisites: ECON 12100 and ECON 12200. (IRR)

Attributes: AN3, LMEL, LSCO, SS, WGS
3 Credits

ECON 28100 Environmental Economics (LA)

Introduction to the study of environmental problems with the perspective, analytical ideas, and methodology of economics. Emphasis is placed on the analysis of environmental policy. Topics include the relationship between economic activity and environmental quality, the role of economic analysis in environmental policy decisions, economic analysis of pollution control strategies, and economic analysis of environmental policy in both the United States and the international community. Cross-listed as ENVS 28100; students cannot receive credit for ENVS 28100.

Prerequisites: ECON 12200. (S)
Attributes: AN3, H, LMEL, LSCO, SS
3 Credits

ECON 28800-28807 Selected Topics: Economics (LA)

Topics will vary. Prerequisites: ECON-12100 - ECON-12200. (IRR)
Attributes: SS
1-3 Credits

ECON 29000 Microeconomic Market Simulations (LA)

Application of microeconomic theory of firm behavior using computerized simulations. Case studies of different industries vary by semester. May be repeated for up to three credits. Prerequisites: ECON 12200. (F-S,Y)
1 Credit

ECON 30100 Labor Economics (LA)

Presents the economics of labor through concepts such as human capital or resources; factors of production; market forces; employed, unemployed, minority, majority, union, nonunion, theory, and evidence, and their relevance to public policy decisions. Prerequisites: ECON 20100. (F,Y)

Attributes: SS
3 Credits

ECON 31200 Economic Development (LA)

Examination of economic change in developing countries. An evaluation of the goals of current development policy at national and international levels. Alternative models of the development process are analyzed and evaluated on the basis of how well the models actually performed in developing countries. Discussion of the feasibility of policy options, given global and internal social and political conditions. Different regions of the world are emphasized based on class interest. Prerequisites: Any 20000-level ECON course. (IRR)

Attributes: ENSS, ESSS, INBG, SS
3 Credits

ECON 32200 Monetary Theory and Policy (LA)

Analysis of money and the monetary system in determining the level, composition, and growth of national income and the price level. Alternative theories of the supply and demand for money and the determination of interest rates. Appraisal of the impact of monetary policy on unemployment, inflation, and economic growth. Strategies of monetary policy management, including analysis of policy targets and indicators, and contemporary policy decision making. Comparison of monetary policy with other stabilization policies, including fiscal policy, incomes policies, and indexing. Prerequisites: ECON 22100 or FINA 20300. (S,Y)

Attributes: SS
3 Credits

ECON 32500 Public Finance (LA)

Study of the public sector's policy in budgeting, taxing, and spending, and an analytical assessment of the impact of fiscal policy from the point of view of macroeconomic objectives and welfare criteria. Planning programming budgeting systems. Prerequisites: ECON 20100. (S,Y)

Attributes: SS
3 Credits

ECON 33300 Econometrics I (LA)

Statistical methods, simple and multiple regression analysis, and forecasting techniques applied to economic analysis. Exposure to statistical and econometric packages. Prerequisites: ECON 12100; ECON 12200; MATH 14400 or MATH 14500, or MATH 21600 or MATH 31600. (F,Y)

Attributes: SS
3 Credits

ECON 33400 Econometrics II (LA)

Advanced topics in econometrics, including problems in regression (multicollinearity, autocorrelation, heteroscedasticity), tests of linear restrictions, dummy variables, distributed lags, and simultaneous-equation models. Exposure to econometric computer packages. Prerequisites: ECON 33300. (S,E)

Attributes: SS
3 Credits

ECON 36500 Sport Economics (LA)

Application of economic theory to the markets of professional and amateur sports. This course applies economic principles to analyze a wide range of issues within the realm of professional sports and intercollegiate athletics. Included are the analysis of labor markets and labor relations, public finance of sports facilities, and the organization of sports institutions. Students cannot also receive credit for SPMM 36500. Prerequisites: SMT 11000; ECON 12100; and ECON 12200. (F,Y)
Attributes: SS
3 Credits

ECON 36800 Globalization and Human Development (LA)

This course provides a working knowledge of contemporary issues related to globalization. The emphasis is on analysis of arguments concerning the linkages between trade and financial liberalization, economic growth, poverty alleviation, and well-being. Prerequisites: Any 20000-level ECON course. (F,Y)
Attributes: AN3, DV, G, INBG, LAEL, LAGC
3 Credits

ECON 37200 Industrial Organization Economics (LA)

Extends and refines the economic theory of the firm to which students are exposed in economics principles courses. Drawing empirical evidence primarily from U.S. industries, it examines theories concerning the motives of firms, barriers to entry, product differentiation, and interdependence among firms. It also examines U.S. antitrust policy and regulatory issues. Prerequisites: ECON 20100. (F or S,Y)
Attributes: SS
3 Credits

ECON 38200 Economics of Growth (LA)

Analysis and description of the process of economic growth. A study of the role of government policy in affecting the growth of national output and the growth of factors of production that will sustain growth of national output. Topics include determinants of saving, investment in human and nonhuman capital, measurement of productivity of resources, and description of the generalized resource known as total factor. Prerequisites: ECON 20200; MATH 10800 or MATH 11100. (F,Y)
Attributes: SS
3 Credits

ECON 38500 International Economics (LA)

Study of international trade patterns, gains from trade, and international investment, both private and government. Issues discussed include pros and cons of free trade, tariffs, bi-lateral and multi-lateral trade agreements, and the World Trade Organization. Prerequisites: ECON 20200. (S,Y)
Attributes: G, GERM, LAEL, LAGC
3 Credits

ECON 39200 Senior Economics Thesis Prep (NLA)

Prepares Economics, Applied Economics, and Math-economics majors for the required Senior Thesis course, ECON 49200. Building on experiences in previous courses the class will introduce students to research methods to assist in the writing of their capstone projects. Covers topic selection, scholarly databases, literature reviews, data collection, and citation style. Prerequisites: Junior standing; Economics, Applied Economics, and Math-Economics majors only. (S-Y)
1 Credit

ECON 41300 Economic Fluctuations and Forecasting (LA)

This course examines a variety of theories that explain the nature of economic fluctuations. The history of expansions and recessions in the United States is reviewed. Statistical techniques for forecasting the major macroeconomic variables are presented in detail. Various forecasting strategies, such as large-scale econometric models and the leading indicators, are evaluated. Prerequisites: ECON 20200; ECON 33300. (S,O)
Attributes: SS
3 Credits

ECON 49000 Internship: Economics (NLA)

Designed to offer applications of economic concepts. Business, banking, law, government, and not-for-profit agencies provide the settings. The student is expected to prepare a log of activities, an interim report, and a final report consisting of an economic analysis of the internship experience. All guidelines of the School of Humanities and Sciences must be followed. Prerequisites: Permission of instructor. (F-S,Y)
1-12 Credits

ECON 49200 Senior Thesis in Economics (LA)

Guided research, study, and writing on subjects selected by faculty-student consultation. Prerequisites: ECON 20100, ECON 20200, ECON 33300, and ECON 39200; senior standing. (F-S -Y)
Attributes: UND
3 Credits

ECON 49900 Independent Study: Economics (LA)

Program of special reading and research under supervision of the department. Offered on demand only. Prerequisites: ECON 12100-12200; senior standing; or by special permission of the department.
Attributes: UND
1-4 Credits

Education (EDUC)

EDUC 10200 Reading Foundations (LA)

Study of research and theory related to literacy development, early childhood through adolescence. Includes attention to literacy in families and communities, literate practices inside and outside of classrooms, biliteracy and literacy across cultures, psycholinguistic theories of reading, reader response, and the research on literacy methods, curricula, and texts commonly used in classrooms. (F-S, Y)
Attributes: SS
2 Credits

EDUC 19210 Child Abuse Identification and Prevention (NLA)

A two-hour workshop on child abuse identification and prevention. Offered at least once each semester. Pass-Fail only. (F-S)
0 Credit

EDUC 19220 Drug and Alcohol Abuse: Identification and Prevention (NLA)

A two-hour workshop on the identification and prevention of drug and alcohol abuse. Offered at least once each semester. Pass-Fail only. (F-S)
0 Credit

EDUC 19230 School Violence Prevention (NLA)

A two-hour workshop on school violence prevention. Offered at least once a semester. Pass-fail only. Zero credits. (F-S, Y)
0 Credit

EDUC 19240 Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention (NLA)

A six-hour workshop on harassment, bullying, cyberbullying, and discrimination prevention and intervention. Offered at least once per semester. Pass-Fail only. (F-S)
0 Credit

EDUC 20000 Education and Society (LA)

Open elective for students interested in exploring educational issues and the interaction between schools and society. Includes study of the history and philosophy of U.S. education, educational systems in other countries, and research and opinion concerning contemporary educational policy and practice. Students use course materials as a lens for reflecting on their own school experience and for developing informed positions about how to improve U.S. schools. (F-S)

Attributes: 1, AN3, H, SS

3 Credits

EDUC 20100 Technology for the Middle/Secondary School Teacher (NLA)

Introduction to the concepts and skills necessary for applying/using information technology in educational settings. Topics include basic computer/technology operations and concepts, terminology, modes of access, manipulation of data, installation and use of software, basic troubleshooting, use of a variety of peripheral devices, social and ethical issues, and the pedagogical use of various technologies. Projects require integrating and applying concepts and skills developed in the course to students' fields in the teaching profession. Prerequisites: Sophomore standing and open only to students in teacher education programs and speech-language pathology. (F,Y)

2 Credits

EDUC 20200 Literacy Across the Disciplines for Middle and Secondary Education (NLA)

Offers prospective middle- and secondary- level teachers with understandings and analysis of teaching methods used to facilitate content-specific literacy. Helps students recognize and identify the nuances of a discipline by using literacy strategies that make thinking visible. Topics include how to foster disciplinary literacy, Common Core State Standards for literacy in the subject areas, media literacy, sociocultural literacy, and recognizing and planning for culturally and linguistically diverse classrooms. Required 15 hour field experience.

Prerequisites: EDUC 10200. (F,S,Y)

2 Credits

EDUC 21010 Educational Psychology (LA)

Study of human development from infancy through adolescence, including cognitive and behavioral approaches to learning in the context of school and other instructional situations. Attention given to the empirical (scientific) attitude in relating theory and practice in various educational settings. Prerequisites: Sophomore standing. (F-S,Y)

Attributes: 1, SS, TE

3 Credits

EDUC 21800 Introduction to Pedagogy and Practice (NLA)

Theory and practice in teaching across the disciplines in secondary schools. Emphasis on instructional planning, models and processes of teaching, classroom management, and the assessment of student learning. Introduction to structured observation and reflective practice. Prerequisite: Sophomore standing and enrollment in an H&S teaching option major or the Education Studies Minor. (F,Y)

3 Credits

EDUC 21910 Early Field Experience: Theory and Practice (LA)

Introduces students to public and/or private education system in an extended field experience; each student completes 50 hours of fieldwork in an educational setting. This is a coordinated offering of Ithaca College and the area schools. Prerequisites: EDUC 19210, EDUC 21010, sophomore standing; open only to H&S teaching option majors and Speech-Language Pathology and Audiology majors. (F-S,Y)

Attributes: TE, UND

3 Credits

EDUC 22000 Issues in Elementary Education (LA)

Investigates contemporary issues in elementary education, including historical development of elementary classroom practice (emphasis on reading instruction); philosophical and psychological theories of learning; women's role in elementary school teaching; children's literature and storytelling in child development; impact of societal problems on children and families; media literacy initiatives in elementary schools; assessment practices; conflict resolution; family involvement in children's schooling; multicultural understandings; calls for, and examples of, school reform.

Prerequisites: Sophomore standing or above. (F-S,Y)

Attributes: SS

3 Credits

EDUC 22500 Cultural & Linguistic Diversity in K-12 Schools (LA)

This course guides students in developing a knowledge base about culturally and linguistically diverse students in K-12 schools in the United States. Examines major theories related to educating immigrant students as well as a culturally and linguistically diverse student population and engages students in critical analysis of education policy and practice at the institutional level. Prerequisites: Sophomore standing. (Y)

Attributes: AN3, DV, HM, SO, TIDE, TPJ

3 Credits

EDUC 22900 Second Language Acquisition: Its Nature and Meaning for Educators (LA)

A comparison of first- and subsequent-language learning as it affects the school-age population. The sociocultural nature of language and language acquisition is addressed, as well as specific needs in the multicultural classroom. The multifaceted fundamentals surrounding the nonnative speaker and second-language learning are provided to prepare the student to understand the paradigm shifts that have resulted from demographic changes in this country. This course requires 16-20 hours of field experience and/or observation. Prerequisites: Sophomore standing. (S,Y)

Attributes: SS, TE

2 Credits

EDUC 23900 Educating Students with Special Needs in Diverse Classrooms (LA)

Introduces future educators to special populations of children encountered in diverse mainstream classrooms. Considers the characteristics of various special populations, including orthopedic impairments, mental retardation, autism, hearing and vision impairment, traumatic brain injury, ADHD, and learning disabilities. Reviews federal mandates, legal issues, family issues, school personnel collaboration, and education methodologies. This course requires 15 hours of field. Open only to teacher education students in the School of Humanities and Sciences and the School of Music. Prerequisites: Sophomore standing. (F-S,Y)

Attributes: TE, UND

3 Credits

EDUC 29000-29010 Special Topics in Education (LA)

Investigation of selected topics in the field of education as determined by specialized faculty research, teaching interests, and trends. Prerequisites: Sophomore standing. (IRR)

Attributes: UND

3 Credits

EDUC 29900 Research Project in Education (LA)

Individual or research team study, under the supervision of a faculty member, to explore issues in education. Written proposal to the Chair of the Education Department and the faculty supervisor, describing the terms of the research project, is required. This course may be repeated for a total of Prerequisites: Sophomore standing and permission of instructor. (F-S)

Attributes: UND, WGS

1-3 Credits

EDUC 34000 Social and Cultural Foundations of Education (LA)

Required for all students in teacher certification programs, but open to other students as well. Combines historical, philosophical, sociological, and anthropological perspectives to investigate contemporary social and cultural issues in education and teaching. Provides preparation for critically reflective decision making and for working effectively with diverse students and communities. Topics include equal educational opportunity; the financing of U.S. schools; tracking/ability grouping; the sociocultural dynamics of teaching and learning; multicultural education; social class issues; gender bias and equity; the experiences of African American, Latino, Asian American, and linguistic minority students in U.S. schools; educating students with disabilities; the role of religion in U.S. schools; issues of sexuality; working with families and communities; developing schools as caring learning communities; effective uses of technology; and recent proposals for school reform. Prerequisites: Sophomore standing. (F,S)

Attributes: 1, AN3, CNSL, DV, H, LAEL, SS, TE

3 Credits

EDUC 34100 Science, Technology, and Society (LA)

Examines the relationship between scientific knowledge, technological innovations and systems, and society by examining the history of technology and science, the social contexts in which science and technology occur, the organizations of people and things that make up science and technology systems, and the social and cultural consequences of scientific and technological change. Intended for teacher education students in the School of Humanities and Sciences.

Prerequisites: Junior standing. (IRR)

Attributes: NS

1 Credit

EDUC 36000 Education for Social Change (LA)

Examination of schools and teaching as forces for constructive social change, investigating how educators can create learning experiences in schools, classrooms, youth programs, and communities that will contribute to the school success of all youth and the development of a more equitable and just society. Particular attention paid to democratic approaches to teaching and learning; multicultural education; critical reflection; experiential learning; youth activism; community-based education; and innovative uses of technology. Class discussion and weekly volunteer projects. Prerequisites: Sophomore standing or above; EDUC 21010, EDUC 34000. (IRR)

3 Credits

EDUC 37000 Culture and Community in Education and Teaching (LA)

A sociocultural analysis of schools, teaching, and learning for the purpose of creating more effective educational experiences for culturally diverse learners. Students learn to incorporate knowledge about race, ethnicity, social class, gender, and other important aspects of culture into the design of schools and educational programs and lessons. Particular attention is given to cultural information about African American, Latino, and Asian American youth and families. All students in the course work a minimum of three hours a week with youth in a community program or school and develop projects specific to their interests and community placements. Prerequisites: either EDUC 34000, or two courses from among the following: EDUC 20000, EDUC 22000, EDUC 36000, EDUC 21010, SOCI 11600, SOCI 20700, SOCI 32500, ANTH 10400, and ANTH 31000 and junior standing; or permission of instructor (interested juniors and seniors who do not have the prerequisites are encouraged to contact the professor).

Attributes: 1, AN3, CNSL, SS, WGS, WGS3

3 Credits

EDUC 40510 Pedagogy and Practice for the Mathematics Teacher

Examination of current research and practice in the effective teaching of mathematics at the middle and high school levels. Focus on national and state standards in mathematics, instructional planning and differentiation, appropriate uses of technology, approaches to assessment, and the integration of literacy into the mathematics curriculum. Introduction to professional organizations, journals, and research. Twenty-hour field experience required. Prerequisites: Senior standing; open only to math with teaching option majors. (F,Y)

Attributes: TE

3 Credits

EDUC 40800 Professional Development Seminar (NLA)

Seminar in the development of a personal philosophy of education and the preparation of a professional portfolio. Analysis of fall semester field-based experiences and professional program advising. Prerequisite: Senior standing. Pass-Fail only. (F, Y)

0 Credit

EDUC 40910 Pedagogy and Practice in the Teaching of Social Studies (NLA)

Examination of current research and practice in the effective teaching of social studies at the middle and high school levels. Focus on national and state standards in social studies, mastery of theoretical concepts and their application in the classroom, instructional planning and differentiation, appropriate uses of technology, approaches to assessment, and the integration of literacy in the social studies curriculum. Introduction to professional organizations, journals, and resources. Twenty-hour field experience required. Prerequisites: Senior standing; open only to social studies with teaching option majors. (F,Y)

Attributes: TE, UND

3 Credits

EDUC 41010 Pedagogy and Practice for the Science Teacher (NLA)

Examination of current research and practice in the effective teaching of science at the middle and high school levels. Focus on national and state standards in science, instructional planning and differentiation, appropriate uses of technology, approaches to assessment, laboratory organization and safety, and the integration of literacy in the science curriculum. Twenty-hour field experience required. Prerequisites: Senior standing; open only to biology with teaching option, chemistry with teaching option, or physics with teaching option majors. (F,Y)

Attributes: TE, UND

3 Credits

EDUC 41110 Pedagogy and Practice for the English Teacher (NLA)

Examination of current research and practice in the effective teaching of English at the middle and high school levels. Focus on national and state standards in English language arts, instructional planning and differentiation, appropriate use of technology, approaches to assessment, and support for students' literacy development. Introduction to professional organizations, journals and resources. Twenty-hour field experience required. Prerequisites: Senior standing; open only to English with teaching option majors. (F,Y)

Attributes: TE, UND

3 Credits

EDUC 41210 Seminar in Reflective Practice (LA)

Taken concurrently with EDUC 49810. Serves as the reflective component of student teaching, where students will analyze their teaching and identify how to use community-based assets to enhance their students' learning. Students develop culminating projects that require reflection and that demonstrate professional knowledge, skills, and dispositions required by the program and state. Prepares student teachers for the professional job search and offers preparation for future professional growth. Corequisites: EDUC 49810. (S,Y)

Attributes: TE

3 Credits

EDUC 41300 Selected Topics in the Foundations of Modern Education (LA)

Seminar course. Specialized inquiries in sociology of education, philosophy of education, or history of education. (IRR)

Attributes: HU, SS

3 Credits

EDUC 41310 Pedagogy and Practice of Teaching Languages Other Than English (NLA)

Examination of current research and practice in the effective teaching of languages other than English at the middle and high school levels. Focuses on national and state standards in the teaching of modern languages, instructional planning and differentiation, appropriate uses of technology, approaches to assessment, and issues related to second language development and literacy development. Introduction to professional organizations, journals and resources. Twenty-hour field experience required. Prerequisites: Senior standing; open only to German with teaching option, French with teaching option, and Spanish with teaching option majors. (F,Y)

Attributes: TE, UND

3 Credits

EDUC 41410 Pedagogy and Practice for the Art Teacher (NLA)

Examines the teaching of visual art to students at the elementary, middle, and secondary levels. This course will provide grounding in the history of art education in the United States, current theory and practice teaching art, and artistic development in children and adolescents. Emphasis is placed on the New York State standards in the visual arts for development of art lessons that contain relevant objectives, motivation, methodology, and evaluation techniques. Various art materials, techniques, and processes suitable for k-12 levels will be examined. Additional topics are incorporating art history, aesthetics, and art criticism in the curriculum; health and safety issues of art materials; art room organization; selecting and ordering supplies; and fostering professionalism. This course also provides practice in developing teaching skills through presentation of lesson plans in various media at the elementary, middle, and secondary levels. Twenty hours of observation and fieldwork in local public schools are required. Prerequisites: Senior standing; open only to art education majors (F,Y)

4 Credits

EDUC 49600 Senior Seminar in Education Studies (LA)

Synthesizes key understandings from across the Education Studies Curriculum by engaging students in reflection on their program. Students complete a culminating project that represents their development across the minor, the themes across their coursework, and key understandings related to sociocultural issues in education, engagement with communities, and education in the service of social justice. (Y)

1 Credit

EDUC 49700 Fieldwork in Education (NLA)

Directed fieldwork under a teacher education program faculty member's supervision, culminating in a major paper or comparable product. Written proposal to the teacher education program, describing the terms of the particular project, is required. Open only to juniors and seniors who have completed one or more courses at level 3 or 4 in education. Prerequisites: Permission of instructor. Variable credit. (F-S)

1-9 Credits

EDUC 49810 Professional Semester in Education (NLA)

Taken concurrently with EDUC 41210. A full semester of observation and supervised teaching at both the middle and high school levels. Additional coursework requires permission of department chair and coordinator of teacher education. Corequisites: EDUC 41210. (F-S,Y)

Attributes: TE, UND

12 Credits

EDUC 49900 Independent Study in Education (LA)

Study with a faculty member of specific problems in education. Written proposal to the coordinator of the teacher education program, describing the terms of the particular project, is required. May be repeated up to six credits. Prerequisites: Permission of instructor. (IRR)

0.5-4 Credits

Emerging Media (EMED)

EMED 12000 Introduction to Emerging Media (LA)

Introduction to emerging media and related issues, both social and technical. Focus on the history and current state of emerging media using relevant theories, areas of practice, applications, and media literacy. Discussion, research, writing, and group collaborative work focused on challenges and opportunities in the field of emerging media. (F,Y)

Attributes: SCE

4 Credits

EMED 21400 Design of New Media: Theory, Function and Analysis (LA)

Fundamental principles of design, function, and usability of new media technology, including games, mobile applications, web-based media, and other digital media platforms. Assessment of examples of new media designs for strengths, limitations, and usability; exploration of rules, techniques, and problem-solving strategies that go into the creation of new media applications and platforms. Open to majors in emerging media. Prerequisites: EMED 12000. (Y)

4 Credits

EMED 31300 Topics in Media Law and Policy (LA)

Overview of First Amendment theory, legal precedent, copyright, libel, and privacy as applied to existing and emerging digital media, followed by an in-depth investigation of specific new media law and policy issues determined by faculty expertise and student interest. Prerequisites: EMED 12000, TVR 12100, or TVR 12400; Emerging Media majors; junior standing. (IRR)

4 Credits

EMED 31400 Emerging Media Research Methods and Critical Inquiry (LA)

This course covers both quantitative and qualitative research methods in fields related to communication and information technologies, including sampling, survey, experiment, systematic content analysis, in-depth interviews, focus groups, and qualitative content analysis. Review of literature, identification of basic concepts, problems, responsibilities, and research ethics; procedures and basic techniques of open source computational data analysis; hypothesis testing and statistical interpretation and analysis; and critical inquiry. A research project is required. Prerequisites: COMP 20200, EMED 21400 and Major in Emerging Media. (Y)

4 Credits

EMED 32000 Utopias and Dystopias of Emerging Media (LA)

Analysis of theoretical, social, economic, political, technological, and cultural perspectives that impact and are impacted by new and emerging media technologies. Theoretical framework or technological focus defined by contemporary issues and student interest. Prerequisites: WRTG 10600 or ICSM 108xx or ICSM 118xx; EMED 12000 or TVR 12400. (Y)

Attributes: SCE

4 Credits

EMED 38500 Emerging Media Junior Project (NLA)

Hands-on introduction to project design, development, implementation, and testing, with emphasis on the knowledge and skills required to successfully complete the production cycle, including team dynamics, market analysis, project management, documentation, and testing. Students work in teams on projects assigned by the instructor.

Prerequisites: TVR 21400; Junior Standing; Emerging Media Majors. (S)

4 Credits

EMED 48500 Emerging Media Capstone (NLA)

Working as part of a team, the students design, develop, and document a significant emerging digital media project. Prerequisites: EMED 38500; Emerging Media Majors. (S)

4 Credits

English (ENGL)

ENGL 10500 Introduction to American Literature (LA)

Study of literary modes, such as fiction, poetry, essays, and drama, in which American writers have expressed ideals of individual conduct and social relationships or have appraised and challenged the practices of society. Emphasis is placed on class participation. (F-S,Y)

Attributes: 3A, HU

3 Credits

ENGL 10700 Introduction to Literature (LA)

Works of English, American, or European literature from early or recent times are considered in relation to one or more recurrent themes.

Emphasis is placed on class participation. (F,S,Y)

Attributes: 3A, HM, HU, TIDE, TIII

3 Credits

ENGL 10900 Introduction to Drama (LA)

Critical discussion of drama, covering a broad range of forms and techniques, with an emphasis placed on class participation. Recommended for beginning English majors. Also offered through the London Center. (F,S,Y)

Attributes: 3A, CA, HM, HU, TIDE, TMBS

3 Credits

ENGL 11000 Introduction to Fiction (LA)

Critical discussion of fiction, covering a broad range of forms and techniques. Emphasis is placed on class participation. Recommended for beginning English majors. Also offered through the London Center. (F-S,Y)

Attributes: 3A, HU

3 Credits

ENGL 11200 Introduction to the Short Story (LA)

Critical discussion of short stories, covering a broad range of forms and techniques, with an emphasis placed on class participation. (F,S,Y)

Attributes: 3A, CA, HM, HU, TIDE, TIII

3 Credits

ENGL 11300 Introduction to Poetry (LA)

Critical discussion of poetry, covering a broad range of forms and techniques, with an emphasis placed on class participation. Recommended for beginning English majors. (F,S,Y)

Attributes: 3A, CA, HM, HU, TIDE, TIII

3 Credits

ENGL 18100 Novel Identities, Fictional Selves (LA)

Introductory study of the novel and the ways in which it both traces and shapes the development of modern and post-modern selfhood. Authors to be studied include Hemingway, Woolf, Morrison, Smith, and others. (Y)

Attributes: HM, TIDE

3 Credits

ENGL 18200 The Power of Injustice and the Injustice of Power (LA)

Introductory study of representations of injustice in 19th, 20th, and 21st century poetry, drama, and fiction. Authors to be studied include Ellison, Morrison, Paton, Shange, Mansbach, and others. (Y)

Attributes: DV, HM, TIDE, TPJ, WGS, WGSC

3 Credits

ENGL 18300 Engendering Modernity (LA)

Introductory study of representations of gender and gendered identity in modernist novels and poetry. Authors to be studied include Chopin, Woolf, Larsen, Rhys, Walker, Rich, Monica Ali, and others. (Y)

Attributes: DV, HM, TIDE, WGS

3 Credits

ENGL 18400 Faking It: Reality Hunger in the Age of Artifice (LA)

Introductory study of literary treatments of forgeries and fakes. Attention devoted specifically to the ways in which forgery illustrates aspects of the relationship between aesthetics and ethics. Authors to be studied include Borges, Bolano, Wilkomirski, Ishiguro, and others. (Y)

Attributes: HM, TWOS

3 Credits

ENGL 18500 Earth Works: Literature and the Environment (LA)

Introductory study of representation in 19th and 20th century literature of the environment and of human attitudes toward use and conservation. Authors to be studied include Thoreau, Whitman, Muir, Carson, Dreiser, and others. (Y)

Attributes: HM, TMBS, TQSF

3 Credits

ENGL 18600 Fantasy and Fairy Tales (LA)

Introductory study of the development of the literature of fantasy in the 20th century, with special attention paid to the fairy tale as a contributing or originary form. Authors to be studied include the Grimms, L'Engle, LeGuin, Gaiman and Pratchett, Rowling, and others. (Y)

Attributes: HM, TIDE, TMBS, WGS, WGSC

3 Credits

ENGL 20007 Honors Intermediate Seminar (LA)

Attributes: 3A, 3B, H, HN, HU

3 Credits

ENGL 20100 Approaches to Literary Study (LA)

An examination of the discipline of literary studies. Explores issues that concern literary critics as they read and write about works of literature, including the historical development of literary studies, canonicity, the conventions of literary-critical discourse, and the assumptions and interpretive consequences of different theoretical and critical approaches to literature. Designed to develop skills for reading both primary and secondary texts. Intended for English majors; open to nonmajors on a space-available basis. Prerequisites: One course in English; WRTG10600 or ICSM108XX or ICSM118XX. (S,Y)

Attributes: 3A, HU, WI

3 Credits

ENGL 21000 The Literature of Horror (LA)

Survey of horror literature from its commercial origins in the 18th century through contemporary writers. Writers whose works are examined include Edgar Allan Poe, Henry James, Franz Kafka, Bram Stoker, and H. P. Lovecraft. Prerequisites: One course in literature. (S,Y)

Attributes: HU

3 Credits

ENGL 21100 Jewish-American Writers (LA)

Study of dramas, short stories, and novels of Jewish-American writers who have gained prominence since the 1950s, such as Miller, Malamud, Mailer, Singer, Roth, and Bellow. Prerequisites: One course in the humanities or social sciences, or sophomore standing. (F,S,Y)

Attributes: 3A, DV, HU

3 Credits

ENGL 21400 Survey of Science Fiction (LA)

Survey of fantasy and science fiction from Beowulf to cyberpunk.

Prerequisites: One course in the humanities or social sciences, or sophomore standing. (IRR)

Attributes: 3A, HU

3 Credits

ENGL 21500 Contemporary Topics in Science Fiction (LA)

Courses offered under this number will focus on varying topics within the genre of science fiction. Prerequisite: one course in the humanities or social sciences, or sophomore standing. (IRR)

Attributes: 3A, HM, HU, TIDE, TPJ

3 Credits

ENGL 21600 Contemporary British Fiction (LA)

Deals with works of British fiction since World War II for their literary value and for their portrayal of British society during the last five decades.

Prerequisites: One course in the humanities or social sciences, or sophomore standing. (F,S,Y)

Attributes: 3A, H, HM, HU, TIDE, TIII

3 Credits

ENGL 21800 Modern and Contemporary American Drama (LA)

Study of the leading American dramatists of the 20th and 21st centuries, such as O'Neill, Behrman, Odets, Sherwood Anderson, Wilder, Hellman, Miller, Williams, Inge, Albee, and Eliot. Prerequisites: Sophomore standing; WRTG10600 or ICSM108XX or ICSM118XX. (F or S,Y)

Attributes: 3A, HU, WI

3 Credits

ENGL 21900 Shakespeare (LA)

Study of six to eight Shakespeare plays as examples both of the way dramatic literature works and of the achievement of the greatest of English writers. Since plays vary each semester, course may be repeated once for credit. Prerequisites: One course in the humanities or social sciences, or sophomore standing. Also offered through the London Center. (F,S,Y)

Attributes: 3A, CSA, H, HM, HU, TIDE, TIII

3 Credits

ENGL 22000 Black Women Writers (LA)

Study of black women writers such as Hurston, Angelou, Morrison, and Walker. Prerequisites: One three-credit Liberal Arts course. (F,S,Y)

Attributes: 3A, ADCH, ADSE, DV, HU, RPPE, WGSJ

3 Credits

ENGL 22100 Survey of African American Literature (LA)

A study of African American literature from the slave narrative to the present. Writers whose works are examined include Frederick Douglass, W. E. B. DuBois, Zora Neale Hurston, Richard Wright, and Toni Morrison.

Prerequisites: One three-credit Liberal Arts course. (F,S,Y)

Attributes: 3A, ADCH, ADSE, DV, H, HU, RPPE, WGS, WGSJ

3 Credits

ENGL 23100 Ancient Literature (LA)

Works that have dominated the Western imagination and set standards for art and life for nearly 3,000 years: the epics of Homer and Virgil, the plays of Aeschylus, Sophocles, Euripides, and Aristophanes, and selections from the Bible. Prerequisites: One course in the humanities or social sciences, or sophomore standing. (F or S,Y)

Attributes: 3A, CSA, G, H, HU

3 Credits

ENGL 23200 Medieval Literature (LA)

Readings are drawn from the northern European epic, medieval romances, and medieval drama. Also Dante, "The Divine Comedy"; Chaucer, "Troilus and Criseyde" and "The Canterbury Tales." Prerequisites: One course in the humanities or social sciences, or sophomore standing; WRTG10600 or ICSM10800-10899 or ICSM11800-11899. (F-S,Y)

Attributes: 3A, CSA, H, HU, WI

3 Credits

ENGL 25000 Translation: The Art of Disguise (LA)

Examines the role of translation within the broader context of comparative literature. Drawing from representative texts spanning across centuries, students will discuss concepts of interpretation, faithfulness, loss and gain, negotiation, colonization, cannibalization and ethics. Explores the figure of the translator, both in theoretical and literary works, and approaches the field of translation from the perspective of practicing translators and translated authors. Basic reading proficiency in a language other than English is necessary. Cross-listed with LNGS 25000. Prerequisites: WRTG 10600 or ICSM 108xx or ICSM 118xx and Sophomore standing. (IRR)

Attributes: 1, 3A, G, HM, HU, TIII, TWOS, WI

3 Credits

ENGL 27100 Renaissance Literature (LA)

The continental backgrounds: Renaissance writers in Italy, France, and Spain. Major trends in English literature from the early 16th century through Milton, with an emphasis on Elizabethan and Jacobean drama. Prerequisites: One course in the humanities or social sciences, or sophomore standing. (F-S,Y)

Attributes: 3A, CSA, H, HU, WI

3 Credits

ENGL 27200 The Enlightenment (1660-1770) (LA)

The neoclassical drama of France and England: Molière, Restoration comedy. Also Voltaire, major works of Dryden, Pope, Swift, and Johnson. The rise of the novel: Defoe, Fielding, Smollett, and Richardson. Prerequisites: One course in the humanities or social sciences, or sophomore standing. (F-S,Y)

Attributes: HU

3 Credits

ENGL 28100 Romantic-Victorian Literature (LA)

Romanticism in France and Germany; English romantic and Victorian poetry. The movement toward realism, especially in the French and English novel. Prerequisites: One course in the humanities or social sciences, or sophomore standing; WRTG10600 or ICSM10800-10899 or ICSM11800-11899. (F or S,Y)

Attributes: 3A, GERM, HU, WI

3 Credits

ENGL 29900 Independent Study: English (LA)

Reading and writing focused on an individual project arranged by a student with a particular faculty member. Offered on demand only. A maximum of three credits may be counted toward requirements for the English major or minor. Prerequisites: One literature course and sophomore standing. (IRR)

Attributes: HU

1-3 Credits

ENGL 31100 Dramatic Literature I (LA)

Studies in dramatic literature prior to Ibsen. Prerequisites: Three liberal arts courses in ENGL or THEA; WRTG 10600 or ICSM 10800 or ICSM 11800. (F,Y)

Attributes: 3A, CSA, H, HU, WI

3 Credits

ENGL 31200 Dramatic Literature II (LA)

Studies in modern drama. Prerequisites: Three liberal arts courses in ENGL or THEA; WRTG 10600 or ICSM 10800 or ICSM 11800. (S,Y)

Attributes: 3A, G, HU, WGS, WI

3 Credits

ENGL 31800 Short Story (LA)

Survey of 19th- and 20th-century short stories, British and American, by Poe, Hawthorne, Crane, Joyce, Hemingway, Lawrence, Bowen, Nabokov, Updike, Malamud, and others. History and development of the short story. Prerequisites: nine credits of English. (IRR)

Attributes: HU

3 Credits

ENGL 31900 Great American Writers before 1890 (LA)

Puritan writers, Benjamin Franklin; romantic writers such as Poe, Hawthorne, Emerson, Thoreau, Melville, Twain, Whitman, and James.

Lecture and discussion. Prerequisites: nine credits of English; WRTG10600 or ICSM10800-10899 or ICSM11800-11899. (F or S,Y)

Attributes: HU, WI

3 Credits

ENGL 32000 Great American Writers after 1890 (LA)

Stephen Crane, Dreiser, and the naturalist movement. Later writers such as Sherwood Anderson, Fitzgerald, Hemingway, Faulkner, and Ellison.

Poets such as Robinson, Frost, Eliot, and Stevens. Prerequisites: nine credits of English. (F or S,Y)

Attributes: HU

3 Credits

ENGL 32300 Biblical Interpretation in Judaism and Christianity (LA)

Examines the theological and literary dimensions of reading the Bible in the Jewish and Christian traditions. Focuses on the comparative study of Jewish and Christian methodologies for interpreting the Bible. Prerequisites: Three courses in the humanities, at least one of which is in English, Jewish studies, or religious studies.

Attributes: HU

3 Credits

ENGL 32400 Literature of the Bible (LA)

A study of major narratives and poetry from the Bible, together with their influence on subsequent literature. Emphasis is placed on literary strategies and historical knowledge that enable critical understanding.

Prerequisites: Three courses in the humanities. (S,E)

Attributes: HU, WI

3 Credits

ENGL 32500 Studies in Medieval English Literature (LA)

Topics vary. Prerequisites: nine credits of English. This course may be repeated once for credit when topics vary for a total of six credits. (F or S,Y)

Attributes: GERM, HU

3 Credits

ENGL 33100 Studies in the English Renaissance (LA)

Topics vary. Prerequisites: nine credits of English. This course may be repeated once for credit when topics vary for a total of six credits. (F or S,Y)

Attributes: HU

3 Credits

ENGL 34100 Studies in the Enlightenment (1660-1770) (LA)

Topics vary. Prerequisites: nine credits of English. This course may be repeated once for credit when topics vary for a total of six credits. (F or S,Y)

Attributes: HU

3 Credits

ENGL 35000 Imagining Herself: Women's Autobiography (LA)

Examination of the way women have employed autobiography as a form of self-expression and gender definition. Consideration of the way autobiographies differ from other forms of personal expression and how they can be analyzed as literary texts. Authors may include Beryl Markham, Zora Neale Hurston, Audre Lorde, Annie Dillard, Dorothy Allison, Maxine Hong Kingston, Nancy Mairs, May Sarton, and Temple Grandin. Prerequisites: Three courses in the humanities, one of which is an English course; sophomore standing. (F,S,Y)

Attributes: DV, HU

3 Credits

ENGL 35100 Studies in Young Adult and Children's Literature (LA)

Courses offered under this number will focus on varying topics within the genre of young adult and/or children's literature. These courses may cohere around a particular theme; they may bring together literature from different genres and various periods; and they may be interdisciplinary in nature. This course may be repeated once for credit when topics vary for a total of Prerequisites: Three three-credit Liberal Arts courses. (Y)

Attributes: HU, WGS, WGS3, WGSC

3 Credits

ENGL 35200 Studies in 19th-Century English Literature (LA)

Topics vary. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: nine credits of English. (F or S,Y)

Attributes: HU

3 Credits

ENGL 35600 Religion and Literature (LA)

This course explores the ways in which religious ideas and practices appear in contemporary novels associated with various cultures and religious traditions. We consider how authors utilize religious themes to negotiate challenges and questions posed by modernity, as well as how they engage questions of religious identity through the medium of modern literary forms. We read these works against the background of contemporary changes in the relationship between the religious and the secular. Cross-listed with RLST 35600; students may not receive credit for both. Prerequisites: One course in RLST or ENGL; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (IRR)

Attributes: WI

3 Credits

ENGL 36300 Irish Literature (LA)

A study of the sudden flowering of Irish literature between 1885 and 1939 and its influence on the political and social history of the time. Readings from Yeats, Joyce, Synge, and O'Casey, as well as lesser-known figures of the period. Prerequisites: nine credits of English. Also offered through the London Center. (IRR)

Attributes: HU

3 Credits

ENGL 36500 Studies in the Novel (LA)

Studies in the novel, with topics varying from semester to semester. Concentration may be on a theme, a period, a type, etc. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: nine credits of English. (F or S,Y)

Attributes: HU, RPPE

3 Credits

ENGL 36600 Studies in Poetry (LA)

Studies in lyric, narrative, and/or epic poetry, with topics varying from semester to semester. Concentration may be on a theme, a period, a type, etc. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: nine credits of English. (F-S,Y)

Attributes: HU

3 Credits

ENGL 36700 Studies in Drama (LA)

Studies in textual and performance aspects of drama, with topics varying from semester to semester. Concentration may be on a theme, a period, a type, etc. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: nine credits of English. (F-S,Y)

Attributes: HU, WGS, WGS3

3 Credits

ENGL 36800 Dangerous Women in Dramatic Literature (LA)

Advanced study of women characters in dramatic texts who challenge or threaten dominant cultural assumptions about the nature of femininity, from ancient Greece to the present day. May include studies of such authors as Aeschylus, Shakespeare, Ford, Behn, Ibsen, Williams, Churchill, Smith. Prerequisites: WRTG 10600 or ICSM 10800 or ICSM 11800; one additional course in ENGL or WRTG. (IRR)

Attributes: WGS, WGS3, WGSC, WI

3 Credits

ENGL 36900 Studies in Multicultural American Literature (LA)

Studies in diverse voices in American literature, including African American, Jewish American, Native American, Hispanic American, and Asian-American writers. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Nine credits of English. (F,S)

Attributes: AASE, ADSE, DV, HU, LXME, NASE, RPPE, WGS, WGS3, WGS4

3 Credits

ENGL 37000 American Poetry (LA)

A survey of the main currents of American poetry from the middle of the 19th century to the present. Beginning with the poetry of Walt Whitman and Emily Dickinson, the course establishes the dialectic poles of attraction for American writing, concentrating on such major 20th-century poets as Robert Frost, Wallace Stevens, T. S. Eliot, William Carlos Williams, Theodore Roethke, Robert Lowell, and James Wright. Prerequisites: Nine credits of English. It is recommended that students take either ENGL 11300 Introduction to Poetry or ENGL 10500 Introduction to American Literature prior to this course. (IRR)

Attributes: HU

3 Credits

ENGL 37100-37103 Studies in African American Literature (LA)

Studies in selected topics involving African American literature, literary movements, and traditions. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Nine credits in English. (F,S,Y)

Attributes: ADCH, ADSE, HU

3 Credits

ENGL 37200 Studies in American Literature (LA)

Studies in different selected figures in American literature each semester. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Nine credits of English. Since content varies each semester, course may be repeated once for credit. Also offered through the London Center. (F-S)

Attributes: HU

3 Credits

ENGL 37300 Renaissance Drama (LA)

Study of the English drama after Shakespeare. Visits to museums and sites in London for the background of the Jacobean and early Caroline periods. Readings from Beaumont, Fletcher, Ford, Jonson, Middleton, and Webster. Prerequisites: ENGL 21900 or ENGL 27100. Also offered through the London Center (S,Y).

Attributes: 3A, CSA, H, HU

3 Credits

ENGL 37700 Nineteenth-Century British Novel (LA)

The writings of Jane Austen, Charles Dickens, George Eliot, Henry James, and Thomas Hardy in their historical and cultural context. Critical approaches to the study of the novel. Prerequisites: Nine credits of English. Also offered through the London Center. (F or S,Y)

Attributes: HU

3 Credits

ENGL 37800 Twentieth-Century British Novel (LA)

The development of the British novel from the end of the 19th century. A comparison of theme, style, and structure within the historical and cultural context. Authors such as James Joyce, D. H. Lawrence, E. M. Forster, Graham Greene, and William Golding. Prerequisites: Nine credits of English. Also offered through the London Center. (F or S,Y)

Attributes: HU

3 Credits

ENGL 38000-38003 Studies in World Literature (LA)

Studies in world literature, with a focus on literatures and cultures outside of the United States and Great Britain. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Nine credits of English. (F or S, Y)

Attributes: HU

3 Credits

ENGL 38200-38203 Studies in Modern Literature (LA)

Studies in 20th-century European literature, mostly British and Irish. Concentration may be on a theme, a genre, a particular author or group of authors, etc. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Nine credits of English. (IRR)
Attributes: HU
3 Credits

ENGL 38400 Modern British Women Writers (LA)

This course will explore a wide range of fiction, drama, and poetry written by 20th-century women, with close attention not only to the historical conditions out of which these texts arose and how female writers speak to (and about) one another, but also to how style, form, and genre bear on the representation of marriage, sexuality, religion, parenthood, authority, and the expression of identity. Authors vary, but may include Mansfield, Woolf, Spark, Sayers, Churchill, Stevie Smith, Eavan Boland. Prerequisites: Nine credits of English. (Y)
Attributes: HU
3 Credits

ENGL 38600-38603 Studies in Indian Literature (LA)

Studies in Indian literature, with topics varying from semester to semester. Concentration may be on a particular author, a group of authors, a theme, a style, etc. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Nine credits of English. (Y)
Attributes: HU
3 Credits

ENGL 38700 Teaching Literature in Middle School and High School (LA)

Designed for potential middle school and high school teachers of English. Study of various works of literature frequently taught in middle school and high school, with an emphasis on presentation to younger students. Prerequisites: Nine credits of English. (IRR)
Attributes: HU
3 Credits

ENGL 39000 Selected Topics in Literature (LA)

Courses offered under this number will focus on varying topics within the discipline of literary studies. These courses may cohere around a particular theme; they may bring together literature from various periods; and they may be interdisciplinary in nature. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Nine credits in English. (IRR)
Attributes: HU
3 Credits

ENGL 40000 Capstone in English (LA)

Reflection on the experience of a liberal arts education; exploration of the relationship between the ICC and the English major; discussion of professional opportunities for English majors. (F,S,Y)
Attributes: CP
1 Credit

ENGL 41000 Seminar in Medieval English Literature (LA)

Open to upper-class English majors and to other upper-class students with permission of instructor. Prerequisites: ENGL 23200; permission of instructor. (F or S,Y)
Attributes: HU
3 Credits

ENGL 42000 Seminar in Shakespeare (LA)

Open to upper-class English majors and to other upper-class students with permission of instructor. Prerequisites: ENGL 21900; permission of instructor. (F or S,Y)
Attributes: HU
3 Credits

ENGL 42500 History and Structure of the English Language (LA)

Investigation of historical, theoretical, and structural elements of the English language necessary for understanding and communicating in written and spoken English, focusing on grammar, syntax, morphology, etymology, and the history of the English language. Study of issues in composition as they relate to the teaching of writing. Required of English with Teaching Option majors. Prerequisites: four English courses, one of which must be at level 3. (F,Y)
Attributes: HU
3 Credits

ENGL 43000 Seminar in the English Renaissance (LA)

Open to upper-class English majors and to other upper-class students with permission of instructor. Prerequisites: ENGL 27100; permission of instructor. (F or S,Y)
Attributes: HU
3 Credits

ENGL 44000 Seminar in the English Enlightenment (1660-1770) (LA)

Open to upper-class English majors and to other upper-class students with permission of instructor. Prerequisites: ENGL 27200; permission of instructor. (F or S,Y)
Attributes: HU
3 Credits

ENGL 45000 Seminar in 19th-Century Literature (LA)

Open to upper-class English majors and to other upper-class students with permission of instructor. Prerequisites: ENGL 38100; permission of instructor. (F or S,Y)
Attributes: HU
3 Credits

ENGL 46000 Seminar in 20th-Century English Literature (LA)

Open to upper-class English majors and to other upper-class students with permission of instructor. Prerequisites: Four English courses, at least two of which are at level 2 or above; junior standing. (F or S,Y)
Attributes: HU
3 Credits

ENGL 46500 Seminar in Drama (LA)

Selected topics in classic or contemporary drama. Prerequisites: Twelve credits in English or Theatre; permission of instructor; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (F,S,Y)
Attributes: HU, WI
3 Credits

ENGL 47000 Seminar in American Literature before 1890 (LA)

Topics may include puritan literature, 18th- and 19th-century women writers, transcendentalism, Dickinson, Whitman, Twain, among others. Prerequisites: ENGL 31900. (IRR)
Attributes: HU
3 Credits

ENGL 47100 Seminar in American Literature after 1890 (LA)

Topics may include American modernism, the Harlem Renaissance, the postmodern memoir, James, Bishop, DeLillo, among others. Prerequisites: ENGL 32000. (IRR)
Attributes: HU
3 Credits

ENGL 48000 Seminar in Literary Criticism (LA)

Selected topics in the history and theory of literary criticism.

Prerequisites: Four English courses; permission of instructor. (IRR)

Attributes: HU

3 Credits

ENGL 48200 Twentieth Century Irish Poetry: Yeats and Heaney (LA)

This seminar will be devoted to the poetic works of the two Irish poets who received the Nobel Prize in the 20th century. William Butler Yeats (1865-1939) will forever be associated with the violent birth of the modern Irish nation, especially as it is recounted in "Easter 1916," the poem commemorating the ill-fated rebellion that initiated Irish independence. Yeats, who sought in his poems "benefitting emblems of adversity," addressed the political cataclysms of Irish rebellion and subsequent civil war. Likewise, Seamus Heaney (b. 1939), whose career has paralleled the modern "troubles" of Northern Ireland, has said that he seeks "symbols adequate to our predicament," and his poetry has embodied the deep tensions of his divided society and a humane and complex response to those divisions. While there will be some time spent clarifying the political, historical, and religious context in which each of the poets wrote, the main focus of the seminar will be an intensive study of the poems themselves, with special attention paid to the ways in which Heaney has embraced and transformed Yeats's earlier poetic version.

Attributes: HU

3 Credits

ENGL 49500 Internship: English (NLA)

Allows students to combine literary study with on-site work experience under the guidance of a faculty supervisor. Internships require the approval of both the sponsoring agency and the faculty supervisor. Also available through the London Center. A maximum of three credits may be used to fulfill requirements for the English major or minor. Prerequisites: Four English courses; junior standing or above; permission of instructor. Variable credit. (IRR)

1-12 Credits

ENGL 49801 Honors Project I (LA)

First course in a two-semester sequence of independent work on an individual project arranged by a student with a particular faculty member. Research, writing, and discussion culminating in a 1-2-page abstract for an honors thesis, an extensive annotated bibliography, and a draft of an analytical chapter, all defended before a department honors committee.

Prerequisite: permission of instructor. (F, Y)

Attributes: UND

3 Credits

ENGL 49802 Honors Project II (LA)

Second course in a two-semester sequence of independent work on an individual project arranged by a student with a particular faculty member. Research, writing, and discussion culminating in an honors thesis of approximately 50-80 pages, defended before a department honors committee. May not be used as elective credit in the English major. Prerequisite: ENGL 49801. (S, Y)

Attributes: UND

3 Credits

ENGL 49900 Advanced Independent Study (LA)

Special research on an individual project arranged by a student with a particular faculty member. Final paper will be based on research in both electronic and print sources. Offered on demand only. A maximum of three credits may be used to fulfill requirements for the English major or minor. Prerequisites: Four literature courses and junior standing. (IRR)

Attributes: UND

3 Credits

Environmental Studies (ENVS)

ENVS 10400 Intro Gardening & Permaculture (NLA)

Hands-on course examining the intersection of gardening with social, economic, and biological systems. Readings combined with experiential projects including field trips, with a focus on building foundational skills through work in the IC student garden. (F, IRR)

Attributes: ESTS

1 Credit

ENVS 11000 The Environmental Crisis: Causes and Solutions (LA)

Course provides basic literacy to understand the current environmental crisis, covering such topics as energy, population growth, climate change, biodiversity loss, resource exploitation, food production, and toxics.

Course also investigates potential solutions to minimize impact on the personal, regional, national, and international scales. (S, Y)

Attributes: ABSS, LMEL, LMSP, LSCO, SC, SO, TQSF, TWOS

3 Credits

ENVS 11200 Sustainability Principles and Practice (LA)

This course is designed to introduce students to the history and principles of sustainability as a new approach to addressing complex societal and environmental issues. The class will use a broad definition of sustainability, considering ecological, social, economic, political issues, and community and individual health. These components will be examined using a systems perspective that stresses their interrelatedness. (F, S, Y)

Attributes: ABSS, AN3, LMEL, LMSP, LSCO, SC, SO, TPJ, TQSF

3 Credits

ENVS 11900 Introduction to Environmental Humanities (LA)

Introduction to the ways that humanistic disciplines (literature, religion, philosophy, history, art history) contribute to an understanding of human-environment relationships. Explores how human values toward the natural world are developed and expressed; the importance of language and storytelling in guiding human attitudes and behavior toward the environment; and the ways that the humanities can inform the theory and practice of the sciences and social sciences. (F, S)

Attributes: ABSS, AN2, AN3, HM, TQSF

4 Credits

ENVS 12000 Environmental Sentinels (LA)

Field-based course that focuses on natural history, biodiversity, and development of the ability to perceive subtle changes in the environment. Primitive technology skills (friction fires, natural rope, medicinal plants, tracking, etc.) and field identification will be emphasized. Blending these skills and the approaches of deep wilderness awareness, students develop an ability to read land-use history and an appreciation for modern ecological science and natural resource management. Intended for environmental science and studies majors. (F, Y).

Attributes: ABSS

4 Credits

ENVS 12100 Introduction to Environmental Science and Technology (LA)

This course will focus on the scientific principles and technological advanced fundamental to understanding human impact on the environment. We will investigate how technology contributes to as well as reduces our impact on the environment. Topics include global climate change, water quality and availability, air quality, sustainable food production, biodiversity loss, and chemical and biological waste remediation. We will tie together the political, social, and economic aspects of environmental studies using a global perspective. (S, Y)

Attributes: ABSS

4 Credits

ENVS 14200 Wildlife Tracking and Nature Observation (LA)

This field-based course focuses on development of skills of nature observation and animal tracking in the context of modern ecology. Hands-on experience provides students the opportunity to practice tracking skills and become familiar with the details of the lives of local wildlife including coyote, deer, foxes, raccoons, opossums, weasels, mice, and bobcats. Topics and skills covered include local natural history, wildlife habitat assessment, clear print track identification, wildlife conservation, and the role of humans in today's ecosystems. (Y,U)

Attributes: ESTS, SC, TIII, TMBS

3 Credits

ENVS 17500 Introductory Environmental Seminar (LA)

Seminar course exposes students in the environmental studies or science program to environmentally relevant research, examples of careers in the environmental field, and opportunities to meet local and regional professionals. Pass/fail only. (F,Y)

Attributes: NS

1 Credit

ENVS 20100 Environmental Research: Introductory (LA)

An introductory course for students who desire hands-on research in environmental studies projects but who have limited experience with research. Research will typically involve participation in continuing projects, though new, student-proposed projects may be possible if the instructor approves. Students will work closely with a faculty member to guide their study. May be repeated twice for a maximum of Prerequisites: Sophomore standing and permission of instructor. (F-S)

Attributes: UND

1-3 Credits

ENVS 20200-20203 Topics in Sustainability (LA)

An umbrella course with a different focus each semester. The course is integrative and allows students to experience sustainability firsthand through field experiences and service projects at Ecovillage and the local community, linked to the study of core principles and strategies in different areas of community sustainability. The courses taught within this umbrella include sustainable land use, teaching sustainability, fostering sustainable communities, sustainable energy systems, urban sustainability, and the sustainability movement. May be repeated for a maximum of twelve credits. Prerequisites: Sophomore standing. (F-S)

Attributes: LMSP, NS, SS

3-4 Credits

ENVS 20400 Rainforests, Reefs, and Ruins: Belize Case Study (LA)

Focus on the environment and culture in Belize as a case study to explore topics including: structure and function of tropical ecosystems and Mayan civilization, factors leading to high biodiversity in the tropics, importance of biodiversity to human civilization, and threats to these ecosystems. Intended to prepare students for ENVS 20500. Prerequisites: Sophomore standing and permission of instructor. (F,Y)

Attributes: ENSS, ESSS, LAEL, NS, SC, SO, SS, TIDE, TQSF

3 Credits

ENVS 20500 Belize Immersion (LA)

Two-week cultural immersion course in Belize. Activities include deep jungle overnight trips, home stays with Belizean families, and service learning. Students are responsible for additional course fees for study abroad component. Course may be used to fulfill ENVS cultural immersion requirement. Prerequisites: ENVS 20400; sophomore standing; permission of instructor. (Y)

Attributes: LAEL, LMSP

1 Credit

ENVS 21200 Conservation Biology (LA)

Introduction to principles of conservation biology issues used to understand and reverse the current worldwide species loss. Examination of case studies of local and global conservation efforts to combat this species loss. Lab exercises include field trips. Lecture: Three hours. Laboratory: Three hours. This course is cross-listed with BIOL 21200; students cannot receive credit for this course and BIOL 21200.

Prerequisites: Any 10000-level ENVS or BIOL course. (IRR)

Attributes: AN2, BIEL, ENRE

4 Credits

ENVS 22000 Human-Environment Geography (LA)

This course uses natural science, social science, and humanistic approaches to study the complex relationships between human physical and cultural systems through time and space. This course has a strong focus on the perspectives and methods current in human-environment geography, and incorporates exercises in asking and answering geographical questions. Students will examine the relationships between ecosystems and food production, urban and rural relationships, the role of corporations, globalization, warfare, and religion. Prerequisite:

Sophomore standing. (F,Y)

Attributes: ABSS, AN1, AN3

3 Credits

ENVS 23000 Earth System Science (LA)

Lab-based course that takes a whole-systems approach to understanding the physical, chemical, biological, and human interactions that determine the past, current, and future states of the earth. Students will describe key components, interactions, and concepts that characterize the earth system. The course emphasizes the generation and analysis of quantitative data. Prerequisite: ENVS 12100. (F,Y)

Attributes: ABSS

4 Credits

ENVS 23500 The Nature of Nature (LA)

Investigates why different religious traditions view our planet so differently. To what extent do these traditions shape peoples' perceptions of and interactions with the natural environment? Also explores how religious communities around the globe are responding to deforestation, biodiversity loss, and climate change. Makes use of a wide range of materials, including religious texts, documentaries, ethnographic studies, and science fiction. Prerequisites: One three-credit course in the liberal arts. (E)

Attributes: ABSS, ENHU, ESHU, HM, TMBS, TQSF

3 Credits

ENVS 24000 Environmental Archaeology: Human Impact in the Past and Present (LA)

This course examines the interrelationship between humans and their environments from a long-term archaeological perspective. This course emphasizes archaeological, geological, and botanical methods and analytical techniques used for long-term environmental reconstruction. Cross-listed as ANTH 24000. Students may not earn credit for ANTH 24000. Prerequisite: ANTH 10400 or ANTH 10700. This course satisfies the archaeology requirement. (S,Y)

Attributes: ABSS, AN1, ENSS, ESSS, SS

3 Credits

ENVS 24300 Sustainable Energy: Powering the World (LA)

Survey of energy. Topics include solar, wind, geothermal, electricity, fossil fuels, heat transfer, and the economic and environmental opportunities created by energy efficiency and sustainable energy systems. The course culminates with a final Energy Design Project. Cross-listed as PHYS 24300. Students may not earn credit for both PHYS 24300 and ENVS 24300. Prerequisite: Math placement score 2 or 1 or completion of MATH 10400, MATH 10800, or MATH 11000 (with a C- or better). (S,Y) Attributes: ABSS, QL, SC, TQSF

4 Credits

ENVS 25000 Principles of Geology (LA)

Investigation of the solid earth, plate tectonics, basic mineralogy and processes that shape the terrestrial surface. Includes laboratory and hands-on activities. Prerequisites: one ENVS, BIOL, PHYS, or CHEM course. (F,O)

Attributes: ENRE

4 Credits

ENVS 25200 Environmental Ethics (LA)

A critical examination of various moral problems raised when considering environmental issues. Questions regarding the moral status of animals, future generations, and the environment as a whole are explored. Also taken up are the moral aspects of famine relief, population control, and resource use. These issues and others generate challenging and fundamental questions of moral philosophy: What is the basis of obligation? Do animals have rights? What does it mean to say something is intrinsically valuable? Students cannot receive credit for both this course and PHIL 25200. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENVS, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST. (Y) Attributes: ABSS, AN2, AN3, HM, LMEL, LSCO, TPJ, TQSF

3 Credits

ENVS 26200 The History of Commodities in the Americas (LA)

Examines the relationship of commodities to the larger fabric of Atlantic world history since the 15th century, exploring how the material world shapes social, political, and economic behaviors and attitudes. Considers how historians, scientists, economists, and other social scientists, have interpreted the social, political, environmental, and economic significance of particular commodities. Central to the course is a focus on how commodities have shaped the relationship between Latin America, the Caribbean, and the United States. This course addresses material goods (sugar, cod, fertilizer, etc.) as commodities, as well as the history of human trafficking, from the Trans-Atlantic Slave Trade to modern day slavery. Cross-listed with HIST 26200; students cannot take both ENVS 26200 and HIST 26200 for credit. Prerequisites: Sophomore standing or above. (Y)

Attributes: ABSS, ENHU, ESHI, ESHU, HM, TQSF

3 Credits

ENVS 27000 History of American Environmental Thought (LA)

A pervasive theme in the occupancy of North America is the changing and often conflicting perception of the environment. This course focuses on the history of environmental ideas, values, behaviors, and attitudes. Topics include capitalist, Romantic, and ecological thinking; the goals of conservation and preservation; recent rethinking of primitive experience and the idea of wilderness; and today's dialogue between mainstream environmentalism and deep ecology, the latter including ecofeminism, sustainable development, and biodiversity. Students examine the profound impact each of the paradigms has had on human-environment relations in America. This course counts toward the U.S. history requirement for history department majors. Cross-listed with HIST 27000. Prerequisites: Sophomore standing. (Y)

Attributes: ABSS, ENHU, ESHI, ESHU, H, HI2, HM, LMEL, LSCO, SL, TQSF

3 Credits

ENVS 27100 Global Environmental History (LA)

An introduction to the field of global environmental history that explores nature's role in world history and the ways human systems of energy, agriculture, resource extraction, trade, and transportation have affected the environment over time and vice versa. Primarily focuses on the historical impacts of environmental change around the world since the start of the industrial revolution (c. 1750). Cross-listed with HIST 27100; students cannot receive credit for both ENVS 27100 and HIST 27100.

Prerequisites: Sophomore standing or above. (IRR)

Attributes: ABSS, ENHU, ESHI, ESHU

3 Credits

ENVS 27500 Intermediate Environmental Seminar (NLA)

Designed to help students make conscious choices to direct their academic activities at Ithaca College and to begin to consider post-graduation goals. Prerequisites: ENVS 17500. (S,Y)

1 Credit

ENVS 28100 Environmental Economics (LA)

Introduction to the study of environmental problems with the perspective, analytical ideas, and methodology of economics. Emphasis is placed on the analysis of environmental policy. Topics include the relationship between economic activity and environmental quality, the role of economic analysis in environmental policy decisions, economic analysis of pollution control strategies, and economic analysis of environmental policy in both the United States and the international community. Cross-listed as ECON 28100; students cannot receive credit for ECON 28100.

Prerequisites: ECON 12200. (S)

Attributes: 1, ENSS, ESSS, H, SS

3 Credits

ENVS 29200 Critical Skills in Environmental Research and Practice (LA)

Introduces critical thinking, quantitative analysis, and presentation skills necessary for effective environmental research and professional practice, including experimental design, how to work effectively with large data sets, how to make appropriate graphs, and what statistical tests are appropriate in which conditions. Focus will be on data analysis leading to objective decision making and policy formulation. Real-world issues such as resource use, environmental impact analysis, human demographics and disease spread, climate change, pollution, and biodiversity will be examined. Highly recommended for students interested in scientific research. Prerequisites: ENVS 12100. (S,Y)

Attributes: ENRE, QL

3 Credits

ENVS 30100 Environmental Research: Intermediate (LA)

For intermediate students who desire hands-on research in issues relating to sustainability and the environment. Research can involve participation in continuing faculty research projects or in new, student-proposed projects. Students will work closely with a faculty member to guide their study. May be repeated for a total of (F,S,Y)
1-3 Credits

ENVS 32200 Environmental Methods: Sampling, Surveying, Statistics and Analysis (LA)

This course provides students with field-based, real-world applications of sampling, surveying, and statistical analysis techniques, with an emphasis on environmental problem-solving skills. This class covers both qualitative and quantitative analytical techniques. Lecture/discussion: Three hours. Laboratory: Three hours. Prerequisites: ENVS 12100 or ENVS 13000; ENVS 22000; MATH 14500, MATH 14400 or MATH 21600. (F,Y)
Attributes: NS
4 Credits

ENVS 33100-33102 Topics in Geography and Planning (LA)

Intermediate course with a different focus each semester. Topics include demographics, city and regional planning, land use, and topography. May be repeated for maximum of eight credits. Lecture/discussion, may include a three-hour laboratory. Prerequisite: ENVS 22000. (IRR)
Attributes: ENSS, ESPE, SS
3-4 Credits

ENVS 33300 International Environmental Policy (LA)

This course examines an environmental issue in depth (climate change, air pollution, fisheries, endangered species, human population, water management) and the international policy negotiations around that issue. Students will attend international environmental negotiation sessions; additional course fees apply for travel. Prerequisites: Junior standing; permission of instructor. (IRR)
Attributes: GERM, UND
3 Credits

ENVS 34000-34002 Topics in Pollution (LA)

Intermediate course with a different focus each semester. Topics may include environmental toxicology, environmental health and medicine, aquatic pollution, pollution remediation, hazardous waste, or pollution policy. May be repeated for maximum of six credits when topics vary. Prerequisites: ENVS 12100. (F,Y)
Attributes: ESTS, NS, WI
3 Credits

ENVS 34100 Topics in Pollution: Laboratory (LA)

Designed to complement ENVS 34000. Focuses on field and lab methods used in toxicology. Repeatable two times for a total of when topics vary. (F,Y)
Attributes: ENRE
1 Credit

ENVS 35000-35002 Topics in Natural Resources and Ecology (LA)

Intermediate course with a different focus each semester. Topics include ecological issues associated with practical conservation or management practices, such as ecosystem ecology, conservation biology, or biology of invasive species. This course may be repeated for credit when topics vary, for a maximum of eight credits. Prerequisites: Three courses in environmental studies or biology. Lecture/discussion, may include a three-hour laboratory. (IRR)
Attributes: ESTS, NS
3-4 Credits

ENVS 35100 Farming the Forest: Non-Timber Forest Products (LA)

Highly hands-on interdisciplinary course in which students use place-based learning to understand and experience the role of forests in providing a range of provisioning services (food, fiber, medicine, fuel, and other materials) in the global social-ecological system. Integrated treatment of forest ecology, non-timber forest products management, and human-dimensions ecology leads to sustainably producing a range of non-timber forest products for a small student-run business. Students are responsible for all aspects of the business: production, safety, product research and development, sales, public education and outreach. Products include honey and other hive products, maple syrup, mushrooms, hand-carved items, herbal salves and teas, bark baskets, etc. (S,Y)
Attributes: ESTS
4 Credits

ENVS 36000-36002 Topics in Environmental Humanities (LA)

Intermediate course with a different focus each semester. Topics include literature, philosophy, art, mythology, history, landscape design, and architecture from around the world. By exploring the myriad ways human beings have viewed nature, students will gain a better grasp of why human-environment interactions are in crisis and what it means to be human in such a world. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800; and one of the following: ENVS 11900, ENVS 26200, ENVS 27000, or ENVS 27100. (IRR)
Attributes: ENHU, ESHU, HU, WI
3 Credits

ENVS 36003 Topics: Environmental Humanities (LA)

Intermediate course with a different focus each semester. Topics include literature, philosophy, art, mythology, history, landscape design, and architecture from around the world. By exploring the myriad ways human beings have viewed nature, students will gain a better grasp of why human-environment interactions are in crisis and what it means to be human in such a world. Prerequisites: Three humanities courses and sophomore standing. (IRR)
Attributes: HU, WI
3 Credits

ENVS 36600 Environmental Politics (LA)

Examines environmental protection (and destruction) from numerous political perspectives and in relation to various political ideologies. Looks at policy-making aspects of environmental protection. Traces the development of national and international environmental movements. Considers environmental issues in terms of race, gender, and class politics. Prerequisites: Sophomore standing. Cross-listed with POLT 346600; students cannot receive credit for both POLT 36600 and ENVS 36600. (Y)
Attributes: ABSS, ENSS, ESPE, LMEL, LSCO
3 Credits

ENVS 37000 Topics: Earth Science (LA)

Intermediate course with a different focus each semester. Topics include hydrology, biogeochemistry, soil science, and agriculture. May be repeated for maximum of eight credits. Lecture/discussion, may include a three-hour laboratory. Prerequisite: Three courses in environmental studies and sciences, biology, chemistry, or physics. (IRR).
Attributes: NS
3-4 Credits

ENVS 37001-37002 Topics in Earth Science (LA)

Intermediate course with a different focus each semester. Topics include hydrology, biogeochemistry, soil science, and agriculture. May be repeated for maximum of eight credits. Lecture/discussion, may include a three-hour laboratory. Prerequisite: Three courses in environmental studies and sciences, biology, chemistry, or physics. (IRR).

Attributes: NS

3-4 Credits

ENVS 38000-38003 Selected Topics in Field Studies (LA)

Field study courses provide a multiday field trip to an off-campus ecosystem. Each field study course emphasizes a unique regional topic, and students become familiar with the major geological and ecological events as well as the human impact on sustainability of the natural ecosystem(s). Students also learn to identify the predominant flora and fauna of the area. Student projects are expected to show considerable independent effort, background information, analyses, and original synthesis. May be repeated for credit for field studies in different regions for a maximum three times or twelve credits. Prerequisites: 3 courses in ENVS or BIOL. (IRR)

Attributes: ENSS, ESSS, NS

1-4 Credits

ENVS 40200-40201 Environmental Research: Advanced (LA)

For advanced students who desire hands-on research in issues relating to sustainability and the environment. Research can involve participation in continuing faculty research projects or in new, student-proposed projects. Students will work closely with a faculty member to guide their study. Prerequisites: ENVS 30100 and permission of instructor. May be repeated for a total of eight credits. (F,S,Y)

1-4 Credits

ENVS 47500 Advanced Environmental Seminar (NLA)

Discussion group for seniors in environmental studies and environmental science. Course focuses on networking, and summative reflection on educational and personal growth through the preparation of an integration project and an e-portfolio. Restricted to Environmental Science and Environmental Studies majors. Prerequisites: ENVS 27500; senior standing. (S,Y)

Attributes: CP

1 Credit

ENVS 49000 Independent Study: Environmental Studies (LA)

A reading program of materials of special interest to the student, undertaken under faculty direction. Prerequisites: Permission of instructor. (F-S,Y)

Attributes: UND

1-4 Credits

ENVS 49500 Internship: Environmental Studies (NLA)

Permits students to explore environmental studies through a variety of work experiences. Students are expected to submit, as part of their course obligations, a thorough written evaluative report based on their experiences. Internships may be taken at national, state, and local levels, and in London under the auspices of the Ithaca College London Center. Prerequisites: Permission of instructor; completion of three-quarters of an environmental studies major or minor. 1-(F-S,Y)

1-12 Credits

Exercise and Sport Sciences (EXSS)

EXSS 12000 Anatomy and Physiology I (LA)

Develops a comprehensive understanding of the close interrelationship between anatomy and physiology as seen in the human organism. Covers the cells and tissues: epithelial, connective, muscle, and nerve. (F,Y)

Attributes: NS

4 Credits

EXSS 12100 Anatomy and Physiology II (LA)

Continuation of EXSS 12000. Covers the circulatory, endocrine, ventilatory, renal, digestive, and reproductive systems. Also reviews the muscular system from both a functional and a structural perspective.

Prerequisites: EXSS 12000. (S,Y)

Attributes: NS

4 Credits

EXSS 12400 Emergency Care for the Health Professional (NLA)

This course is designed to certify students in CPR/AED for the Professional Rescuer. Emphasis will be placed upon technique and execution of required skills. Basics of emergency injury care/first aid will be covered. Time for practice of common techniques will be included so that the students may develop and apply practical skill competencies. (F-S,B,IRR)

1 Credit

EXSS 12500 Foundations of Human Performance and Wellness (NLA)

This course provides students with an introduction to areas of exercise science focused on enhancing human performance and wellness. Details of some applied fields within Exercise Science (e.g. clinical exercise physiology, health & wellness, strength & conditioning) and how they impact human performance are emphasized. The range of human performances, from sports to prevention of disease and rehabilitation are discussed. Students will gain insight into career opportunities within exercise science aimed at enhancing human performance & wellness. Lecture and practical learning experiences will introduce students to skills needed to be a competent exercise instructor and leader. (S,Y)

2 Credits

EXSS 12600 Origins and Literacy of Medical Science (NLA)

Understand how science, research, and healthcare are interrelated, and how humans incorporate a systematic process to explain and predict clinical phenomena. Explore how we have come to rely on science in clinical practice, identify common potential misconceptions, and deepen the understanding of the scientific words we use. (S)

2 Credits

EXSS 17300 Fieldwork in Exercise Science I (NLA)

Practical observational experience in private, university, professional, hospital, corporate, clinical, or a community setting where exercise is used as the primary modality to enhance physical performance. The objective is to observe closely the daily operations and special functions implemented in these settings and the practice of using exercise to improve physical capacity. Prerequisites: Application and permission of exercise science coordinator. (Sum,Y)

1 Credit

EXSS 20200 Sport and Exercise Psychology (LA)

Introduction to the psychological factors that influence individual and group sport and exercise participation. Psychological skills training (PST) techniques used to enhance sport and exercise performance are presented. Topics include exercise and rehabilitation adherence, management of eating disorders and substance abuse, burnout and overtraining, self-confidence, goal setting, anxiety and stress management, concentration and attention control, imagery and visualization, group cohesion, sport and exercise leadership, motivation, and communication. Prerequisites: Sophomore standing. (F-S,Y)
Attributes: 1, SS
3 Credits

EXSS 22000 Kinesiology (LA)

Examines the anatomical structures and mechanical aspects of human movement. Emphasis is placed on the functional anatomy of the musculoskeletal and articular systems. Pathologies of upper and lower extremities and trunk are examined for contributions to abnormal patterns of posture, movement, and locomotion. Basic neuromuscular and biomechanical principles are introduced. Laboratory exercises concentrate on the role of muscle and joint action during basic movements and the adaptations that can result from pathologic conditions. The focus is on individual joint function and the integrated function of several joints during complex activities such as normal human locomotion. Corequisites: EXSS 12100. (F-S,Y)
Attributes: NS
4 Credits

EXSS 24600 Prevention and Care of Athletic Injuries (NLA)

Introduction to basic concepts in athletic training, with emphasis on anatomical bases and mechanisms of common athletic injuries. Basics of injury prevention, recognition, and initial care are covered. Prerequisites: EXSS 12000. (F-S,Y)
3 Credits

EXSS 24800 Acute Care and Emergency Management in Athletic Training (NLA)

An introduction to acute care and emergency situations. Topics include emergency assessment, sudden cardiac death, concussion, cervical spine injury, heat illness, and other athletic related trauma and certification in CPR/AED for the Professional Rescuer. Emphasis will be placed upon technique and execution of required skills. Prerequisites: EXSS 24600. (F,Y).
3 Credits

EXSS 25000 Athletic Training Techniques I (NLA)

Lecture-laboratory course to develop and refine taping and wrapping skills along with basic emergency and therapy techniques. Prerequisites: EXSS 12000; Co-requisites: EXSS 24600; athletic training majors only. (S,Y)
1 Credit

EXSS 25100 Athletic Training Techniques II (NLA)

Lecture-laboratory course to develop and refine comprehensive orthopedic evaluation skills specific to the assessment and evaluation of athletic injuries of the lower extremity and lumbar spine. Prerequisites: EXSS 24600; EXSS 25000. Corequisites: EXSS 25600. (F,Y)
1 Credit

EXSS 25200 Athletic Training Techniques III (NLA)

Lecture-laboratory course to develop and refine comprehensive orthopedic evaluation skills specific to the assessment and evaluation of athletic injuries of the upper extremity and cervical spine. Prerequisites: EXSS 25100, EXSS 25600. Co-requisites: EXSS 25700. (S,Y)
1 Credit

EXSS 25500 Introduction to Evidence Based Medicine and Clinical Reasoning (NLA)

Introduction to the central tenets and practices of evidence based medicine and clinical reasoning. Emphasis on the effective search for, and use of research and evidence that represent best practices relating to the evaluation and treatment of injuries and conditions in active populations in order to promote favorable patient outcomes, and upon the understanding and development of sound clinical reasoning skills specific to diagnostic decision making and patient care. Prerequisites: EXSS 24600. Co-requisites: EXSS 25600. (F,Y)
1 Credit

EXSS 25600 Athletic Injury Assessment I (NLA)

In-depth analysis of complete assessment theories, procedures, principles and skills related to the evaluation of orthopedic injuries and conditions. Emphasis is placed on anatomical bases and mechanisms of athletic injuries to the lower extremities and the lumbar spine. Time for practice is included so that students may develop essential practical skills. Prerequisites: EXSS 24600; Co-Requisites: EXSS 25100. (F,Y)
3 Credits

EXSS 25700 Athletic Injury Assessment II (NLA)

In-depth analysis of complete assessment theories, procedures, principles and skills related to the evaluation of orthopedic injuries and conditions. Emphasis is placed on anatomical bases and mechanisms of athletic injuries to the upper extremities and cervical spine. Time for practice is included so that students may develop essential practical skills. Prerequisites: EXSS 25600; Co-Requisites: EXSS 25200. (S,Y)
3 Credits

EXSS 26200 Personal Training (NLA)

Develop rationale and theory for the development of health-related fitness programs for the adult fitness participant. Understand how to conduct preparticipation health screening through client consultation. Learn how to develop exercise programs from a client's needs analysis. Understand the necessary skills required of the personal trainer and how to develop good client rapport and effective exercise leadership. Develop an understanding of programming for unique populations (i.e. – older adult, obese, etc.). The class format includes lecture and discussion. Material is geared toward meeting learning objectives for personal training certification. Prerequisite: EXSS 12100. (F,Y)
3 Credits

EXSS 26300 Exercise Techniques (NLA)

Provides each student with both classroom and practical learning experience designed to develop the skills needed to be a competent exercise instructor - leader. The course allows students to put into practice their knowledge of exercise from their previous coursework in biomechanics, exercise physiology, and conditioning for performance and health. Students will be involved in group-centered instruction, field observation, laboratory experiences and skill execution practicals. Prerequisites: EXSS 26200. (F-S, Y)
2 Credits

EXSS 26400 Strength and Conditioning Foundations (NLA)

This course examines the building blocks necessary to design, implement, and test a sport specific training program. Assessment tools will be examined and how their results are used to develop training programs for the athlete will be discussed. Determination of training needs through individualized, sport specific needs analyses and performance goal setting is emphasized. Short and long term benefits of training programs and the application of training cycles are discussed. The course develops the theoretical framework for the practice-based application classes that follow. The course helps prepare the student for a national certification exam. Prerequisites: EXSS 12100, EXSS 12500. (F) 3 Credits

EXSS 26500 Practicum in Strength and Conditioning I (NLA)

A practice-based course emphasizing steps involved in conducting sports specific needs analyses. Students' abilities to implement testing protocols to evaluate athlete condition on health and skill-related components of fitness is enhanced. Statistical analysis is employed to identify athlete strengths and weaknesses. Athletic profiles are devised to identify objective program directions. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 12100, EXSS 12500. (F,Y) 1 Credit

EXSS 27200 Practicum in Clinical Exercise and Wellness I (NLA)

A practice-based course emphasizing fitness assessment and prescription of exercise programming for healthy populations. Develop and lead clients through programs to enhance physical fitness. Emphasis on developing strength and flexibility. Learning occurs in full-functioning Wellness Clinic and laboratory settings. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 26200. Only open to students in Clinical Exercise & Wellness concentration. (F-S,Y) 1 Credit

EXSS 27300 Community Service in Exercise and Sport Sciences (NLA)

Volunteer work in the community. This experience emphasizes donating time to promote community well-being, using skills developed in exercise and sport sciences programs. Examples include working at health fairs, checking blood pressure, measuring body composition, and determining blood lipid profiles. Pass/fail only. Prerequisites: EXSS 26200; permission of the instructor. (F-S,Y) 1 Credit

EXSS 29400 Clinical Experience in Athletic Training I (NLA)

Supervised practical experience in an athletic training setting at Ithaca College. A minimum of 60 clock-hours is required; students apply basic clinical skills taught in previous coursework. Clinical proficiencies emphasized include basic emergency care, protective taping and wrapping, injury evaluation, and basic therapy techniques. Prerequisites: EXSS 24600, EXSS 25000. (F,Y) 0.5 Credit

EXSS 30000 Clinical Experience in Athletic Training II (NLA)

Supervised practical experience in an athletic training setting at Ithaca College. A minimum of 30 clock-hours is required; students apply basic clinical skills taught in previous coursework. Clinical proficiencies emphasized include acute and emergency care, and orthopedic assessment of the lower extremity and lumbar spine. Prerequisites: EXSS 24800, EXSS 25100, EXSS 25600. (S,Y) 0.5 Credit

EXSS 30100 Clinical Experience in Athletic Training III (NLA)

Supervised practical experience in an athletic training setting at Ithaca College or an affiliated site. A minimum of 60 clock-hours is required. Clinical proficiencies emphasized include orthopedic assessment of the upper extremity and cervical spine. Prerequisites: EXSS 25700, EXSS 25200, EXSS 30000. (F,Y) 1 Credit

EXSS 30200 Psychology of Injury in Sport and Exercise (NLA)

Designed to provide an in-depth study of the psychological causes and consequences of sport and exercise related injuries. This course will examine issues associated with onset, treatment and rehabilitation of sport injury and the mental training strategies commonly used for injury rehabilitation. Topics include motivation, adherence, return to play, mental health concerns, interview, and assessment. Prerequisites: EXSS 20200; Junior standing, (S, Y) 3 Credits

EXSS 30500 Techniques & Treatment of the Spine in Athletic Training (NLA)

Explores evaluation and treatment techniques for spinal injuries sustained in athletics. Emphasis on understanding a treatment classification system for spinal injuries and application of appropriate treatment, advanced manual therapy techniques and rehabilitation concepts. Pass/Fail only. Prerequisites: EXSS 25700. (S,Y) 2 Credits

EXSS 30600 Biomechanical Principles of Human Movement (LA)

Biomechanics of human movement provides an in-depth exploration of the biomechanics of human motion. Concepts and skills used to perform and interpret biomechanical analyses of human movement including anthropometry, kinematic analysis, and joint kinetics are covered. Biomechanics of fundamental movement skills including running, jumping/landing and lifting are examined in lecture and during hands on laboratory experiences. Prerequisites: PHYS 10100 or PHYS 11700, and EXSS 22000. (F,S,Y) Attributes: 1, NS 4 Credits

EXSS 31100 Biopsychosocial Foundations of Clinical Practice (NLA)

Understanding of human health and illness from a personal context. Identify biological, psychological, and social factors and their complex interactions in order to better understand and formulate more effective approaches to health, illness, and health care delivery. Application of the biopsychosocial model to healthcare studies and clinical practice. Prerequisites: PSYC 10300; EXSS 24600. (F) Attributes: DV 3 Credits

EXSS 31200 Pre Healthcare Clinical Practicum I (NLA)

Explore the athletic training profession, domains of practice, and interprofessional practice within supervised clinical observations. Examine the education, regulation and governance of athletic training. Gain an understanding of the clinical expectations, operations and responsibilities of athletic trainers. Examine the biopsychosocial model within the athletic training clinical setting. A minimum of 30 experiential hours required. Prerequisites: EXSS 24600. (F) 1 Credit

EXSS 32000 Neuromuscular Control (LA)

Study of sensorimotor and musculoskeletal systems involved in producing coordinated and purposeful movements. Injury, training, practice, learning, and other cognitive-emotional processes are examined as they affect the neuromuscular control of finely coordinated skills and vigorous physical performance. Emphasis is placed on understanding the relevant neurophysiological mechanisms of movement and how training and practice can be used to maximize performance, wellness, and rehabilitation ease. Exploration of theories of motor learning and control, from the general motor program to the dynamic system theory. Prerequisites: EXSS 22000 or PTBS 31300; junior standing. (F-S,Y) Attributes: NS

3 Credits

EXSS 32100 Exercise Physiology (LA)

Examines physiological changes during exercise, after exercise, and during a training period. Also considers efficiency, needs, and limitations of body systems, and their interrelationships. Lecture, demonstration, and laboratory. Prerequisites: EXSS 12100; junior standing. (F-S,Y)

4 Credits

EXSS 32200 Lab Techniques: Biomechanics and Neurophysiology Assessment (NLA)

Focuses on evaluating human movement for both sports performance and functional activity assessment. Topics covered are assessment and reporting procedures, use of standard equipment in biomechanics neuromuscular control, and issues of reliability and validity. Specific procedures include assessment of athletes and patients related to sport performance and physical function via videography, forceplates, dynamometry, posturography, balance, reaction time, and skill specific tests. Emphasis is placed on communicating results to coaches, athletes, scientists, and practitioners. Attention to validity, selection, and implementation of assessment protocols in addition to interpreting and communicating results is emphasized throughout the course. Pre- or co-requisites: EXSS 32000 and EXSS 30600. (F-S,Y)

2 Credits

EXSS 34000 Therapeutic Interventions in Athletic Training I (NLA)

Contemporary therapeutic modalities used in managing athletic injuries. Modalities covered are classified as thermal agents, electrical agents, or mechanical agents. Emphasis is placed on their physiological effects, therapeutic indications and contraindications, and clinical application. Prerequisites: EXSS 25700. Co-requisites: EXSS 35100. (F,Y)

3 Credits

EXSS 34200 Therapeutic Interventions in Athletic Training II (NLA)

Basic principles of therapeutic exercise to develop, maintain, and/or improve components of physical fitness. Emphasis is placed on these principles as well as on specific exercise programs for rehabilitation of major athletic injuries. Prerequisites: EXSS 34000. Co-requisites: EXSS 35100. (S,Y)

3 Credits

EXSS 34900 Fieldwork in Exercise and Sport Sciences (NLA)

Practical experience in corporate or clinical settings, amateur and professional sport agencies, and community organizations. Focus is on observation, guided learning, and supervised practical experiences. Prerequisites: Exercise and sport sciences major or minor; junior standing or above; permission of department chair. (F-S,Y)

1-6 Credits

EXSS 35100 Athletic Training Techniques IV (NLA)

Lecture-laboratory course to develop and refine essential skills related to various therapeutic interventions with emphasis on therapeutic modalities in athletic training. Prerequisites: EXSS 25700, EXSS 25200. Corequisites: EXSS 34000. (F,Y)

1 Credit

EXSS 35200 Athletic Training Techniques V (NLA)

Lecture-laboratory course to develop and refine essential skills related to therapeutic interventions with emphasis placed in rehabilitation and exercise in athletic training. Prerequisites: EXSS 34000, EXSS 35100. Corequisites: EXSS 34200. (S,Y)

1 Credit

EXSS 36000 Medical Science (NLA)

An in-depth study of the etiology, process, treatment, and pharmacology of diseases of the human body according to the body systems. Emphasis is placed on infectious, cardiovascular, pulmonary, gastrointestinal, endocrine, and urogenital disorders. Prerequisites: EXSS 12000, EXSS 12100, junior standing. (S,Y)

3 Credits

EXSS 36400 Complementary and Alternative Therapies (LA)

Survey of complementary and nontraditional wellness and therapeutic modalities. Emphasis is placed on bodywork and mind-body interventions, including somatics, biofield therapeutics, and energy medicine. Alternative systems and philosophies of medical practice, the nature of practitioners, and dietary supplements are also covered. Scientific and nonscientific rationales for modalities are critically examined. Prerequisites: Junior standing or above; one course in human biology or physiology (BIOL 10800, BIOL 11500, BIOL 11900, BIOL 12100, BIOL 20500, or EXSS 12000); one course in psychology (PSYC xxxx). (F,O)

3 Credits

EXSS 36500 Junior Internship in Athletic Training (NLA)

Provides a supervised clinical experience opportunity for junior AT majors. Relevant clinical experiences must include exposure to upper extremity, lower extremity, and equipment intensive experiences of both genders. A minimum of 60 experiential hours per credit is required. Each student is required to take four credits of this course obtaining a minimum of 240 practical hours, and a minimum of 120 of these hours must be attained under the supervision of an approved clinical instructor. These clinical experiences must be approved by the athletic training clinical coordinator prior to registration. May be repeated up to four credits. Pass/fail only. Prerequisite: EXSS 30000, EXSS 25700; athletic training major, junior standing. (F,S,U,Y)

1-4 Credits

EXSS 37300 Fieldwork in Exercise Science II (NLA)

Practical observational experience in private, university, professional, hospital, corporate, clinical, or a community setting where exercise is used as the primary modality to enhance physical performance. The objective is to observe closely the daily operations and special functions implemented in these settings and the practice of using exercise to improve physical capacity. A clear focus for internship planning should be developed during this fieldwork. May be repeated for one credit. Prerequisites: EXSS 26200; application to and permission of exercise science coordinator. (Sum, Y)

1 Credit

EXSS 37500 Research Methods in Exercise and Sport Sciences (LA)

Examination of the investigative methods used in exercise and sport sciences research. Design of experiments and application of statistical techniques for several types of research are explored. Includes proposal preparation for an original research project. Prerequisites: MATH 14400, MATH 14500, MATH 15500, or PSYC 20700; WRTG 10600 or ICSM equivalent; junior standing. (F,S,Y)

Attributes: 1, 2B, QL, WI

3 Credits

EXSS 38200 Practicum in Clinical Exercise and Wellness II (NLA)

A practice-based course emphasizing fitness assessment and prescription of exercise programming for healthy and patient populations. Develop and lead clients through programs to enhance physical fitness.

Emphasis on developing core function, balance, and cardiovascular endurance. Majority of learning occurs in full-functioning Wellness Clinic and laboratory settings. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 26200. Only open to students in Clinical Exercise & Wellness concentration. (F-S,Y)

1 Credit

EXSS 38400 Practicum in Strength and Conditioning II (NLA)

A practice-based course covering proper execution of training modes to enhance strength (resistance training) and power (Olympic lifts) in athletes. Emphasis is on technique and teaching for development of athletic performance in a variety of athletic populations. Discussion, demonstration, personal skill development, and leading athletes in skill development are the primary means of instruction. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 26400. (S,Y)

1 Credit

EXSS 38500 Practicum in Strength and Conditioning III (NLA)

A practice-based course covering proper execution of exercises to enhance health and skill related components of fitness (i.e. flexibility, speed, agility, power and aerobic / anaerobic endurance). Students' abilities to devise and implement field-based conditioning modes will be enhanced. Emphasis is on technique and teaching for development of athletic performance in a variety of athletic populations. Discussion, demonstration, personal skill development, and leading athletes in skill development are the primary means of instruction. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 26400. (F,Y)

1 Credit

EXSS 39000 Advanced Strength and Conditioning (NLA)

This enhances students understanding of strength and conditioning service provision through examination of more advanced concepts of performance testing, program design and program implementation. Technological advancements and recent developments in the areas of performance testing and athlete monitoring will be examined. Objective determination of athletes' needs will be emphasized further. Student understanding of program design will be enhanced through discussion and application of advanced periodization models. The course helps prepare the student for the national certification exam. Prerequisites: EXSS 26400. (S,Y)

3 Credits

EXSS 39900-39901 Selected Topics in Exercise and Sport Sciences (LA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR)

Attributes: NLA

1-3 Credits

EXSS 40000 Clinical Experience in Athletic Training IV (NLA)

Supervised practical experience in an athletic training setting at Ithaca College or an affiliated site. A minimum of 60 clock-hours is required. Clinical proficiencies emphasized include basic therapeutic exercise techniques and advanced modality use. Students must be athletic training majors. Prerequisites: EXSS 30100, EXSS 34000, EXSS 35100. (S,Y)

1 Credit

EXSS 40100 Clinical Experience in Athletic Training V (NLA)

Supervised practical experience in an athletic training setting at Ithaca College or an affiliated site. A minimum of 60 clock-hours is required. Clinical skills emphasized include advanced therapeutic exercise techniques, therapeutic exercise protocols for major joints, and pre-event management. Prerequisites: EXSS 34200, EXSS 35200, EXSS 40000; athletic training majors only. (F,Y)

1 Credit

EXSS 40400 Leadership and Team Building in Exercise and Sport (LA)

Designed to provide an in-depth study of the principles and applied strategies that influence effective leadership and the building of productive teams. Emphasis is placed on developing high-performing teams through the effective use of individual, team, and corporate sport leadership. Topics include the assessment, training, and implementation of leadership qualities, skills, and "laws" that promote the proper development of leaders and teams. Theoretical foundations will be discussed for situational, transformational, charismatic, and servant leadership as each relates to the building of championship teams. Information is provided via small groups, lectures, role-playings, and student-taught workshop (cooperative learning) formats. Prerequisites: EXSS 30200. (S,Y)

Attributes: NS

3 Credits

EXSS 40500 Applied Techniques in Sport Psychology (NLA)

An in-depth examination of sport psychology techniques and their application to sport performance. Particular attention will be given to the synthesis and application of various mental training techniques to youth and team sport settings. Techniques include motivation, teamwork, communication, goal setting, anxiety/arousal control, imagery, positive self-talk, leadership, and mental toughness. Topics include gaining entry, confidentiality, and providing consultation in youth and team sport settings. Prerequisites: EXSS 30200, (F,Y)

3 Credits

EXSS 40600 Health and Wellness Coaching (NLA)

Presents relevant theory and allows for development of relational skills required for successful health and wellness coaching with the goal to sustainably affect healthy behavior change in patients/clients. Hybrid learning environment utilizes on-line, telephonic, and classroom experiences. Presents most course material via telephonic conferences. Details career options in health coaching and preparation for coaching certification. Prerequisites: Senior standing. Open to HSHP students only. (F,Y)

3 Credits

EXSS 40700 Clinical Pathoanatomy (NLA)

Advanced course that emphasizes musculoskeletal structure, function, and injury by extending and deepening prior knowledge through the use of human anatomic laboratory instruction. There will be in-depth examination of injuries that occur during sports participation. Students will apply knowledge of pathoanatomy, pathomechanics, and pathophysiology towards a deeper understanding of the most common sports-related injuries and their anatomical basis. Prerequisites: Grade of C or better in EXSS 34000; Grade of C or better in EXSS 34200; senior standing or permission of instructor. (F-Y)
3 Credits

EXSS 41100 Principles of Evidence Based Practice and Clinical Reasoning (NLA)

Introduce evidence-based practice and clinical reasoning with emphasis on effective search strategies for evidence of best practices relating to the recognition, rehabilitation, and prevention of injuries and conditions in active populations. Explore patient outcomes to develop sound clinical reasoning skills specific to diagnostic decision making and patient care. Prerequisites: EXSS 37500. (S)
2 Credits

EXSS 41200 Pre-Healthcare Clinical Practicum II (NLA)

Examine athletic training policies and procedures within supervised clinical observations. Recognize the social determinants of health, while interacting with various healthcare professions treating active populations. Identify the various interventions used to treat athletic injury and gain certification in CPR/AED use. A minimum of 30 experiential hours is required. Prerequisites: EXSS 31200. (S)
1 Credit

EXSS 42000 Advanced Biomechanics of Human Movement (LA)

An in-depth exploration of the biomechanics of human motion, focusing on the concepts and skills needed to perform and interpret biomechanical analyses of a variety of human movements. Topics will include anthropometry, kinematics, kinetics, and mechanical work, energy, and power. Select human movement skills from sport, clinical, and occupation settings will be examined in lecture and during hands-on laboratory experiences. Prerequisites: EXSS 22000; EXSS 22100, or PHYS 10100, or PHYS 11700 with C- or better; and EXSS 32100. (S,Y)
Attributes: 1, NS
4 Credits

EXSS 42100 Advanced Study in Exercise Physiology (LA)

An extension of EXSS 32100 Exercise Physiology that goes into greater depth on the physiological mechanisms that regulate the body's responses and adaptations to exercise. Special physiological considerations of gender, development and aging, obesity, pregnancy, and environmental stress (e.g., altitude, pollution, extreme temperature) are emphasized. Popular pharmaceutical and dietary manipulations used to enhance exercise performance are discussed. Experimental research in exercise physiology is introduced, and limited laboratory experiences are scheduled during class time. Prerequisites: EXSS 32100. (F-S,Y)
3 Credits

EXSS 42200 Exercise and Rehabilitation Psychology (LA)

Discussion of the psychological antecedents of exercise, including barriers and adherence to exercise or rehabilitation regimens. Particular attention will also be given to wellness, stress, the biobehavioral basis of coronary heart disease and other illnesses, and the psychodynamics of rehabilitative medicine. Prerequisites: EXSS 20200; EXSS 32100 or EXSS 34200 or EXSS 30200; Junior standing. (F, Y)
Attributes: 1, SS
3 Credits

EXSS 43000 Seminar in Athletic Training (NLA)

Seminar for senior students majoring in athletic training, intended to expand and reinforce learning that has taken place in previous core courses. Major topics include contemporary issues, athletic training administration, budget management, facility design, protective equipment, injury evaluation, modality operation, and treatment and rehabilitation programs. Prerequisites: EXSS 25600; senior standing in athletic training/exercise science. (F-S,Y)
3 Credits

EXSS 43100 Medical Aspects of Athletics (NLA)

A course to familiarize athletic training/exercise science majors with medical illnesses and nonorthopedic problems that affect athletes. Prerequisites: Senior standing in athletic training/exercise science. (S,Y)
1 Credit

EXSS 43200 Orthopedic Perspectives on the Shoulder and the Knee (NLA)

The orthopedic examination of the shoulder and knee, including the orthopedic decision-making process for shoulder and knee disorders. Various procedures and the rationale for rehabilitation protocols are addressed. Provides hands-on experience in laboratory sessions. Pass/fail only. Prerequisites: Senior standing in athletic training/exercise science. (S,Y)
1 Credit

EXSS 43600 Sport and Exercise Counseling (LA)

An introduction to the sport counseling process and to the various performance issues related to counseling student-athletes. Students will develop a strong base of knowledge related to the counseling process and will have multiple opportunities to practice counseling skills in role-playing and small group formats. Topics include the need for counseling, stereotypes and biases, the counseling process, attending and listening, empathy, helping athletes tell their stories, brief counseling, and various topics and concerns that arise when counseling student-athletes from different populations. The course will be taught via lecture, large- and small-group discussions, role-playing, and modeling. Prerequisites: EXSS 30200, senior standing. (S,Y)
3 Credits

EXSS 44700 Pathophysiology, Limited Capacity and Exercise (NLA)

Study of the pathophysiology of disease or disabling states, the assessment of exercise potential, and the special considerations for prescription of exercise in these cases. Special emphasis is placed on discussion of phase I and phase II cardiac rehabilitation, diabetic patients, pulmonary disease, and working with older adults with limited functional capacity. Additional special populations are discussed as time permits. Material is geared to the learning objectives of the American College of Sports Medicine's exercise specialist certification. Prerequisites: EXSS 24600; EXSS 26200; EXSS 32100. (S,Y)
3 Credits

EXSS 45000-45100 Independent Study in Exercise and Sport Sciences (LA)

Individual study program for the investigation of special issues or topics in the field of exercise or sport science that have such breadth of cultural or psychological material, such rigor and depth of theoretic structure, or such play of broad intellectual and aesthetic themes as to be classified as liberal arts. Arranged individually between student and faculty sponsor according to guidelines available from the department. Prerequisites: Major or minor in the Department of Exercise and Sport Sciences; permission of department chair. (F-S,Y)
0.5-3 Credits

EXSS 45500 Senior Internship in Athletic Training (NLA)

Provides a supervised clinical experience opportunity for senior AT majors. Relevant clinical experiences must include exposure to upper extremity, lower extremity, and equipment intensive, and general medical experiences of both genders. A minimum of 60 experiential hours per credit is required. Each student is required to take four credits of this course obtaining a minimum of 240 practical hours, and a minimum of 120 of these hours must be attained under the supervision of an approved clinical instructor. These clinical experiences must be approved by the athletic training clinical coordinator prior to registration. May be repeated up to four credits. Pass/fail only. Prerequisite: EXSS 36500, senior standing. (F-S, Su, Y)

1-4 Credits

EXSS 45600 Clinical Experience in Athletic Training VI (NLA)

Supervised practical experience in an athletic training setting at Ithaca College or an affiliated site. A minimum of 60 clock-hours is required, and clinical proficiencies emphasized include administrative aspects of athletic training, presentation of season-ending injury reports as well as case histories. Clinical integration proficiencies (CIP) will be assessed. This course will include the ICC Capstone and will include athletic training major content with the integrative core curriculum and self-reflection of learning outcomes also explored. Students must be athletic training majors. Prerequisites: EXSS 40100, EXSS 43000. (S,Y)

Attributes: CP

1 Credit

EXSS 46000 Internship in Exercise and Sport Sciences (NLA)

Supervised work experience in corporate or clinical exercise settings, amateur and professional sport agencies, and community sport organizations. Student assumes a leadership role in various job-related activities and performs administrative tasks in support of such activities under an experienced agency supervisor and faculty sponsor. Prerequisites: EXSS 34900; permission of department chair. 6-(F-S,Y)

6-12 Credits

EXSS 46400 Cardiopulmonary Assessment for Exercise (NLA)

Addresses techniques for assessment of cardiovascular and pulmonary disease. Emphasis is placed on developing skill in electrocardiography, graded exercise testing, and the assessment of maximal functional capacity. Utilizes assessments in the development of appropriate exercise prescriptions. Material is geared to meet learning objectives of outside certifying agencies. Prerequisites: EXSS 26200; EXSS 32100. (S,Y)

3 Credits

EXSS 46600 Administration, Mentoring, and Professional Preparation (NLA)

Provides opportunities to develop administrative and leadership skills. Emphasis is on appreciation for excellent leadership, staffing, equipping, and operations of a fully-functioning human performance facility. Majority of learning occurs by leading and working with apprentice students (i.e., underclass) in the program and through the completion of a project that allows the student to design their own facility. Preparation for external certification is emphasized. Prerequisites: EXSS 38200, EXSS 38400, EXSS 38500; and senior standing. (F-S,Y)

3 Credits

EXSS 46700 Practicum in Clinical Exercise and Wellness III (NLA)

A practice-based course emphasizing assessment of cardiovascular capacity and heart health through practical experiences in graded exercise testing. Highlights understanding electrocardiography, test protocol, utilizing results to guide exercise programming, and safety. Students initially collect data on classmates and ultimately work with Clinic clients. Majority of learning occurs in full-functioning Wellness Clinic and laboratory settings. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 46400; EXSS 27200 or EXSS 38200. Only open to students in Clinical Exercise & Wellness concentration. (F-S,Y)

1 Credit

EXSS 47000 Applied Practice in Strength and Conditioning (NLA)

This course enhances students understanding of strength and conditioning service provision through applied practice. Students will assist the Ithaca College Department of Athletics Strength and Conditioning Program in the delivery of support services to varsity athletes. Areas of support may include performance testing, program design, exercise leadership, reflective practice and athlete / coach education. The objective is to observe closely, and have some supervised experiences in the daily operations and special functions of the Strength and Conditioning Department. A clear focus for internship planning should be developed during this fieldwork. Prerequisites: EXSS 26500, EXSS 38400 and EXSS 38500. (F,Y)

1 Credit

EXSS 47300 Internship: Strength and Conditioning (NLA)

A practical learning experience in a setting using exercise for athletic performance enhancement. Sites for internships include strength and conditioning programs in private, university and professional settings. Students are involved with the daily operations of the agency. Prerequisites: EXSS 46600; a minimum GPA of 2.50 in specific major requirements; permission of the exercise science coordinator. (F,S,Y)

Attributes: CP

6-12 Credits

EXSS 47400 Internship: Clinical Exercise and Wellness (NLA)

A practical learning experience in a setting using exercise for rehabilitation purposes, disease prevention, or wellness promotion. Sites such as hospitals, clinics, corporate fitness centers, wellness clinics, and community-based facilities are typical. Students are involved with the daily operations of the agency. Prerequisites: EXSS 46600; a minimum cumulative GPA of 2.75 with a minimum GPA of 3.00 in specific major requirements; permission of the exercise science coordinator. (F,S,Y)

Attributes: CP

6-12 Credits

EXSS 47500 Research Team I: Exercise and Sport Sciences (LA)

First semester of capstone research experience involving synthesis of a research question, development of appropriate experimental design, as well as data collection, analyses, interpretation, and result dissemination by teams of students under the direction of one or more faculty members. Prerequisites: EXSS 37500. (F,Y)

Attributes: UND

3 Credits

EXSS 47600 ICC Capstone in EXSS (NLA)

This course will provide exploration and self-reflection upon the relationship between the Ithaca College core curriculum courses and its application to the field of Exercise Science. Emphasis on the creation of a reflective artifact that demonstrates the changes that have occurred as a result of the ICC experience inside and outside the study of exercise science. Prerequisites: Senior standing, permission of instructor. (S,Y) Attributes: CP
0 Credit

EXSS 47700 Research Team II (LA)

Second semester of capstone research experience involving data collection, analysis, interpretation, and result dissemination by teams of students under the direction of one or more faculty members. Prerequisite: EXSS 47500; (S,Y) Attributes: CP
3 Credits

Finance (FINA)

FINA 10301 Fun with Investments (NLA)

Mini-course covering the fundamentals of investing, particularly in equities and fixed-income securities. Basic concepts and principles of investing, security pricing, and risk vs return. (B,F,S,Y)
1.5 Credits

FINA 10302 Minicourses in Finance (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)
1.5 Credits

FINA 10400-10402 Mini-courses in Finance (NLA)

Block courses on current topics of interest to faculty and students. Prerequisites: As appropriate to topics; This course is not available to students who are currently enrolled in, or who have successfully completed FINA 32100. (Y)
1.5 Credits

FINA 12500 Introduction to Personal Finance (NLA)

A basic personal finance course, dealing with various aspects of individual financial decision making. Introduces financial investments, including stocks, bonds, and mutual funds and an overview of the individual income tax system. The fundamentals of personal financial statements, financing home and auto purchases, retirement planning, estate management, and insurance are also covered. Enrollment limited to non-business students. (Y)
3 Credits

FINA 20300 Financial Markets and Institutions (NLA)

A broad introduction to the structure and operation of the U.S. financial system through examination of the major financial institutions, markets, and instruments that compose it. Emphasis is on the functions and interrelationships of these elements and on identifying various government institutions and regulations overseeing the system. Prerequisites: ECON 12100. (F,S,Y)
3 Credits

FINA 20400-20402 Mini-courses in Finance (NLA)

Block courses on current topics of interest to faculty and students. Prerequisites: As appropriate to topics; This course is not available to students who are currently enrolled in, or who have successfully completed FINA 32100. (IRR)
1.5 Credits

FINA 21000 Personal Financial Planning and Wealth Management (NLA)

The main goal of this course is to provide students with a foundation needed to make important decisions that affect their short- and long-term financial well-being as well as introduce students to concepts relevant to the Wealth Management profession. Students will learn the basic concepts and their applications through several delivery methods, which may include: self-analysis, case studies, and interactive web-based tools. Prerequisites: BINT 10100. (F,S,Y)
3 Credits

FINA 30400-30402 Mini-courses in Finance (NLA)

Block courses on current topics of interest to faculty and students. Prerequisites: As appropriate to topics. (IRR)
1.5 Credits

FINA 31100 Business Finance (NLA)

Foundations of financial theory and techniques of financial decision making; time value of money; bond and stock valuation; ratio analysis; financing decisions; capital budgeting; cost of capital; capital structure; risk and return; dividend policy; operating and financial leverage; working capital management. Prerequisites: ECON 12100 and ACCT 22500. (F-S,Y)
3 Credits

FINA 31500 Real Estate Finance (NLA)

Financing of residential properties (types of loans, underwriting, appraisal, and closing; analysis of income-producing properties), cash-flow identification, tax implications, leverage, and valuation, real estate investment performance, sources of real-estate funding, secondary mortgage markets, and the role of government policies. Prerequisites: FINA 31100; junior standing. (IRR)
3 Credits

FINA 31700 Insurance and Risk Management (NLA)

Study of risk and the risk management process with a major focus on insurance as a risk management tool. Legal principles, institutional aspects, and international issues. Business and personal risk management and government insurance. Corequisites: FINA 31100; junior standing. (IRR)
3 Credits

FINA 32100 Security Analysis and Portfolio Management (NLA)

In-depth study of the techniques used to analyze securities and portfolios. Risk and return trade-off; asset allocation; portfolio selection; diversification; capital asset pricing model; efficient market hypothesis; fixed income securities and equity valuation models; duration; derivative assets. Prerequisites: FINA 31100. (F,S,Y)
3 Credits

FINA 37000 International Finance (NLA)

Study of the conceptual and practical aspects of international finance through in-depth analysis of international financial markets, exchange rate determination, and exchange rate risk exposure and management. Concentration on working capital management and international capital budgeting strategy. Students develop an understanding of the dynamic relationship between exchange rates and fundamental economic variables. Prerequisites: FINA 31100; junior standing. (S,Y)
3 Credits

FINA 37500 Fixed Income Analysis and Portfolio Management (NLA)

The primary purpose of this course is to introduce the basic concepts of fixed income investing as well as various fixed income instruments. Topics covered include: Bond math, the yield curve, fixed income risk management, as well as the role of the economy and interest rates. Students will also work in teams and identify securities to invest in as part of the Fixed Income Portfolio. Prerequisites: FINA 31100. (S,Y)
3 Credits

FINA 38000 Equity Portfolio Management (NLA)

Equity Portfolio Management aims to provide students with the fundamental groundwork needed to manage equity investments in a portfolio setting. Students will learn the necessary skill set through a mixture of managing an actual equity portfolio combined with a focus on business cycles, sector analysis, estimating expected risk and return metrics, and finally equity evaluation. Prerequisites: FINA 32100. (F-S, Y) 3 Credits

FINA 39700 Selected Topics: Finance (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR) 1-3 Credits

FINA 40400-40402 Mini-courses in Finance (NLA)

Block courses on current topics of interest to faculty and students. Prerequisites: As appropriate to topics. (IRR) 1.5 Credits

FINA 40500 Wealth Management (NLA)

The study of wealth management draws on course work from various disciplines. Topics may include fiduciary responsibility, investments, risk and insurance, taxation, and business and property law. Wealth management involves customized and sophisticated solutions dependent on the net-worth and financial objectives of the investor household. Students learn to formulate and implement appropriate plans for the accumulation, conservation and transfer of a client's personal wealth, dependent on specific client situations. Prerequisites: FINA 21000; FINA 32100. (F,Y) 3 Credits

FINA 41900 Speculative Markets (NLA)

In-depth analysis of options and option markets. Review of put and call options, option pricing formulas, and option strategies. Discussion of new developments such as interest rate options and options on future contracts. Second half focuses on the futures market, pricing the commodity futures and financial futures, and optimal hedging strategies based on futures. Prerequisites: FINA 31100; FINA 32100; junior standing. (IRR) 3 Credits

FINA 42000 Alternative Asset Management (NLA)

Teaches advanced finance students about the Alternative Investment Industry as well as the products and investments used in this area of investment. In depth analysis will be performed to fully evaluate such vehicles as hedge funds, private equity, commodities, and real estate. Prerequisites: FINA 32100. (F,S,Y) 3 Credits

FINA 47000 Financial Analysis and Forecasting (NLA)

An advanced finance elective that examines applied financial research and analysis in great depth. Topics covered include advanced financial analysis including ratio analysis, valuation methods, discount rates, as well as econometric techniques applied to financial research and forecasting. TSP, an econometric software, is used in some homeworks and project. Prerequisites: FINA 32100; senior standing. (IRR) 3 Credits

FINA 48000 Advanced Business Finance (NLA)

A capstone course in finance that combines theories of financial management with practical application through case analysis. Financial theories with respect to risks and returns, capital structure and cost of capital, optimal capital budget, short- and long-term financing decisions, and other topics concerning multinational financial management. Students may be required to write and present analyses of cases in the class. Prerequisites: FINA 32100. (F,Y) 3 Credits

FINA 49700-49702 Selected Topics in Finance (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR) Attributes: UND 1-3 Credits

FINA 49800 Internship with Academic Enhancement (NLA)

Off-campus experience involving varied, nonroutine work projects designed to allow students to synthesize academic theory with real-world operations of an organization. Primary responsibility is on the student to develop a project proposal and then carry out its requirements in conjunction with a faculty sponsor. Internship credit falls under the business elective category in the degree requirements. A maximum of may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Prerequisites: Senior standing; completion of appropriate principles course; a minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W) 1-6 Credits

FINA 49900 Independent Study: Finance (NLA)

This course allows students to work with faculty on an individual basis, focusing on a topic of interest to both the student and faculty. The content of the course, coverage, delivery format, and the method of determining grades will be mutually agreed upon and must be included in the course proposal submitted along with the independent study form for approval by the dean. Guidelines are available in the School of Business dean's office. A variable amount of credit may be earned toward the degree. Students must have a 3.00 cumulative grade point average and must have completed at least in the subject matter. Prerequisites: Dean permission. (B,IRR,U,Y) 1-3 Credits

French (FREN)

FREN 10100 Elementary French I (LA)

Beginning course. Practice in understanding, speaking, reading, and writing simple idiomatic French in the context of French and francophone cultures. Emphasizes participation and self-expression. Open to students with no previous French, or by placement examination. (F,S,Y) Attributes: 3A, G, HM, HU, TIDE 3 Credits

FREN 10200 Elementary French II (LA)

Continuation of FREN 10100. Limited to students who have successfully completed FREN 10100 with a grade of C- or better, or by placement examination. Prerequisites: FREN 10100, or equivalent. (F,S,Y) Attributes: 3A, G, HM, HU, TIDE 3 Credits

FREN 20100 Intermediate French I (LA)

Develops intermediate-level proficiency in speaking, listening, reading, and writing French. Special emphasis is given to French culture.

Prerequisites: FREN 10200 with a grade of C- or better. (F,S,Y)

Attributes: G, HM, HU, TIDE

3 Credits

FREN 20200 Intermediate French II (LA)

Continuation of FREN 20100. Develops intermediate-level proficiency in speaking, listening, reading, and writing French. Special emphasis is given to French culture. Prerequisites: FREN 20100 with a grade of C- or better. (F,S,Y)

Attributes: G, HM, HU, TIDE

3 Credits

FREN 20300 French Intermediate Conversation (LA)

A conversation course for students at or above the intermediate level who want to maximize their conversational skills. May be repeated for a total of two credits. Prerequisites: FREN 10200. (IRR)

Attributes: HU

1 Credit

FREN 29900 Independent Study: French (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: Permission of instructor and chairperson. (IRR)

Attributes: UND

1-3 Credits

FREN 30100 Conversational French and Written Communication (LA)

Conversation-based course dedicated to developing spoken and written communication skills at the third-year level. Reading and discussion of contemporary material; regular practice of writing, including editing and correction of text. Prerequisites: FREN 20200 with a grade of C- or better, or language placement test. (IRR)

Attributes: 3A, CCCS, G, HU

3 Credits

FREN 31200 French Literature in Translation (LA)

Study of the principal works of major French writers. Readings and all class activities are in English. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: 3A, CTE, G, HU

3 Credits

FREN 31300 Introduction to French Literature (LA)

A study of representative texts in French literature in all genres.

Prerequisites: FREN 30100 (may be taken concurrently). (IRR)

Attributes: 3A, G, HU

3 Credits

FREN 32200 Advanced French Grammar Through Creative Writing (LA)

Advanced study of French grammar, with an emphasis placed on creative writing, including register, genres, and style. Prerequisites: FREN 20200 or by placement exam. (IRR)

Attributes: CCCS

3 Credits

FREN 32300 French Phonetics (LA)

Intensive practical phonetics for American speakers of French. Emphasis is placed on correct pronunciation, orthography, and understanding of contemporary dialects. Prerequisites: FREN 30100. (IRR)

Attributes: HU

3 Credits

FREN 34300 The Evolution of French Civilization (LA)

Study of how concrete elements of French civilization, key figures, government, society, ideas, literature, and the arts evolved from prehistoric times to the 20th century. Taught in French. Prerequisites:

FREN 30100. (IRR)

Attributes: G, H, INBG

3 Credits

FREN 34400 Contemporary French Culture (LA)

Exploring modern France and francophone countries from a total culture point of view: geography, politics, and economy, as well as literature, sciences, music, cinema, gastronomy, and the arts. Taught in French.

Prerequisites: FREN 30100 (or equivalent with permission of instructor). (F,E)

Attributes: G, H

3 Credits

FREN 34500 Francophone Literature (LA)

An introduction to the literature of French expression originating outside France. Discussions will focus on colonization, post-colonization, religion (Christianity, Islam, Judaism, animism), gender, and ethnicity.

Prerequisites: FREN 30100, or equivalent. (IRR)

Attributes: HU

3 Credits

FREN 35500 French Translation in Practice (LA)

Practical introduction to the world of translation and its relationship to culture and ethics through the analysis and translation of literary and non-literary texts (articles, brochures, documents) from French into English. Prerequisite: One 30000-level French course or permission of instructor. (IRR)

3 Credits

FREN 36700 French for Professional Communication (LA)

In this course students gain familiarity with spoken and written expression necessary to conduct business in France. Topics covered include the French and Francophone economy, French and Francophone business practices, human resources, marketing, professional translation, and intercultural communication. Prerequisites: FREN 20200. (IRR)

3 Credits

FREN 37700 Selected Topics in French Literature and Culture (LA)

Study of a genre, time period, group of authors, or single major writer. May be repeated up to nine credits when topics vary. Taught in French.

Prerequisites: FREN 30100 or by placement exam. (IRR)

Attributes: HU, WGSC

3 Credits

FREN 39900 Independent Study: French (LA)

Individual research, study, and/or writing on particular topics supervised by a member of the department. Offered on demand only. Prerequisites: FREN 30100; permission of instructor and chairperson. (IRR)

Attributes: UND

1-3 Credits

FREN 40100 French Medieval and Early Modern Literature and Culture (LA)

An exploration of the culture of Medieval, Renaissance, and Early Modern France, through the lens of literature. Key themes include courtly literature and feudal society; Renaissance, the humanities and the invention of modern grammar; religious struggle and the emergence of centralization of power; and, absolute monarchy and classic theatre.

Most selections will be read in modern French. Prerequisites: At least one FREN course at the 300 level, except for FREN 31200; or placement exam. (IRR)

3 Credits

FREN 45100 Nineteenth- and Twentieth-Century French Literature (LA)

Study of representative works. Prerequisites: FREN 30100 or equivalent with permission of instructor. (IRR)

Attributes: HU, WGS, WGS3, WGS1

3 Credits

FREN 47700 Seminar: Readings in French Literature (LA)

Selected themes or topics in French literature. May be repeated for credit when topics vary. Prerequisites: Permission of instructor. (IRR)

Attributes: HU

1-3 Credits

FREN 49900 Independent Study: French (LA)

Individual research, study, and/or writing on particular topics supervised by a member of the department. Offered on demand only. Prerequisites: Permission of instructor and chairperson. (IRR)

Attributes: UND

1-3 Credits

General Business (GBUS)

GBUS 20300 Legal Environment of Business I (NLA)

Introduction to the American legal system and the legal environment in which businesses operate. Topics covered include the judicial process; constitutional law and issues of discrimination and diversity; criminal law; intentional torts and negligence; product liability; the law of contracts; and selected current topics in law. Emphasis is on case analysis, including the social, ethical, political, and economic considerations of the impact of law on business and society. Emphasis is also placed on the application of legal concepts to solve problems.

Prerequisite: Sophomore standing. (F-S,Y)

3 Credits

GBUS 20400 Legal Environment of Business II (NLA)

Continuation of GBUS 20300 Legal Environment of Business. This course focuses on business organizations and the regulation of business.

Topics covered include agency and issues in employment law, forms of business organizations, partnerships, corporations, securities regulation, environmental law, antitrust law, corporate social responsibility, the Uniform Commercial Code, debtor-creditor relations, and selected current topics in law. Emphasis is on case analysis, including the social, ethical, political, and economic considerations of the impact of law on business and society. Emphasis is also placed on the application of legal concepts to solve problems. Prerequisites: GBUS 20300; sophomore standing. A student cannot receive credit for both GBUS 20400 and GBUS 30700.

(S,Y)

3 Credits

GBUS 30700 Commercial Law (NLA)

In-depth analysis of the commercial law. Topics include Uniform Commercial Code (UCC) Article 2: sales contracts and risk of loss issues; Article 3: negotiable instruments and the holder-in-due-course doctrine; Article 6: bulk transfers; Article 9: secured transactions; bankruptcy; creditor and debtor rules; mortgages; liens; principals and agents; antitrust legislation; special corporation topics, such as LBOs and insider trading; liability of corporate officers and directors; and ethical considerations. Prerequisites: GBUS 20300; junior standing. Previously titled Business Law II (Accounting). A student may not receive credit for both GBUS 30700 and GBUS 20400. (S,Y)

3 Credits

GBUS 31000 International Business Law (NLA)

An analysis of commercial law in an international context. Topics covered include major national and international trade regulations; international sales, credits, and commercial transactions; resolution processes for international disputes; U.S. trade law; import and export laws; GATT; and the regulation of the international marketplace. Emphasis is on the application of legal concepts to solve problems. Prerequisites: GBUS 20300; junior standing. (S,Y)

Attributes: LMAL

3 Credits

General Communications (GCOM)

GCOM 10001-10010 Park Scholar Program Special Topics (LA)

Exploring various topics of interest to the field of media studies, this seminar develops the Park Scholar Program's first-year class into a learning community fluent in debates surrounding contemporary issues in communications studies. Open only to Park Scholars. Prerequisites: Permission of instructor. (F)

1 Credit

GCOM 10107 FLEFF: Mapping our Worlds (LA)

Maps can both reveal new territories and hide old secrets, show us multiple views of the world and also chronicle the havoc we wreak. In conjunction with the Finger Lakes Environmental Film Festival and using the "Atlas" works of Rebecca Solnit as our guide, this course will focus on the layered geographies and mappings of the Finger Lakes. Students will be encouraged to blend genres and media to complicate what we think we see and know about this region. As the semester ends, students will "map" a terrain of their choosing as they examine their relationship to a particular place.

1 Credit

GCOM 12500 Safety Training for Film and Video Production (NLA)

Covers film and television industry standards for safety including studio, location, electrical, weapon, lighting, tool, grip, rigging, pyrotechnics, special effects, and environmental safety, as well as other areas as practices and technology evolve. Includes safe practices for working around roadways and traveling to and from location shoots. Online only. Pass/fail. (F-S)

0-1 Credits

GCOM 13000 Spark: Igniting your Future in Communications (NLA)

An exploration of the important themes, radical creative/economic transformations, and disruptive technologies that impact the study and practice of communications. Using a problem-based learning approach, students are exposed to realworld challenges that influence all of the communications disciplines and professions, such as global and virtual enterprises, intellectual property, control and manipulation of information, imagery, and media channels, social and usergenerated media, and emerging economic models. Through discussions and case studies with guest speakers, students will gain an expanded understanding of current realities, interdisciplinary intersections, and future opportunities so that they can better plan their academic experience. Open only to freshmen majors in the Roy H. Park School of Communications and all freshmen in the B.S. in Emerging Media. (F)

1 Credit

GCOM 20100 Water Planet: Perspectives on Water Sustainability (LA)

Understand perspectives on water sustainability issues through an interdisciplinary approach with guest experts in the arts, sciences and humanities. Explore water sustainability topics from the personal to the global through readings, activities, discussion and media analysis.

Prerequisites: Sophomore standing. (IRR)

Attributes: 1, G, HM, HU, SS, TPJ, TQSF

3 Credits

GCOM 23928-29327 Minicourses in Communications (LA)

A series of short courses in specialized areas of communications that meet the College guidelines for liberal arts designation. Visiting lecturers and faculty of the school participate in areas of their expertise.

May be repeated. Prerequisites: Vary depending on the topic; refer to Undergraduate Course Offerings each semester. Pass/fail. (IRR)

1-2 Credits

GCOM 32600 Media Industries (NLA)

Introductory overview of media and media-related industries (film, television, radio, corporate communications, sound recording, journalism, advertising, and public relations), with an emphasis on the interrelationship between the corporate and economic structures of the Hollywood system and media production. The course combines lectures, classroom exercises, and panel discussions with creative and corporate professionals currently working in the industry. Prerequisites: Junior standing. (Offered in Los Angeles F-S)

1 Credit

GCOM 41200-41210 Selected Topics (LA)

Exploration and analysis of a specific area of communication. Topics vary based on student demand and on faculty expertise and research interest. Course content and pedagogical methods meet College guidelines for liberal arts designation. May be repeated once. Not a production course. Total number of credits in any combination of TVR 41200, TVR 41210, GCOM 41200, GCOM 41210, STCM 39000, and STCM 39010 may not exceed 6. Prerequisites: Junior standing; others vary depending on the topic. Refer to Undergraduate Course Offerings each semester. (IRR)

3 Credits

GCOM 43000 Connecting the Dots: General Education Integration (NLA)

Explores the connections between the components of the general education core and students' major requirements. Students critically analyze their academic experience and other cocurricular and professional activities through online discussion of their overall college experience and how it connects to their majors and career aspirations. In addition, students will produce an extended reflective essay, or other appropriate artifact, that will be included as the framing element of their e-portfolio. This course is only open to majors in the Park School of Communications. Prerequisites: senior standing. (F,S)

Attributes: CP

1 Credit

German (GERM)

GERM 10100 Elementary German I (LA)

Beginning course. Practice in understanding, speaking, reading, and writing simple idiomatic German with special attention to German culture. Emphasizes participation and self-expression. Open to students with no previous German, or by placement examination. (F,Y)

Attributes: 3A, G, HM, HU, TIDE

3 Credits

GERM 10200 Elementary German II (LA)

Continuation of GERM 10100. Limited to students who have successfully completed GERM 10100 with a grade of C- or better, or by placement examination. Prerequisites: GERM 10100, or equivalent. (S,Y)

Attributes: 3A, G, HM, HU, TIDE

3 Credits

GERM 15100 Elementary German for Reading Knowledge (LA)

Emphasis is placed on rapid development of reading skills; principles of German grammar and their application to reading comprehension; extensive reading in German culture and literature. (IRR)

Attributes: HU

3 Credits

GERM 20100 Intermediate German I (LA)

Develops intermediate-level proficiency in speaking, listening, reading, and writing German. Special emphasis is given to German culture.

Prerequisites: GERM 10200 with a grade of C- or better. (F,Y)

Attributes: G, HM, HU, TIDE

3 Credits

GERM 20200 Intermediate German II (LA)

Continuation of GERM 20100. Develops intermediate-level proficiency in speaking, listening, reading, and writing German. Special emphasis is given to German culture. Prerequisites: GERM 20100 with a grade of C- or better. (S,Y)

Attributes: G, HM, HU, TIDE

3 Credits

GERM 25000 History of German Film (LA)

A study of the principal films of major German directors. This class will cover the complete history of German film, from early silent cinema to contemporary films. Emphasis is given to the historical and cultural context of each film, as well as the film's relationship to questions of German identity. Readings include historical as well as theoretical texts. Conducted in English. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: 3B, CA, CTE, G, HM, HU, SCE, TIDE

3 Credits

GERM 25200 German Literature in Translation (LA)

Study of principal works of major writers and representative works of various periods. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: CTE, HU

3 Credits

GERM 27500 Twentieth-Century German Intellectual Thought (LA)

A study of the principal currents of 20th-century German intellectual thought, with particular emphases on the relationship of the individual to society and on Marxist theories of art and popular culture. Readings include Freud, Heidegger, Benjamin, Adorno, and Habermas. Conducted in English. Prerequisites: Sophomore standing. (IRR)

Attributes: HU

3 Credits

GERM 29900 Independent Study: German (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: Permission of instructor and chairperson. (IRR)

Attributes: UND

1-3 Credits

GERM 30100 Spoken and Written Communication in German I (LA)

Developing spoken and written communication skills at the third-year level. Reading and discussion of contemporary material. Writing practice. Laboratory exercises. Prerequisites: GERM 20200 with a grade of C- or better, or equivalent. (F,Y)

Attributes: 3A, CCCS, G, HU

3 Credits

GERM 30200 Spoken and Written Communication in German II (LA)

Developing spoken and written communication skills at the third-year level. Reading and discussion of contemporary material, writing practice, and laboratory exercises. Prerequisites: GERM 30100, or equivalent. (S,Y)

Attributes: 3A, CCCS, G, HU

3 Credits

GERM 31200 Advanced German Grammar and Composition (LA)

Advanced study of German grammar, with an emphasis placed on composition. Prerequisites: GERM 20200 with a grade of C- or better (or equivalent with permission of instructor). (IRR)

Attributes: HU

3 Credits

GERM 31800 Contemporary German Culture Through Film (LA)

Explores German culture and society through contemporary cinema. Students will also gain more practice in skill areas of reading, writing, speaking, and comprehension of German language. Prerequisite:

GERM 20200 with a grade of C- or higher. (IRR)

Attributes: HU, INBG

3 Credits

GERM 32300 German Oral Practice (LA)

Extensive oral practice using selected topics as a basis for conversation, discussion, and presentations or short talks. Prerequisites: GERM 20200 with a grade of C- or better. (IRR)

Attributes: 3A, G, HU

3 Credits

GERM 34100 German Cultural History (LA)

Study of the civilization and culture of Germany and other German-speaking countries. Usually taught in English. Prerequisites: Sophomore standing; permission of instructor. (S,E)

Attributes: G, HU, INBG

3 Credits

GERM 35500 German Translation in Practice (LA)

Practical introduction to the world of translation and its relationship to culture and ethics through the analysis and translation of literary and non-literary texts (articles, brochures, documents) from German into English. Prerequisite: One 30000-level German course or permission of instructor. (IRR)

3 Credits

GERM 36500 Masterworks in German (LA)

Study of selected literary works of significant writers of the 18th, 19th, and 20th centuries. Taught in German. Prerequisites: One level-3 German course taught in German, or equivalent. (F,O)

Attributes: 3A, G, HU

3 Credits

GERM 38100-38200 German Conversation and Culture (LA)

Concentration on the use of language in oral communication. Readings and discussion to focus on areas of German civilization and culture with attention to art, literature, music, geography, history, social structures, and folk and popular culture. Taught in German. May be repeated when topics vary. Prerequisites: One level-3 course taught in German, or equivalent. (S,E)

Attributes: CCCS, G, HU, INBG

3 Credits

GERM 39300 Selected Topics in German Literature (LA)

Study of a genre, time period, group of authors, or single major writer. Taught in German. May be repeated two times each, for a total of twelve credits, when topics vary. Prerequisites: Two German courses at level 3. (S,E)

Attributes: 3A, G, HU

3 Credits

GERM 39400 Selected Topics: German Literature (LA)

Study of a genre, time period, group of authors, or single major writer. Taught in German. May be repeated two times each, for a total of twelve credits, when topics vary. Prerequisites: Two German courses at level 3. (S,E)

Attributes: 3A, G, HU

3 Credits

GERM 39900 Independent Study: German (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: Junior standing; permission of instructor and chairperson.

Attributes: HU

1-3 Credits

GERM 47100 Seminar in German (LA)

Study of a selected topic or author in German literature or culture. May be repeated for credit when topics change each year. Taught in German. Prerequisites: Two German courses at level 3; senior standing. (IRR)

Attributes: HU

3 Credits

GERM 47200 Seminar: German (LA)

Study of a selected topic or author in German literature or culture. May be repeated for credit when topics change each year. Taught in German. Prerequisites: Two German courses at level 3; senior standing. (IRR)

Attributes: HU

3 Credits

GERM 49900 Independent Study: German (LA)

Individual research, study, and writing on particular topics, supervised by a faculty member of the department. Offered on demand only. Prerequisites: GERM 30100-30200, GERM 39300, or GERM 39400; permission of instructor and chairperson.

Attributes: UND

1-3 Credits

Gerontology (GERO)

GERO 10100 Introduction to Aging Studies (LA)

Introduction to the broad spectrum of issues involved in the study of aging. Biological, psychological, and sociological concerns, in addition to services for the elderly, are presented in survey fashion. Field trips, lectures, discussions, and demonstrations comprise the instructional methods. (F-S,Y)

Attributes: 1, SS

3 Credits

GERO 12000 Aging by the Numbers (LA)

Using quantitative data, explores aging-related topics such as cultural stereotypes, the demography of aging, and the financing of retirement. Focuses on developing understanding of different research methods and awareness of the promise and limits of quantitative data for understanding people's lives. (Y)

Attributes: QL

3 Credits

GERO 13000 The Journey of Aging (LA)

Explores the impact of aging on mind, body, and spirit, as well as contemporary responses to the possibilities and challenges of aging, with a focus on aging as a universal journey that affects all areas of life. Includes service learning with elders in the community. (Y)

Attributes: SO, TMBS

3 Credits

GERO 19501 Age Matters: Discovering the Possibilities beyond Midlife (LA)

Explores the intersections of age and identity in a variety of contexts, including the treatment of elders in modern culture. Examines the demographic and cultural forces shaping the period between retirement and disability. We examine our own beliefs and values as they relate to age and engage in service learning with elders in the community. (Y)

Attributes: 1, SL, SO, SS, TIDE

3 Credits

GERO 20500 Gerontological Inquiries (LA)

Building on the basics of gerontology, this course develops students' ability to operationalize the social world in gerontological terms by introducing research methods in the discipline. Students learn how to write a social science research paper, including how to write a literature review. Prerequisites: Any 10000-level gerontology course. Open to aging studies Majors only. (Y)

1 Credit

GERO 21000 Health and Aging (LA)

Examines the health status of older adults in the U.S. and the impact it has on longevity and quality of life in the later years. Includes factors that affect the health and longevity of older Americans, health challenges in later life, prevention and health promotion, the need for culturally competent health care for older adults, and end of life choices and issues. Explores how U.S. health policy and the health care system affect the lives of older adults. Prerequisites: One 10000-level GERO course or HLTH 11300. (S,O)

Attributes: SS

3 Credits

GERO 22000 Sociology of Aging (LA)

This course presents the prominent sociological theories and research about aging and the ways in which the experience of aging is socially constructed. Cross-listed with SOCI 22000. Students may not receive credit for both SOCI 22000 and GERO 22000. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (F,Y)

Attributes: DV, SS

3 Credits

GERO 23000 Memory Loss and Aging: Myths and Realities (LA)

Memory loss has become one of the most feared stereotypes of aging. This course contrasts normal age-related changes in the brain with the effects of diseases that cause cognitive impairment. Prevalence, incidence, symptoms, causes, treatment, and caregiving issues are discussed, with emphasis on the history and personal, social, cultural, political, and economic impacts of Alzheimer's disease, which affects millions of older adults in the United States. Prerequisites: One 10000-level GERO course. (S,E)

3 Credits

GERO 25000 Lifespan Creativity (LA)

Examines the meanings and uses of creativity across the lifespan utilizing a variety of perspectives. Combines reading and discussion of academic literatures on creativity with experiential learning in the community. Prerequisites: Sophomore standing. (F,E)

Attributes: SO, SS, TIII

3 Credits

GERO 29010 Fieldwork in Gerontology (NLA)

Fieldwork gives students firsthand experience working and socializing with the elderly. Under the supervision of a trained professional within an organization in the Ithaca area, students engage in work activities, including direct service to the aged, as well as service to the host agency. An integrated series of seminars provides students with the context to better understand the needs of the community-based elderly, as well as the local, state, and national resources available and not available to meet those needs. Prerequisites: One 100-level GERO course. (F,S,Y)

1-3 Credits

GERO 29100 Field Placement in Gerontology (NLA)

Provides students the opportunity to interact with elders under the supervision of the sponsoring agency, and a gerontology faculty member. Placements are arranged individually. Students must complete the H&S internship application process. This course may be repeated for a total of three credits. Prerequisites: Sophomore standing, permission of instructor. (IRR).

1-3 Credits

GERO 31900 Aging and Social Policy (LA)

Examination of contemporary public health and social policies and programs that affect the well-being of older adults. The scope of these programs and policies, their historical development, and likely changes are explored. Prerequisites: One 20000-level GERO course. (S,Y)

Attributes: CNSL, DV

3 Credits

GERO 32500 The Long-Term Care System (LA)

Exploration of the continuum of long-term care services available in the United States. Examination of issues of access and financing; the combination of housing and services for disabled older adults; and challenges to the provision of a range of quality long-term care options. Prerequisites: One 20000-level GERO course. (F,O)

Attributes: CNSL, SS

3 Credits

GERO 37000 Counseling the Older Adult (LA)

Combines theory about and practice of basic counseling skills with information about issues faced by older adults and their families.

Analyzes the lives of today's older adults within the frameworks of social institutions and race, class, and gender. Prerequisites: One 10000-level sociology course or one 10000-level GERO course; at least one of the following: GERO 22000, SOCI 30800, SOCI 30900, PSYC 36600, ANTH 34000, RLS 23800, HLTH 24000. (S,E)

Attributes: CNSL, SS

3 Credits

GERO 38000 End-of-Life Issues (LA)

Broad overview of basic concepts and psychosocial issues related to the meaning of loss and death, the process of death, and the experience of grieving. Consideration of health care practices along with community resources. Real-world topics and controversial issues explored through combination of lectures, hands-on activities, and field trips. Prerequisites: One 10000-level GERO course; junior standing. (S, E)

Attributes: CNSL, SS

3 Credits

GERO 38900 Selected Topics in Applied Gerontology (NLA)

Exploration, in a lecture or seminar format, of a professional or practical aspect of gerontology. Topics vary based on current trends and student and faculty interests. May be repeated for credit for different selected topics. Offered for depending upon the issue and the time required to adequately address the topic. Prerequisites: One 20000-level GERO course. (IRR)

1-3 Credits

GERO 39900-39905 Selected Topics in Social Gerontology (LA)

Exploration, in lecture or seminar format, of a specific area of social gerontology. Topics are based on current trends and student and faculty interests. May be repeated for credit for different selected topics. Offered for depending upon the issue and time required to adequately address the topic. Prerequisites: One 20000-level GERO course. (IRR)

1-3 Credits

GERO 40100 Gerontology Internship (NLA)

Provides a structured, intensive learning experience in an organization dedicated to research, planning, policymaking, or service provision for older adults. Supervision is provided by an on-site professional preceptor. Students are required to submit periodic written field reports, as well as a final internship experience report. Course may be repeated for a total of four credits. Prerequisites: GERO 29010; GERO 31900; Aging Studies major; permission of instructor. Pass/fail only. (Y)

0-4 Credits

GERO 48000 Gerontology Senior Seminar (LA)

This capstone experience provides a structured opportunity for gerontology majors to integrate knowledge and experience from coursework and internships as they explore a variety of theoretical and professional issues in gerontology. Prerequisites: GERO 31900; GERO 40100; senior standing; WRTG10600 or ICSM108XX or ICSM118XX. (S,Y)

Attributes: CP, SS, WI

3 Credits

GERO 49900 Independent Study (LA)

Individual research and writing on a particular area in gerontology, supervised by a faculty member in the gerontology program.

Prerequisites: Permission of instructor. (F-S,Y)

1-4 Credits

Health (HLTH)

HLTH 10200 Medical Terminology (NLA)

The language of medicine is explored through study of the structure, use, and pronunciation of medical terms used to describe human anatomy, disease conditions, diagnostic tests, and treatment methods. (F-S,Y)

Attributes: HE1

3 Credits

HLTH 11000 War, Hunger, and Genocide: An International Health Perspective (LA)

An investigation of the cost – human and economic – of organized violence, including genocide, and the efforts being made to ameliorate or eliminate the devastation. Particular emphasis is placed on the role that can be played by health care professionals who believe that war may be a preventable phenomenon that can be eradicated by traditional public health methods that have triumphed over other major health problems in the past. (F,Y)

Attributes: AN2, AN3, DV, HE1, HM, LSCO, SO, TPJ, TQSF

3 Credits

HLTH 11300 Personal Health (LA)

Designed to provide expert knowledge about health and health care that is available to the individual. Emphasizes wellness and health promotion in areas that concern students such as exercise, stress, nutrition, weight management, contraception, intimate relationships, HIV infection, drugs, and alcohol. Prerequisites: Freshman or sophomore standing. (F-S,Y)

Attributes: 1, HE1, NS, SC, SO, TE, TIDE, TMBS

3 Credits

HLTH 11700 Foundations of Public Health (LA)

Introductory course that explores the evolution of public health; core and essential functions of public health; current public health policy issues; typical public health careers and responsibilities; and the role of public trust and ethics in public health. Prerequisites: Freshman standing or permission of the instructor. (F,S,Y)

Attributes: SO, TWOS

3 Credits

HLTH 12200 Emergency Health Care (NLA)

Provides emergency health care instruction in cardiopulmonary resuscitation and first aid. This course is strongly recommended for anyone interested in coaching, teaching, or camping. Successful completion of this course can result in American Red Cross certification in cardiopulmonary resuscitation and basic life support and standard first aid. (F-S,Y)

1 Credit

HLTH 13000 Healthy Viewings: Media, Medicine, and Health (LA)

Representations of medicine and health in popular culture. The meanings of these representations are studied in relationship to the building of stereotypes, development of policies, and framing of arguments in public discourse. Course includes extensive screening of examples from the media. (IRR)

3 Credits

HLTH 13901 Technology for the Professional Edge (LA)

Integration of instructional, communication, assessment, and computer concepts and skills necessary for the use of information technology in diverse physical activity and health settings. Includes introduction to the social and ethical issues inherent in the use of computers in health and school settings. A student may receive credit for only one of the following courses: COMP 11000, EXSS 13900, HLTH 13901. (F-S,Y)

Attributes: HE1, TE

3 Credits

HLTH 14000 Cyborgs, Clones, and Policy: New Technologies in Health and Medicine (LA)

Investigation and analysis of new medical and health technologies in the changing environment of health and medicine and how they affect policies for healing and prevention of illness and disease. Emphasis is given to the discourse of the body as a machine, its impact on health policies, and the effect of new technologies on relationships among health care providers, patients, and their families. Subjects include biotechnology, cloning, the Internet, digital medicine, and eugenics. (S,Y)

Attributes: HE1, LSCO

3 Credits

HLTH 15200 Introduction to Health and Physical Education (NLA)

Introduces students to the related disciplines of health education and physical education in U.S.K-12 public schools and society from historical and contemporary perspectives. Rationales for goals, standards, and national initiatives in each field will be stressed, as well as their relationship to the coordinated school health model. Students will explore the various duties of professionals in these fields as well as the variety of available career options. (F,Y)

Attributes: TE

3 Credits

HLTH 20100 Food and Society (LA)

Explores the significance of food in human life across time and across cultures. Examines the relationship of food to sociocultural, psychobiological, and ecological aspects of human life. Determinants of food choices, food systems, and socioeconomic and ecological implications are explored. Students emerge with insight and appreciation for the role of food as a means of self-expression and social exchange.

Prerequisite: Sophomore standing. (F,Y)

Attributes: AN2, AN3, HE1, SO, TIDE, TWOS

3 Credits

HLTH 20200 Human Nutrition (LA)

An introduction to the field of human nutrition. Includes the study of human nutritional needs and the attainment of health through an adequate diet. Topics such as obesity, sport nutrition, eating disorders, and the use of nutritional supplements are critically reviewed. Issues relating to diet, ethnicity and health, world hunger, nutrition, and disease prevention are explored. The use of a computerized diet analysis database enables students to assess the adequacy of their own diets.

Prerequisites: EXSS 12000, BIOL 11500, BIOL 11900, BIOL 12100, CHEM 11100, or CHEM 12100; sophomore standing. (F,S,Y)

Attributes: 1, AN2, ESTS, HE1, NS

3 Credits

HLTH 20300 Consumer Health (LA)

This course prepares students to understand health care from the consumer's perspective, including understanding the role of consumer theories, health behavior models, and the attitudes and activities of consumers in the health care industry. The philosophy and language of consumerism and the social, political, and ethical implications of consumerism in health are explored. The implications for policy and practice of the use of the consumerism model in health care are examined. Attention is given to existing research and theoretical models of insurance concepts, the individual purchase of health care, and newer consumer trends such as self-diagnosing, purchasing health products via the Internet, and the whole-scale industry movement toward consumer-directed health care. (F,Y)

Attributes: SO, TWOS

3 Credits

HLTH 20400 Economics of Health Care (LA)

Peculiar economic characteristics of the health care industry. Supply of and demand for health care services; causal and remedial forces of institutionalized frameworks, market mechanisms, and governmental intrusions. Analysis of pricing in terms of the above forces and productivity. Ideal economic characteristics of medical insurance, as contrasted with several proposals for national health insurance. Production for national health insurance. Production function, cost-effectiveness, and benefit-cost analysis. Cross-listed with ECON 20400; students cannot receive credit for both ECON 20400 and HLTH 20400.

Prerequisites: ECON 12100 and ECON 12200. (S,Y)

Attributes: LMEL, LSCO

3 Credits

HLTH 20500 Critical Health Issues (LA)

Examination of the health workforce, medical education, medical specialization, the rising cost of care, voluntary and governmental health insurance, health care delivery systems, and health care for the poor. (F,S,Y)

Attributes: CNSL, DV, LAEL, LMEL, LMSP, LSCO, SO, SS, TE, TWOS

3 Credits

HLTH 20800 Viral Diseases of the World (LA)

This course will describe the structure, transmission, replication, prevention and treatment, and associated pathology of viruses. Specific focus on the historical, cultural and economic impact of clinically significant DNA and RNA viruses such as HIV, influenza, HPV, hepatitis, Ebola and norovirus. Prerequisites: Sophomore standing. (S)

Attributes: HE1

3 Credits

HLTH 21300 Wellness: Multicultural Perspectives on Health and Healing (LA)

An overview of the dynamic nature of the wellness movement. Its historical, social, political, cultural, and economic variables are critically examined. A wide range of wellness modalities, including those that fall under manual, mind-body, herbal, movement, and bioelectrical fields of practice, are included. Cross-cultural paradigms of health and healing are examined and compared. Prevention of chronic disease and health promotion are integrated into the concept of wellness, and disease etiologies and treatments are presented from multiple perspectives. The implications of and opportunities for prevention specialists in schools and communities are emphasized. Prerequisites: Sophomore standing. (F,S,Y)

Attributes: AASE, ADPL, ADSE, AN2, HE1, LXME, NASE, RPRE, TE

3 Credits

HLTH 21400 Sustainable Living: A Holistic Approach to Health (LA)

Focuses on holistic health using environmental sustainability approaches with multi-disciplinary perspectives on environmental issues and its relation to public health. Personal, social, economic, political, and environmental aspects of making sustainable choices in everyday life will be explored based on the database inquiry. The principles and practices of behavior change and pedagogies ingrained in theory and principles of environmental sustainability will be explored. The methods used to assess and evaluate the consequences of consumption (included but not limited to food) and lifestyle decisions will be discussed. Students will work individually and in groups by using experiential learning approaches to examine how to make sustainable choices, exercise personal accountability, and promote health. Prerequisites: Sophomore standing. (F,S,Y)

Attributes: HE1, SC, SO, TPJ, TQSF

3 Credits

HLTH 21700 Epidemiological Approaches to Disease Prevention and Control (LA)

Examines the history, principles, and practices in the cause, prevention, and control of diseases. Epidemiologic terminologies and measures such as morbidity, mortality, fertility, descriptive and analytic epidemiology, screening, infectious disease, and occupational epidemiology in public health practice will be covered. Prerequisites: MATH 15500 or MATH 14400 or MATH 14500 or MATH 21600. (F-S,Y)

3 Credits

HLTH 22400 Emergency Health Care Instructor (NLA)

Training for entry-level instructors of American Red Cross cardiopulmonary resuscitation (CPR) for the professional rescuer, of community CPR, and of community first aid and safety. During the semester, students are required to complete the instructor candidate training segment that is offered at a time designated by the instructor. Includes teaching methods, materials, and practice. Prerequisites: Current American Red Cross CPR for the professional rescuer, community CPR, and community first aid and safety certificates. (F-S,Y)

2 Credits

HLTH 22600 Health Communication (LA)

Introduction to the study of health communication, including its origins, development, and status. Introduction to theories of health behavior and communication and to how they relate to one another in practice. Examination of communication between health professionals and clients and of the role media play in the health care industry and the delivery of health services. Prerequisites: Sophomore standing or above. (F,Y)

Attributes: HE1, LSCO, SS

3 Credits

HLTH 22700 Stress: Its Nature and Management (LA)

Overview of the nature and physiology of stress and techniques used to manage stress. Topics include stress physiology, social engineering, cognitive restructuring, conflict resolution, time management, self-help techniques, nutrition, exercise, and relaxation techniques such as meditation, progressive relaxation, and autogenic training. Prerequisites: Sophomore standing. (F,S,Y)

Attributes: HE1, SC, SO, TIDE, TMBS

3 Credits

HLTH 22800 Human Sexuality (LA)

Promotes a critical perspective of contemporary issues associated with human sexuality. The importance of healthy behavioral practices and responsible decision making concerning sexuality is emphasized. Content areas include contraception and birth control, pregnancy and childbirth, sexually transmitted infections, gender and gender roles, ethnicity and sexuality, sexual anatomy and physiology, sexual response, sexual expression, sexual orientation, relationships, and sexuality over the life span. (F,S,Y)

Attributes: 1, AN2, HE1, SO, SS, TIDE, TMBS, WGS, WGS1

3 Credits

HLTH 22900 Disease and Lifestyle (LA)

Focuses on the leading causes of morbidity and mortality in the world, with and emphasis on the United States. Emphasis is on health promotion through awareness of risk factors associated with these diseases. Topics reviewed include etiology, symptoms, morbidity and mortality rates, prevention, and commonly used methods of diagnosis and treatment. The course will include opportunities for hands-on learning and skill development in best practice screening techniques that are used in primary care settings (e.g., blood pressure, cholesterol, glucose monitoring). Prerequisites: Sophomore standing. (F-S, Y).

Attributes: 1, HE1

3 Credits

HLTH 23400 Fitness Applications for Health Promotion (NLA)

Incorporates basic kinesiological, biomechanical, and physiological principles and concepts with practical applications for physical activity, health-related fitness, and health promotion. Clinical procedures include body composition measurement, submaximal oxygen uptake testing, assessing blood pressure, calculating body mass indexes, and cholesterol screening. A major emphasis is the assessment of health-related fitness and the prescription of various types of physical activities for children, adolescents, and adults. Prerequisites: EXSS 12000; EXSS 12100. Students can receive credit for HLTH 23400 or PHED 23400, not both. (S,Y)

4 Credits

HLTH 24000 Health Promotion and the Older Adult (LA)

Health promotion and prevention strategies that allow people to extend and improve the quality of their lives. Through an interdisciplinary approach, health-related factors that affect older persons as they age are studied. Prerequisites: HLTH 11300 or GERO 10100. (IRR)

Attributes: 1

3 Credits

HLTH 25000 Global Health (LA)

Study of public health and health care issues across national borders and how they affect the entire globe, including the future health of the planet. Public health and health care delivery in certain nations are also studied.

Prerequisites: One social science course. (S,Y)

Attributes: AN2, AN3, DV, LMEL, LMSP, LSCO

3 Credits

HLTH 30000 China: Culture, Health, Healing and Sport (LA)

Introduction to the philosophy and practice in health, prevention and rehabilitation, sport and physical education in China from a historical and cultural perspective. Prepares students for a short-term study abroad opportunity in China (optional). Prerequisites: Junior standing or sophomore who has taken a HLTH course at the 20000-level. (S,IRR)

Attributes: AN2, AN3

1 Credit

HLTH 30100 Lifecycle Nutrition (LA)

Explores an ecological perspective on nutrition. Examines the unique needs and concerns of each stage of the human lifespan, including prenatal, infant, child, adolescent, adult, older adult, pregnancy, and lactation. Students examine nutritional issues that are relevant to healthy growth and development, disease prevention, and optimal well-being at all ages. Prerequisites: HLTH 20200. (F,Y)

Attributes: HE1

3 Credits

HLTH 30500 Community Nutrition: Global Perspectives (NLA)

Explores function of community nutrition including monitoring, assessment, and the role of nutrition in health disparities. Students learn to plan interventions and evaluate programs. Prerequisites: HLTH 20200 and HLTH 30100. (S,Y)

Attributes: SL

3 Credits

HLTH 30600 Counseling for the Health Professions (NLA)

Theory and application of health counseling with focus on health behavior change, disease and wellness. Explores factors associated with the direction of advice and decision making in the development and maintenance of individual health and wellness. Provides means for incorporating positive health practices, courses of action, and guidance in health promotion programs, health care encounters, and health education. Course draws on base of health content and theory courses to develop a core set of career-specific useable skills. Prerequisites: HLTH 21300, HLTH 22900, and junior standing. (S, Y)

Attributes: HE1

3 Credits

HLTH 30900 Study Abroad in China: Culture, Health, Healing and Sport (LA)

This is a study abroad experiential learning course. Students will travel to China and explore and experience Chinese culture, rehabilitation and health promotion in a practical setting. Students will have hands-on learning opportunities under certified traditional Chinese medicine professionals such as acupuncture, massage, cupping, Tai Chi, and calligraphy. Prerequisites: HLTH 30000. (Sum, IRR)

Attributes: AN2, AN3

2 Credits

HLTH 31000 Microbiology for the Health Sciences (LA)

Explore the world of human-microbe interactions. Study mechanisms of disease transmission and pathogenicity of infectious agents. Understand how antimicrobials work; understand antibiotic, detergent, disinfectant resistance and propose alternative mechanisms for managing microbial growth. Understand basic concepts of bacterial gene expression and its application in the field of biotechnology. Analyze how natural disasters facilitate outbreaks. Understand the mechanisms behind vaccination. Apply principles of metabolism and contamination to analyses of food safety. Prerequisites: BIOL 11900, BIOL 12100, or EXSS 12100; and any 200-level HLTH course. (F,Y)

Attributes: BIEL, HE1

3 Credits

HLTH 31100 Microbiology for Health Sciences Laboratory (LA)

Master basic microbiological laboratory technical skills including aseptic technique, inoculating microbial cultures, enumerating, isolating, and identifying microorganisms. Gain introductory skills in molecular biological techniques. Analyze cases, synthesize data, and select appropriate tools for microbial identification. Prerequisites: BIOL 11900, BIOL 12100, or EXSS 12100; and any 200-level HLTH course; and HLTH 20700 or HLTH 31000 (may be taken concurrently). (F,Y)

Attributes: BIEL, HE1

1 Credit

HLTH 31200 Inequalities in U.S. Health Care (LA)

Introduces the historical, political, economic, social and environmental factors that drive inequalities in the U.S. health care system. Highlights the role of race, ethnicity and culture; socioeconomic status; geography/residential segregation; gender, sexual preference and identity; immigration status; health literacy and other factors on health inequalities. Enables students to critically analyze the multiple pathways in which discrimination impacts health status, access to, and quality of care and identify conceptual models and frameworks for reducing and/or eliminating health care disparities. Prerequisites: Junior standing or sophomore who has taken a social science or HLTH course at the 200-level. (F,S,Y)

Attributes: ADSE, AN2, AN3, DV, LMEL, LSCO

3 Credits

HLTH 31500 Family Health Problems (LA)

Theory and research on family composition and its dynamic nature are critically examined with research and surveillance data on youth and families. Issues of identity, gender, race, class, sexual orientation, socioeconomic status, and community are related to family health. Preference is given to health education and physical education majors. Prerequisites: Major or minor; junior standing. (S,Y)

Attributes: HE1, SS, WGS, WGS3

3 Credits

HLTH 31600 Health Research and Analysis (LA)

Theoretical and philosophical bases for conducting research in health. Identifies and utilizes research methods in social and behavioral sciences, including quantitative, qualitative, and epidemiological methodologies. The objective is to assist students in the development of active skills, which include identifying key research issues in health, working through their analysis, and understanding the intellectual, practical, ethical, and political implications of different methods of research in health. Prerequisites: MATH 14400, MATH 14500, MATH 15500, or MATH 21600; HLTH 20500 or HLTH 21300; and junior standing. (F,S,Y)

Attributes: HE1, QL, SS, TE

3 Credits

HLTH 31700 Community Health (LA)

Provides an overview of community development strategies most frequently used in health promotion and health education programs. Emphasis is placed upon the processes of community organizing and developing critical awareness/consciousness as educational methods in public health. The course is designed to provide students with theoretical foundations, methods, and skills essential to professional community health education practice. Prerequisites: HLTH 21700 and junior standing. (F,Y)

Attributes: TE, WGS, WGS3

3 Credits

HLTH 32600 Health Planning and Administration (NLA)

Integrates general management principles with strategic planning in health care organizations. Data systems, forecasting, and problem identification and analysis are explored, along with the stages of strategic planning. Emphasis is placed on identifying strategic issues in complex environments and formulating realistic responses. Students prepare actual applications for new programs to regulatory agencies. Prerequisites: HLTH 20500 and one GBUS or MGMT course. (S,Y)

Attributes: HE1, TE

3 Credits

HLTH 33000 Health Promotion in the Workplace (NLA)

Development of a hierarchy of program needs and objectives for worksite health promotion. Students design needs-assessment instruments and develop work programs based on the needs identified by the population surveyed. The course also addresses issues surrounding program evaluation. Prerequisites: PSYC 33400, HLTH 11300, or MKTG 31200. (IRR)

Attributes: HE1

3 Credits

HLTH 33300 Development and Evaluation of Health Programs (NLA)

Prepares students with background information on how to design, implement, and evaluate health education and health promotion programs. "Quality of life" issues are evaluated to establish links between social problems and specific health problems. Several methods are employed to evaluate these programs. Prerequisites: Junior standing and HLTH 10600 or HLTH 15200; at least two HLTH 20000 level courses. (Y)

Attributes: TE

3 Credits

HLTH 33510 Legal and Ethical Issues in Health Policy (LA)

An examination of legal and ethical issues related to health care. Topics include the equitable distribution of scarce resources, the relationship between individual consumers and powerful (frequently for-profit) third party payers, and the government's role at all levels in regulating health care and protecting the public from potentially fraudulent or abusive providers. Prerequisites: PHIL 21200 or PHIL 23000; HLTH 20500; WRTG 10600 or ICSM 108XX, or ICSM 118XX. (F,S,Y)

Attributes: LMSP, TE, WI

3 Credits

HLTH 34900-34901 Fieldwork in Health (NLA)

Practical experiences in public, voluntary, or commercial health agencies. Provides the opportunity to become involved in various agency functions. Prerequisites: Junior standing; permission of department chair.

Repeatable for up to (F,S,Y)

Attributes: TE

0.5-6 Credits

HLTH 35000 Drug Use and Abuse (LA)

Promotes critical thinking about many implications of the use of mind-altering drugs within our society. An interdisciplinary approach is used to study aspects of social, cultural, mental, emotional, physical, and spiritual health related to drugs, society, and human behavior. Course content includes, and is not limited to, alcohol, tobacco, legal and illegal substances. Prerequisites: Junior standing. (F,S,Y)

Attributes: HE1, SS

3 Credits

HLTH 36000 Curriculum and Materials in Health Education (NLA)

Examination of the philosophical, theoretical, and practical aspects of curriculum development related to health program planning. Consideration is given to curricular scope and sequence. Students demonstrate their ability to develop unit plans, block calendars, and lesson plans. Existing prepackaged curriculum models are evaluated. Prerequisites: EDUC 21010; nine credits in HLTH xxxxx courses. (F,Y)

Attributes: TE

3 Credits

HLTH 39900-39906 Selected Topics in Health (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR)

1-3 Credits

HLTH 40300 Nutritional Care and Therapeutics (NLA)

Provides overview of role of nutrition professional as a member of the health care team. Students explore best practice techniques for nutrition assessment and health diagnoses; application of theoretical models of nutrition behavior and intervention to individual case studies; guidelines for client education, monitoring and documentation; and frameworks of nutrition practice within allopathic, complementary, and alternative health care models. Nutritional supplement use and diet planning are explored via case study. Students critically analyze the development, effect, method, application, and efficacy of current standards for nutrition intervention. Prerequisites: Senior standing; HLTH 22900, HLTH 30100, HLTH 30500, HLTH 30600. (F,Y)

3 Credits

HLTH 41700 Front Page Public Health: Policy and Epidemiology (LA)

History and theories of the public health perspective. Detailed analysis of major contemporary public health issues in the context of political, economic, and social factors. Theories and uses of epidemiology as a descriptive, analytical, and political tool of public health. Community, regional, national, and international public health policies are studied and evaluated. Attention is paid to current public health issues in the news.

Prerequisites: HLTH 21700 and HLTH 31700. (F,Y)

3 Credits

HLTH 42000 Teaching Strategies in Health Education (NLA)

Designed for prospective health educators as a comprehensive background for health instruction in elementary, secondary, and community settings. Students acquire the knowledge and skills necessary to plan, deliver, and assess learning experiences and activities incorporating strategies that target multiple intelligences, learner diversity, cooperative education, curriculum integration, and skill acquisition as they relate to health education. Prerequisites: HLTH 33300 or HLTH 36000. (S,Y)

Attributes: HE1, TE

3 Credits

HLTH 43900 Assessment in Health Education (NLA)

Prepares class members to assess student learning in K-12 health education settings. Through a combination of lecture, labs, discussion, and field-based activities, opportunities are provided to understand and apply current educational testing and evaluation procedures. Course content includes study of the criteria for selection of tests, application of statistical procedures, construction and analysis of assessment tools, procedures for classification and grading of students, and program assessment techniques. Credit will not be granted for both this course and PHED 43900. Prerequisites: PHED 33200, HLTH 33300, or HLTH 36000. (F,Y)

Attributes: TE

3 Credits

HLTH 44100 Student Teaching in Health Education (NLA)

Observation and supervised student teaching. Assignment to approved cooperating schools full-time for one semester in the senior year.

Required of all students preparing to teach health education in elementary or secondary schools. Prerequisites: Current American Red Cross CPR and first-aid card; EDUC 21010; HLTH 42000; EDUC 34000. (F-S,Y)

10 Credits

HLTH 44400 Leadership and Health Promotion (LA)

Explores the interconnected nature of leadership operating within the synergy of perspectives involved in health promotion. Examination of collective and interdisciplinary theories and approaches to problem solving, relationship building and transformation in health promotion. Leadership is explored through directed inquiry of case studies. Challenges to promoting health in individuals, communities, and society are considered. Prerequisites: HLTH 33510 or HLTH 31600. (S,Y)

Attributes: CP

3 Credits

HLTH 44500 Student Teaching in Health Education (dual major) (NLA)

Observation and supervised student teaching. Assignment to approved public schools full-time for a half semester in the senior year. Experience in structured observation, classroom assisting, and direct instruction; additional experience in planning, conferencing, and related school duties outside regular class periods. Individual conferences are held with Ithaca College supervisors of field experiences. Required of all dual health education and physical education majors. Prerequisites: Current American Red Cross CPR and first-aid card; EDUC 21010; HLTH 36000; HLTH 42000; EDUC 34000. (F,S,Y)

Attributes: TE

5 Credits

HLTH 44800 Seminar in Health Education (NLA)

An opportunity for student teachers or internship participants to analyze and discuss individual and general problems related to their experiences. Current trends and issues confronting the prospective health education professional, such as issues regarding changes in the profession, teaching credentials, and job opportunities, are also addressed. Corequisites: HLTH 44100 or HLTH 44900. (F,S,Y)

Attributes: CP, TE

2 Credits

HLTH 44900-44901 Internship in Health (NLA)

Supervised, full-time experience in a health agency during the summer or regular academic semester. Content of internship should reflect the student's concentration area (i.e., gerontology, substance abuse services, worksite health promotion, nutrition, or PIC). Prerequisites: Current American Red Cross CPR and first aid card; junior or senior standing; permission of department chair. 6-(F,S,Y)

6-12 Credits

HLTH 45200-45203 Independent Study in Health (LA)

An individual study program for the investigation of special problems in the field of health. A written report is required. Prerequisites: Senior standing; permission of instructor and department chair. (F-S,Y)

1-3 Credits

HLTH 45300 Supervised Research (NLA)

Empirical research on a health topic selected in consultation with instructor. A written report is required. Course may be repeated for up to Prerequisites: At least three courses in health; permission of instructor and department chair. (F-S,Y)

1-3 Credits

HLTH 48700 Multicultural Issues in Health (LA)

Addresses the issues of ethnicity, culture, and race as they relate to health. Examines a variety of intercultural issues, including power and oppression, and how they affect the lives of children, adults, and families living in the United States. Prerequisites: HLTH 31700, HLTH 33510. (S,Y)

Attributes: AN2, AN3, DV, HE1

3 Credits

Health Interdiscip Studies (HINT)

HINT 10000 Health Sciences: Foundations and Careers (NLA)

An overview of the foundation of health sciences and career opportunities in the various fields. The class format includes small-group discussion as well as guest lectures by health science educators. Selected issues related to the professions are also examined. (F,Y)

2 Credits

HINT 23000 Introduction to Interdisciplinary Health Care Teams (NLA)

Introduction to the essential knowledge that facilitates interaction among health science professionals and enables them to become more effective members of interdisciplinary teams. Prerequisites: Sophomore standing. (F or S,Y)

1 Credit

HINT 31200 Health Care and Culture (LA)

An investigation of sociocultural context in the delivery and receipt of health care and rehabilitation services. Students examine, through readings, discussion, and interviews with people in the community, the role of ethnicity, race, religion, and socioeconomic status in shaping the health-related beliefs and behaviors of individuals. Prerequisites: Junior standing. (S,Y)

Attributes: 1, AN2, AN3, G

3 Credits

HINT 31300 Health Care and Culture: An International Field Experience (NLA)

An investigation of sociocultural factors in the delivery of health care and rehabilitation services in an international context. Students examine, through experiential learning, discussion, and lectures, the role of ethnicity, race, religion, and socioeconomic status in shaping the health-related beliefs and behaviors of individuals in a selected country. Prerequisites: HINT 31200 or permission of the instructor. (U,Y)

Attributes: 1, AN2, AN3, G

1 Credit

HINT 33000 Interdisciplinary Collaboration: Practical Applications for Health Care Teams (NLA)

Application of collaboration of interdisciplinary team-management principles and intervention planning strategies and techniques that include interdisciplinary treatment plan development, assessment, and the development of interdisciplinary intervention programs. Prerequisites: HINT 23000. (F or S,Y)

1 Credit

HINT 43000 Seminar: Capstone in Health Care Teams (NLA)

Students will observe and evaluate the collaboration of interdisciplinary team-management principles and intervention planning strategies and techniques. Includes travel to national and/or international sites (at the student's expense) where interdisciplinary collaboration in a multicultural setting is practiced. Prerequisites: HINT 33000. May be repeated up to (Y)

1 Credit

Hebrew (HEBR)

HEBR 10100 Elementary Hebrew I (LA)

Beginning course. Practice in understanding, speaking, reading, and writing simple idiomatic Hebrew. Emphasis is placed on culture, participation, and self-expression. Open to students with no previous Hebrew, or by placement examination. (F,Y)

Attributes: 3A, G, HM, HU, TIDE

3 Credits

HEBR 10200 Elementary Hebrew II (LA)

A continuation of HEBR 10100. Limited to students who have completed HEBR 10100 with a grade of C- or better, or equivalent. Prerequisites: HEBR 10100 or equivalent. (S,Y)
 Attributes: 3A, G, HM, HU, JWST, TIDE
 3 Credits

HEBR 20100 Intermediate Hebrew I (LA)

Develops intermediate-level proficiency in speaking, listening, reading, and writing Hebrew. Special emphasis is given to Hebrew culture. Prerequisites: HEBR 10200 with a grade of C- or better. (F,Y)
 Attributes: 3A, G, HU
 3 Credits

HEBR 20200 Intermediate Hebrew II (LA)

Continuation of HEBR 20100. Develops intermediate-level proficiency in speaking, listening, reading, and writing Hebrew. Special emphasis is given to Hebrew culture. Prerequisites: HEBR 20100 with a grade of C- or better. (S,Y)
 Attributes: 3A, G, HU
 3 Credits

HEBR 29900-39900 Independent Study: Hebrew (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Prerequisites: Permission of instructor and chairperson. (IRR)
 Attributes: UND
 1-3 Credits

History (HIST)

HIST 10100 Before Europe: Cultures of the Premodern West (LA)

This course examines a selection of cultures from the beginnings of "Western" civilization in the ancient Mediterranean into the medieval and early modern eras as the idea of Europe gradually emerged. In addition to focusing on some particularly formative periods in the history of Western cultures, we will examine the idea of a continuous strand of Western civilization throughout this time period, looking also for instances of discontinuity and rupture in the past. Not open to seniors except by permission of instructor. Also offered through the London Center. (F,Y)
 Attributes: 1, CSA, G, H, HM, HU, TIDE, TPJ
 3 Credits

HIST 10200 Modern Western Civilization (LA)

Continuation of HIST 10100, extending from the early modern period to the present. Students may not receive credit for both HIST 10200 and HIST 18200. Not open to seniors except by permission of instructor. Also offered through the London Center. (S,Y)
 Attributes: 1, G, H, HU
 3 Credits

HIST 10600 History in the News: Global Identities and the Search for Justice (LA)

Introduces the field of contemporary history through an examination of current events and issues. Students follow international developments and offer historical contexts and evaluations within themes of global identities and the search for justice through the paradigm of globalization and human rights. (F,S,Y)
 Attributes: HM, TIDE, TPJ
 3 Credits

HIST 11100 Founding a Nation: United States History to 1877 (LA)

A survey of United States history from the colonial period to Reconstruction. Included are the peopling of the nation from Europe, Africa, and the Americas, problems of colonial settlement, the achievement of political independence and stability, territorial expansion, industrialization, and the struggle over slavery. Not open to seniors except by permission of instructor. (Y)
 Attributes: 1, H, HM, HU, TPJ
 3 Credits

HIST 11200 Building Modern America: United States History since 1877 (LA)

A survey of national development since Reconstruction with an emphasis on social and economic development, waves of immigration, overseas expansion, social and political reform movements, involvement in two world wars, and the Cold War. Not open to seniors except by permission of instructor. (Y)
 Attributes: 1, DV, H, HU
 3 Credits

HIST 12600 Women and the American Experience, 1607-1870 (LA)

Examines the diverse experiences and social roles of women from seventeenth century settlement to Reconstruction. Explores Native American women; regional variations in the formation of colonial society; the "proper place" of white women; women and politics, reform movements, religion, and sexuality; African-American women and slavery; women as pioneers; women and work. Emphasis on the diversity and changes among the various social classes and races that comprise women's history across time. (IRR)
 Attributes: DV, HM, TPJ, WGS
 3 Credits

HIST 12700 Women and the American Experience, 1870-2000 (LA)

Examines women's lives between Reconstruction and the Clinton era. A major focus will be to understand how class, ethnicity, and race influenced American women's work, family life, and organized activities across time. As we build our chronological framework, we will explore immigration, industrialization, female sexuality, women and the Depression, women and WWII, women and reform, the "feminine mystique," the Civil Rights Movement, the women's movement, and the American Indian Movement. The course will emphasize diversity and change among various social classes, races, and ethnic groups that comprised our history. (IRR)
 Attributes: DV, HM, TPJ, WGS
 3 Credits

HIST 14100 From the Margins: European Social History, 1450-1945 (LA)

Course about individuals (e.g., women, plebeians, LGBT individuals, and racial and religious minorities) who are typically left out of standard narratives of European history. Study of such historically marginalized individuals sheds light on the values, beliefs, and practices of previous generations. Not open to seniors. (F,S,Y)
 Attributes: DV, HM, TIDE, TPJ, WGS, WGSJ
 3 Credits

HIST 15100 The Past Is Present: The Relevancies of History (LA)

People tend quite naturally to think in present terms and see the world as it is around them. The present, however, does not exist independently of the past. This course uses a series of videotapes, readings, and group discussions to link the past to the present in a variety of ways. (F,Y)
 Attributes: 1, H, HU
 3 Credits

HIST 16800 1968: A U.S. Revolution (LA)

Focuses on the most tumultuous year in modern American history, exploring a range of themes in the history of the wider era -- Civil Rights, Cold War and Vietnam War, generational change/student movements, and a shift in politics to the right -- in a way that brings the moment to life and frames it in human terms. Examines student life, popular culture, and personal stories from 1968 to illuminate how much the nation changed in this era. (IRR)

Attributes: HM, HU, TIDE, TPJ

3 Credits

HIST 17700 Voting: U.S. Elections in Historical Context (LA)

This course examines the history of voting and elections in the United States, with particular attention to how and why voting patterns have shifted over time. Offered every fall semester during national elections (even-numbered years), students will gain the context necessary to understand current events by learning the history of suffrage and the evolution of the American party system. (E,F)

Attributes: HI2

1 Credit

HIST 18100 World Civilization I (LA)

A comparative survey of world civilizations from the beginnings of humanity to the age of exploration in the 16th century. Considers the nature of early hunting-gathering societies, the impact of agriculture, the introduction of metallurgy (bronze and iron), and the evolution of civilizations in Eurasia, Africa, and the New World. Students may not receive credit for both HIST 18100 and HIST 10100. Not open to seniors except by permission of instructor. (F,Y)

Attributes: G, HM, TIDE, TPJ

3 Credits

HIST 18200 World Civilization II (LA)

Continuation of HIST 18100, extending from the age of exploration in the 16th century to the present. Considers a "world made one" by the voyages of Columbus and others, the expansion of contacts into the 20th century, and the possible development of a global civilization. Students may not receive credit for both HIST 18200 and HIST 10200. Not open to seniors except by permission of instructor. (S,Y)

Attributes: 1, G, H, HM, HU, TIDE, TPJ

3 Credits

HIST 18400 The Islands: Caribbean History 1492-present (LA)

Exploration of the history of the Caribbean as a transnational, multi-racial, multi-cultural, and globalized space. Focus on how the Caribbean embodies and challenges ideas about the relationship of the United States to the rest of the hemisphere. (IRR)

Attributes: ADSE, HM, LAEL, LSCH, LXME, NASE, RPRE, TIDE, TQSF

3 Credits

HIST 18500 Selected Topics in Historical Studies (LA)

Occasional courses of an exploratory nature are offered under these numbers and title. These may be of lecture or seminar format, of great breadth or highly specialized. There is no prerequisite. This course may be repeated for credit for a total of three credits for selected topics on different subjects. (IRR)

Attributes: HU

1-3 Credits

HIST 18501 Selected Topics: Historical Studies (LA)

Occasional courses of an exploratory nature are offered under these numbers and title. These may be of lecture or seminar format, of great breadth or highly specialized. There is no prerequisite. This course may be repeated for a total of three credits for selected topics on different subjects. (IRR)

1-3 Credits

HIST 20900 Ethnic United States since the Civil War (LA)

Explores the cultures and social structures that various immigrant groups brought to the United States, their interaction with the dominant Anglo-Saxon culture, and the kind of multiethnic society the United States has built (melting pot or tossed salad). This course counts toward the U.S. history requirement for history department majors. Prerequisites:

Sophomore standing. (S,Y)

Attributes: DV, HI2, HM, LSCH, LXME, TPJ

3 Credits

HIST 21000 The United States Labor Movement (LA)

Explores labor history from 1840 to the 1970s. Based on two premises: first, that labor history is an essential ingredient to the understanding of American history; and second, that labor history must extend beyond traditional union history into the lives and aspirations of the workers themselves. Thus, the course looks beyond the union halls into the homes and hearts of the men and women who have built America. This course counts toward the U.S. history requirement for history department majors. Prerequisites: Sophomore standing. (IRR)

Attributes: 1, H, HI2, HU

3 Credits

HIST 21100 The United States and Vietnam 1945-1990 (LA)

Through readings, films, and student research, explores the history of the United States' involvement in Southeast Asia from World War II to 1990. It emphasizes the origins and reason for the Vietnam War, the impact of the war on all participants, and the aftermath of the defeat of the U.S. effort. This course counts toward the U.S. history requirement for history department majors. Prerequisites: Sophomore standing. (S,Y)

Attributes: HI2, HU

3 Credits

HIST 21500 The Heritage of China: Introduction to Chinese Culture (LA)

Introduces important aspects of China's cultural history and traditions. Exposes students to central ideas in Chinese philosophy and religion, to masterworks of Chinese art, drama, and literature, as well as to other important topics pertaining to language, family, and science. This course counts toward the global requirement for History department majors.

Prerequisite: Sophomore standing. (IRR)

Attributes: HI3, HM, HU, RPRE, TIDE

3 Credits

HIST 22100 Russian History (LA)

Russian history from antiquity to the 1917 revolution. Emphasis is placed on political, social, and intellectual developments. This course counts towards the European requirement for history department majors. Prerequisite: Sophomore standing. (F,Y)

Attributes: G, H, HI1, INBG

3 Credits

HIST 22200 The USSR: History and Legacies (LA)

An interdisciplinary study of Soviet history that applies varied historical interpretations and methodologies to provide an integrative analysis of the USSR and post-Soviet era. This course counts toward the European requirement for history department majors. Prerequisite: Sophomore standing. (S,Y)

Attributes: G, H, HI1, HM, INBG, TIDE, TWOS

3 Credits

HIST 22300 Rise and Fall of the British Empire (LA)

Explores the scope of the empire, ranging across North America, Australia, New Zealand, the Middle East, and India, and how populations in both Britain and the colonized regions responded to empire. Topics include the technologies of power that enabled Britain to administer such a large area, how imperial power was implicated in the construction of knowledge that introduced these regions to a European audience, the dissolution of the empire in the 20th century, and the postcolonial legacy that continues to shape these former imperial possessions and the modern British state. Counts toward the global history requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: AACH, AASE, HI3, HU

3 Credits

HIST 22400 Modern South Asia (LA)

Considers the history of modern South Asia from about 1500 to the present day. Begins with a background overview of early cultural and political history, then proceeds through the rise of the Mughal Empire and regional Indian powers, the coming of the British, the Sepoy mutiny/rebellion, the rise of nationalism Hindu-Muslim communal tensions, partition and the formation of India and Pakistan, concluding with contemporary cultural and political issues, such as the rights of women, dalits and religious minorities, the middle class and globalization, Indo-Pak relations, and the development of nuclear powers in South Asia. Counts toward the global history requirement for history department majors. (IRR)

Attributes: AACI, AASE, HI3, INBG, RPRE, RSEA

3 Credits

HIST 22500 Women in Search of Utopia (LA)

Explores how women in both America and the greater British imperial domain have analyzed the social construction of gender, particularly as it related to family, politics, work roles, and war. Using both utopian fiction written by women and the utopian experiments in which they participated, it examines issues of race, class, and gender through this prism. By exploring how women envisioned better worlds for themselves, it emphasizes historical context as a critical part of analyzing these utopias and why women's utopian visions changed over time. For History Department majors, this course fulfills the U.S. History requirement.

Prerequisites: Sophomore standing. (IRR)

Attributes: HI2, HM, TIDE, TPJ, WGS

3 Credits

HIST 22700 Islamic Civilizations: Muhammad to the 19th Century (LA)

Explores the worldwide development of Islamic societies, beginning in the Arabian peninsula just before the time of Muhammad, charts the rise and consolidation of Islam in Arabia, and follows the global development of Islamic societies from the Middle East to Europe and Asia. Considers articulations of Islamic identity worldwide and Islamic adaptations to varying social and cultural locations. The course ends as the European colonial powers encounter the Middle Eastern and Asian Islamic worlds. Counts toward the global history requirement for history department majors. (IRR)

Attributes: AASE, ADSE, G, H, HI3, HU, RPRE, RSEA

3 Credits

HIST 22800 Islam in the Modern World (LA)

Examines the scope and transformations of Islamic societies since the 19th century, including the decline of the Ottoman empire, encounters with European colonialism, the rise of nationalism and nation-states in the Middle East and Islamic Asia, the Arab-Israeli conflict, the partition of India, the Islamic revolution in Iran, and the rise of Islam in Europe and the United States. Considers also the tension between militancy and quietism, women's economic empowerment, changing gender roles, and the worldwide Muslim response to extremist violence and ideologies.

Counts toward the global history requirement for history department majors. (IRR)

Attributes: HI3, HM, INBG, RSEA, TIDE, TPJ

3 Credits

HIST 23000 Science and Religion from the Ancient Near East to the Scientific Revolution (LA)

Examines interactions between science and religion from the ancient Near East through the scientific revolution in the seventeenth century, with focus on the transmission and development of scientific ideas from Mesopotamia to Greece, Egypt, Rome, the Muslim Empires, and early modern Europe, and on the interdependence of religious belief and scientific thought throughout this period. Counts toward either the European or the global requirement for history department majors. (IRR)

Attributes: H, HI1, HI3, HM, HU, RSEA, TIII

3 Credits

HIST 23100 Body and Society in Ancient Greece and Rome (LA)

This class examines ancient Greek and Roman social history through the lens of the body. Topics include sexuality and marriage, mythical paradigms of gendered behavior, legal rights and restrictions, fertility and other religious cults, notions of freedom and slavery, theories about body and soul, treatment of the dead, and ancient medical practices. While appreciating these aspects of ancient societies, another goal of this course will be to examine how people in the modern world have chosen certain aspects of ancient Greek and Roman civilizations to help define their own values. This course counts toward the European requirement for History Department Majors. (IRR)

Attributes: 1, CSA, G, H, HI1, HU

3 Credits

HIST 23200 Medieval Civilization (LA)

Major emphasis is placed on the course of events in Europe and the Near East from the 4th through the 15th centuries, with particular stress on the major institutional and cultural developments. This course counts toward the European requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: 1, G, H, HI1, HU

3 Credits

HIST 23300 Colonial Latin America (LA)

An examination of ancient American civilizations establishes the context for the Spanish and Portuguese conquests and the imposition of Iberian culture in the development of Spanish and Portuguese colonies. The course continues with the international setting of the colonies, the decline of the colonial order, and outbreak of wars of independence in the early 19th century. Counts toward the global history requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: G, HI3, HM, LAEL, LAGC, LXME, NASE, RPRE, TIDE, TPJ

3 Credits

HIST 23400 Modern Latin America (LA)

To promote an understanding of contemporary Latin America, the course examines the political, economic, social, and cultural transformations in the 19th and 20th centuries. Major topics include the relationship of Latin America to Europe and the United States and the relationship of notions of race, class and gender to politics and economics. Counts toward the global history requirement for history department majors. Prerequisite: Sophomore standing. (F,S,Y)

Attributes: G, H, HI3, HM, INBG, LXME, NASE, RPRE, TIDE, TPJ

3 Credits

HIST 23500 The Discovery of the World (LA)

A consideration of the prerequisites of transoceanic voyages and an investigation of why, among the societies that developed oceanic maritime capabilities, it was Europe that "discovered" the world. This course counts toward the global requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: 1, G, H, HI3, HU

3 Credits

HIST 24000 Reimagining America: Politics, Religion, and Reform in the Antebellum U.S., 1815-1860 (LA)

Examines the period of humanitarian reform in the United States between 1815 and the outbreak of civil war that saw Americans completely reimagine their politics, economy, and society. Topics include democracy and the second-party system; canals, steamships, and railroads; immigration and demographic change; reconsideration of gender roles; religious movements and utopias; and reform movements. Counts toward the U.S. history requirement for history department majors. (IRR)

Attributes: H, HI2, HM, HU, LMEL, LSCO, RSEA, TMBS, TWOS, WGSC

3 Credits

HIST 24300 The City in United States History (LA)

The U.S. city: its development and impact on American society from the colonial period to the present. Changes in structure and function of the city in U.S. history and the effect of these changes on the lives of urban dwellers and American society in general. This course counts toward the U.S. history requirement for history department majors. Prerequisite: Sophomore standing. (O,E)

Attributes: ABSS, H, HI2

3 Credits

HIST 24500 The American Civil War (LA)

This course investigates how the Civil War transformed the United States, with an emphasis on the war as a revolutionary experience rather than as a military struggle. Topics include the legality of secession; the creation and demise of the Confederacy; civil liberties in wartime; emancipation; presidential leadership; challenges of the home fronts; the concept of total war; the lost cause ideology; and the imprint of war. This course counts toward the U.S. history requirement for history department majors. Prerequisite: Sophomore standing. (FY)

Attributes: DV, H, HI2, HM, HU, LMEL, LSCO, TIDE, TPJ

3 Credits

HIST 24600 After the American Civil War: Race, Reconstruction, & Reconciliation (LA)

This course investigates the aftermath of the American Civil War with an emphasis on race, reconstruction, and reconciliation. Topics include emancipation; the 13th, 14th, and 15th amendments; the Freedman's Bureau; the rise of the Ku Klux Klan; the development of the lost cause ideology; voting laws and civil rights; the rise of Jim Crow laws; the epidemic of lynching; the contested election of 1876; and how the memory of the war shapes race relations. This course counts toward the U.S. history requirement for Department majors. Prerequisite: sophomore standing. (IRR)

Attributes: ADSE, DV, HI2, LMEL, LSCO, RPRE

3 Credits

HIST 25500 Native American History (LA)

Covers Native American issues since 1492. This historical approach will acquaint students with the major events and processes that transformed Native American communities across the North American continent. Students will review the political, social, economic, and religious changes that took place as a result of native interactions with Euro-Americans and various government agencies since colonial times. Students will also address how Native Americans were represented by non-native peoples and how these images (and misrepresentations) changed over time. This course counts toward the United States History requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: HI2, HU, NACH, NASE

3 Credits

HIST 26200 The History of Commodities in the Americas (LA)

Examines the relationship of commodities to the larger fabric of Atlantic world history since the 15th century, exploring how the material world shapes social, political, and economic behaviors and attitudes. Considers how historians, scientists, economists, and other social scientists, have interpreted the social, political, environmental, and economic significance of particular commodities. Central to the course is a focus on how commodities have shaped the relationship between Latin America, the Caribbean, and the United States. This course addresses material goods (sugar, cod, fertilizer, etc.) as commodities, as well as the history of human trafficking, from the Trans-Atlantic Slave Trade to modern day slavery. Cross-listed with ENV5 26200; students cannot take both HIST 26200 and ENV5 26200 for credit. This course counts toward the global history requirement for history department majors. Prerequisites: Sophomore standing or above. (Y)

Attributes: ABSS, ENHU, ESHI, ESHU, HI3, HM, LMEL, LSCO, TQSF

3 Credits

HIST 26300 Intimate Friendships and Illicit Loves: The History of American Sexuality (LA)

This course connects the history of sexuality to the broader context of American history, from the colonial settlement through the sexual revolutions of the 1960s and 1970s. It pays attention to how sexual norms and sexual deviance have been defined and experienced historically, and how the changing notions of norms and deviance have shaped what is permissible and acceptable throughout our history.

Among the topics covered are birth control and abortion; interracial and interethnic sexual identities; sexually transmitted diseases; prostitution; sexual violence; and lesbian, gay, bisexual, and transgender identities and communities. This course counts toward the U.S. history requirement for history department majors. Prerequisites: Sophomore standing. (IRR)

Attributes: DV, HI2, HM, TIDE, WGS

3 Credits

HIST 26700 The Salem Witchcraft Crisis of 1692 (LA)

After exploring the history of witchcraft in Europe (especially England) and America, the class will focus exclusively on the 1692 crisis. It will examine why the outbreaks occurred when they did, who was accused of witchcraft and why, how the outbreaks reflected social and cultural values, and how the crises were resolved. Issues of religion, class, social structure, and especially gender will form the backdrop against which these broader questions will be examined. This course counts toward the U.S. history requirement for history department majors. Prerequisites: Sophomore standing and WRTG 10600, or ICSM 10800, or ICSM 11800. (IRR)

Attributes: HI2, HM, LMEL, LSCO, TPJ, WGS, WI
3 Credits

HIST 27000 History of American Environmental Thought (LA)

A pervasive theme in the occupancy of North America is the changing and often conflicting perception of the environment. This course focuses on the history of environmental ideas, values, behaviors, and attitudes. Topics include capitalist, Romantic, and ecological thinking; the goals of conservation and preservation; recent rethinking of primitive experience and the idea of wilderness; and today's dialogue between mainstream environmentalism and deep ecology, the latter including ecofeminism, sustainable development, and biodiversity. Students examine the profound impact each of the paradigms has had on human-environment relations in America. This course counts toward the U.S. history requirement for history department majors. Cross-listed with ENVS 27000. Prerequisite: Sophomore standing. (Y)

Attributes: ABSS, ENHU, ESHI, ESHU, H, HI2, HM, LMEL, LSCO, SL, TQSF
3 Credits

HIST 27100 Global Environmental History (LA)

An introduction to the field of global environmental history that explores nature's role in world history and the ways human systems of energy, agriculture, resource extraction, trade, and transportation have affected the environment over time and vice versa. Primarily focuses on the historical impacts of environmental change around the world since the start of the industrial revolution (c. 1750). This course counts toward the global history requirement for history department majors. Cross-listed with ENVS 27100; students cannot take both HIST 27100 and ENVS 27100 for credit. Prerequisites: Sophomore standing or above. (IRR)

Attributes: ABSS, ENHU, ESHI, ESHU, HI3, LMEL, LSCO
3 Credits

HIST 27200 History of the Future (LA)

An examination of historical perceptions and visions of the future. Utopian thought and societies, science and technology, war and peace, the environment, and gender relations are the historical themes assessed. This course counts toward either the European or the U.S. history requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: 1, ENHU, ESHU, H, HI1, HI2, HM, HU, TIDE, TQSF
3 Credits

HIST 27300 Global Revolutions in the 20th and 21st Centuries (LA)

An exploration of ideas, concepts, and backgrounds of world revolutions in the 20th and 21st centuries. Applying various models of revolution in Europe, Asia, Africa, and the Americas, the course emphasizes culture as the leading influence in modern revolutions. This course counts toward the global requirement for history department majors. Prerequisite: Sophomore standing. (F,Y)

Attributes: AASE, ADSE, G, H, HI3, HM, INBG, LXME, NASE, TPJ, TWOS
3 Credits

HIST 27500 The History of United States Popular Culture (LA)

Explores the history of popular culture in the United States from the earliest mass media genres to the contemporary era, including minstrelsy, novels, photography, baseball, movies, radio, and television. Emphasis is placed upon a number of important themes in American social history and how they affected popular culture differently in different eras – gender roles, race, and the role of changing technology. This course counts toward the U.S. history requirement for department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: 1, H, HI2, HM, HU, TIDE
3 Credits

HIST 27800 Japan under Samurai Rule (LA)

In the United States the word "samurai" often evokes the image of a sword-wielding Japanese male dedicated to martial arts and Zen, nobly pursuing a life of strict discipline and loyalty to his lord – and ready to die at a moment's notice. This romanticized image was lived by few actual samurai over the 450 or so years during which they held sway. This course explores the changing and complex role of the samurai in Japan from 1200 to 1868 and considers what it was like to live under samurai rule for the other 90 percent or so of the population. This course counts toward the global requirement for history department majors. Prerequisite: Sophomore standing or above. (IRR)

Attributes: HI3, HU
3 Credits

HIST 27900 Modern Japan, 1868 to the Present (LA)

In 1868 samurai executed a revolution that would soon dissolve the samurai as a class and begin transformations rapidly bringing Japan in the late 19th century's competitive maelstrom. Japan's new leaders pursued an imperialist path, gradually bringing the nation into conflict with much of Asia and then with the United States and Europe. After World War II, Japan peacefully developed a vibrant culture and dynamic economy. We will consider the forces of change and the processes Japan has experienced and pursued from mid-18th century to its competition with other Asian economies today. This course counts toward the global requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: HI3, INBG
3 Credits

HIST 28100 The Nation-State and its Others, 1789-1914 (LA)

This course will examine the rise of nationalism and the nation-state in the wake of the French Revolution. Topics discussed will include the rise of national and independence movements in the early 19th century as well as national unifications in the late 19th century. This class will also examine the European nations' shifting processes of inclusion and exclusion in the 19th century. Counts toward the European history requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: HI1, HU
3 Credits

HIST 28200 Dictatorships and Democracies in 20th Century Europe (LA)

This will be a study of economic, social, and political events in Europe in the 20th century. A central theme of this course will be why a few countries maintained viable democracies while most others succumbed to dictatorships. Special attention will be given to the similarities and differences in the treatment of minority populations in democracies and dictatorships. Counts toward the European requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: HI1, HM, HU, TIDE, TPJ
3 Credits

HIST 28300 Society and Sovereignty in French History, 1550-1815 (LA)

This class will examine political, cultural, and social transformations in France across three centuries. We will begin with a discussion of the treatment of minorities (Huguenots and women) during the French Wars of Religion (1562-1598). We will then discuss theories of absolutism and their repercussions for the aristocracy. After that, we move to a discussion of the "High Enlightenment" and "Low Enlightenment," considering in particular the relationship of new ideas to changes in political culture on the eve of the French Revolution of 1789. Finally, we will consider continuities and changes in governance, social institutions, and human rights during the decades of revolutionary and napoleonic rule. Prerequisite: Sophomore standing, and WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)

Attributes: HM, LMEL, LSCO, TPJ, WI

3 Credits

HIST 29000 The History of U.S. Foreign Relations (LA)

Survey of the prejudices, values, and ideologies that lie behind U.S. foreign policy. Course covers relations with major states and areas of the world from the origins of the nation until the post-Cold War era. Special attention is given to the relationship between social, economic, and political changes in the United States and their effect on foreign relations over time. This course counts toward the U.S. history requirement for history department majors. Prerequisites: WRTG 10600 or ICSM 10800/11800, and sophomore standing. (F,O)

Attributes: H, HI2, HU, LMEL, LSCO, WI

3 Credits

HIST 29100-29105 Selected Topics: Studies in European History (LA)

Occasional courses of an experimental nature are offered under this number and title. These may be of lecture and/or discussion format, of great breadth, or highly specialized. Any prerequisites are announced when printed descriptions of the study topic are distributed. This course may be repeated for credit for selected topics on different subjects. This course counts toward the European requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: H, HI1, HU

3 Credits

HIST 29200-29204 Selected Topics: Studies in Global History (LA)

Occasional courses of an experimental nature are offered under this number and title. These may be of lecture and/or discussion format, of great breadth, or highly specialized. Any prerequisites are announced when printed descriptions of the study topic are distributed. This course may be repeated for credit for selected topics on different subjects. This course counts toward the global requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: 1, ENHU, ESHI, ESHU, G, H, HI3, HM, HU, TQSF, TWOS

3 Credits

HIST 29300-29304 Selected Topics: Studies in U.S. History (LA)

Occasional courses of an experimental nature are offered under this number and title. These may be of lecture and/or discussion format, of great breadth, or highly specialized. Any prerequisites are announced when printed descriptions of the study topic are distributed. This course may be repeated for credit for selected topics on different subjects. This course counts toward the U.S. requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: HI2, HU

3 Credits

HIST 29900 Independent Study: History (LA)

Special research on an individual project arranged by a student with a particular faculty member. The project may include reading books and/or writing papers under the guidance of the faculty member, with a performance expectation of sophomore-level work. Offered on demand only. Prerequisite: Sophomore standing.

Attributes: UND

1-3 Credits

HIST 30000 History Lab (NLA)

Focuses on honing research and writing skills necessary for upper-level history courses. Addresses all aspects of producing history research papers, including the formulation of research topics and questions; the identification, acquisition, analysis, and citation of primary and secondary sources; and the writing process itself. Should typically be taken simultaneously with a student's first 300-level History course.

Corequisite: Any level-3 HIST course. (F-S,Y)

1 Credit

HIST 30100 The Renaissance and Reformation (LA)

Consideration of the major trends in world history between 1409 and 1660, including the Renaissance, the expansion of Europe, the development of the modern state system, and the Protestant revolts. Also included are major developments in Asia, Africa, and the Americas. This course counts toward the European requirement for history department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: 1, G, H, HI1, HU, RSEA

3 Credits

HIST 30200 The Old Regime and the French Revolution (LA)

Political, social, and intellectual upheaval in 17th- and 18th-century Europe. Rise and decline of absolutism and the age of revolution. Napoleon prior to 1814. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: 1, G, H, HI1, HU

3 Credits

HIST 30300 The Colonial Period of American History: 1607-1763 (LA)

Intensive examination of the origins of American culture and society (family, community, social structure). This course counts toward the U.S. history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (F,O)

Attributes: HI2, HU

3 Credits

HIST 30400 The Age of the American Revolution (LA)

This course will place the American Revolution within the context of colonial demographic, economic, social, political, and cultural development during the latter half of the 18th century. It will focus on the tangible events of colonial resistance, forming a confederation, drafting and ratifying the Constitution, and splitting into opposing political camps as well as the intangible impact of ideologies such as republicanism and nationalism. It will explore more specifically how women, Indians, blacks, the wealthy and the poor affected and were affected by the Revolution. This course counts toward the U.S. history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (S,O)

Attributes: 1, HI2, HU

3 Credits

HIST 30500 Jeffersonian and Jacksonian America: Expansion and Reform (LA)

This course charts the transformation of society from the divisive election of Thomas Jefferson through Andrew Jackson's "age of the common man." Explores the legacy of the American Revolution, westward expansion, slavery, industrialization and the market economy, class, and reform movements such as temperance, moral reform, utopianism, and abolition. Counts toward the U.S. history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: HI2, HU

3 Credits

HIST 30600 The House Divided: The United States in the Long 19th Century, 1800-1914 (LA)

This course traces the development of the United States over the "long 19th century," from 1800 to 1914. Particular attention will be paid to the "House Divided" and the division that led to civil war at mid-century and how reunification facilitated the country's emergence as a world power. This course meets the U. S. distribution requirement for department majors. Prerequisites: Any 200-level HIST course. (IRR)

Attributes: HI2

3 Credits

HIST 30700 The United States in the Age of Global Crisis, 1914-1945 (LA)

Intensive study of the elements that have made the United States a dominant nation in the 20th century. Probes the complex 1920s, the crisis and reform impulses of the Great Depression era, and the impact of both world wars on American society. This course counts toward the United States history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: HI2, HU

3 Credits

HIST 30800 The United States in the Age of Cold War (LA)

Emphasizes the interrelationships between foreign and domestic policy since World War II. Special attention is paid to the Cold War, McCarthyism, the 1950s ethos, the social movements of the 1960s and 1970s, the Vietnam War, and the rise of the political right. This course counts toward the United States history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: HI2, HU

3 Credits

HIST 31000 The American Frontier: 1840-1890 (LA)

A cross-disciplinary perspective on the process of settlement into the trans-Mississippi West, drawing from women's studies, social theory, anthropology, literature, and geography. This course counts toward the U.S. history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: HI2, HU

3 Credits

HIST 31300 The Other Europe: Modern Eastern and Central Europe (LA)

Examines events and developments in Eastern and Central Europe from 1945 through the end of the Cold War. The course reviews the region's historical-cultural background, but concentrates on governance, ideology, politics, economics, society, and culture during the past 50 years. Special focus on the development of independent dissident activities, their challenge to dominant authoritarian models during the period, and the future of the region in a changing Europe. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: G, H, HI1, INBG

3 Credits

HIST 32000 The United States and the Third World (LA)

An examination of the role of the United States in the modern history and cultural evolution of Africa, Asia, the Middle East, and Latin America. Course includes study of the attitudes, influences, and actions of the United States regarding the nations and peoples of these areas in the 19th and 20th centuries. A search for the forces that explain the understanding, or misunderstanding, of third-world cultures by people in the United States. This course counts toward the U.S. history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (S,O)

Attributes: HI2, INBG

3 Credits

HIST 32500 United States Business History (LA)

U.S. business history from 1815 to 1960: a study of the development of the vertically integrated corporation and its social and political impact on American society. This course counts toward the U.S. history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: HI2, HU

3 Credits

HIST 33800 Africa in World Politics (LA)

Examination of the international policy framework of diverse African countries and their participation in regional and global politics. Students explore Africa's changing position in the global economy and complex relationships with the African diaspora, Middle East, communist East, Western societies, and other African countries. Includes contemporary debates over policy responses to the war against terrorism, the global politics of international aid, Western gender diplomacy, AIDS discourse, environment politics, the diamond trails, and African passivity and isolation through a radical recentering of the continent in global politics and history. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: HI1, INBG

3 Credits

HIST 34300 China and the Opium Trade in International Context (LA)

By the early 1800s the British East India Company controlled poppy-growing lands between South and East Asia, expanded opium production and promoted opium addiction in China as a way to solve an unfavorable balance of trade. Using the effects of the opium trade on China, this course examines the connections between narcotics, imperialism in the 19th century, and the many military and political conflicts of the 20th century. This course counts toward the global requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)

Attributes: HI3, HU

3 Credits

HIST 34400 Japan's War in Asia and the Pacific, 1931-1945 (LA)

Long before Pearl Harbor, Japan had seized power in Manchuria (1931) and invaded China proper (1937). Therefore, in the Asian context the conflict is sometimes called the Fifteen-Year War. This course examines the background to Japan's military aggression in Asia, the war within the United States, why the war was conducted with exceptional brutality, and why its repercussions are still felt 60+ years after the war's end. We will investigate tensions among Japan, Asia, and the United States still generated by the residue of the war and seek both causes and possible solutions to those tensions. This course counts toward the global requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)
Attributes: HI3, HU
3 Credits

HIST 35100 English History to 1714 (LA)

Study of English history, principally in the Tudor and Stuart periods: the early Tudors, the culture and institutions of Elizabethan England, the religious and political struggle of Stuart and Cromwellian England. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)
Attributes: HI1, HU
3 Credits

HIST 35200 Monks, Heretics, and Scholars: The Culture of the High Middle Ages (LA)

Focus on the "High Middle Ages" (roughly 1100-1350) in Europe, through a close examination of the areas of greatest cultural and intellectual change. Examines increasing religious controversies, invention of new institutions of learning, and development of new habits of thinking about God and nature. Counts toward either the European or the global requirement for history department majors. Prerequisites: one 200-level HIST course or permission of instructor. (IRR)
Attributes: HI1, HI3, HU, RSEA
3 Credits

HIST 35300 Ancient Greece (LA)

Study of topics in the history of ancient Greek civilization, from the archaic age through the time of the Hellenistic monarchies. Both ancient and modern sources are sampled extensively. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)
Attributes: 1, CSA, G, H, HI1, HU
3 Credits

HIST 35400 Imperial and Weimar Germany (LA)

One of the key questions of German history is whether the nation took a "special path" resulting inevitably in Nazism. This course is organized around this theme. It will examine Germany from the Wars of Unification through the end of the Weimar Republic, focusing particularly on social, political, and economic trends. Counts toward the European history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)
Attributes: GERM, HI1, HU
3 Credits

HIST 35500 Totalitarianism in Germany, 1933-1989 (LA)

In *The Origins of Totalitarianism* Hannah Arendt argued that Nazism and Communism were similar political systems. This idea will be the starting point for this class, which will examine two dictatorships, those of Nazi Germany and the German Democratic Republic (the communist system in East Germany). Counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)
Attributes: GERM, HI1, HU
3 Credits

HIST 36200 Modern European Intellectual History (LA)

A survey of European thought in the modern era, exploring in depth contemporary scientific, religious, aesthetic, and existentialist ideas. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. Also offered through the London Center (F-S,Y); (IRR).
Attributes: 1, G, H, HI1, HU
3 Credits

HIST 36500 Race, Politics, Ideology, and the Coming of the American Civil War, 1820-1861 (LA)

Why did the American Civil War break out in 1861? This course investigates the development of a North versus South mentality during the four decades preceding the American Civil War and why war came when it did. Topics include slavery and the rise of the Old South; the Missouri crisis; nullification and the concurrent majority; territorial expansion; divergent economic development; the Compromise of 1850; Bleeding Kansas; the rise of abolitionist political parties; and secession, among others. This course counts toward the U.S. history requirement for history department majors. Prerequisites: One 200-level HIST course; WRTG 10600 or ICSM 10800 or ICSM 11800. (IRR)
Attributes: HI2, HU, WI
3 Credits

HIST 37000 Slavery and the Old South: From Settlement through Reconstruction (LA)

This course on the Old South will examine the rise and fall of the cotton kingdom with a focus on how the planter elite used slavery to dominate and shape southern society. While the South's colonial antecedents will be considered, the focus of this course will be on the development of the South as a conscious minority during the antebellum era and the death of the Old South as a result of the American Civil War and Reconstruction. This course counts toward the U.S. requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (S,IRR)
Attributes: ADCH, ADSE, HI2, HU, RPPE
3 Credits

HIST 37500 America Through Travelers' Eyes, 1800-1860 (LA)

This course interprets American history through the prism of travelers' reports. Many foreign visitors came to the United States in the early 19th century, drawn by its reputation as a beacon of liberty and innovation. In particular, foreigners sought to understand what democracy looked like in practice; assess how well Americans adhered to the principles articulated during the Revolutionary War; and investigate how a variety of reform movements were transforming society. For majors, this course meets the U.S. distribution requirement. Prerequisites: Any 200-level HIST course. (IRR)
Attributes: HI2
3 Credits

HIST 38300 Revolutionary China (LA)

Study of China and its passage from celestial empire to communist republic through two world wars and two revolutions. The assumptions and realities of China are considered, as well as the processes that led to them. This course counts toward the global requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)

Attributes: AAPL, AASE, HI3, HU, RPRE
3 Credits

HIST 38700 History of Disease and Health in Latin America (LA)

Examination of the history of disease and health in Latin America from the pre-Columbian period until the present day. The course considers the various ways that diseases, and ideas about disease, have been shaped by race, gender, class, nationalist ideologies, agricultural and trade practices, and politics. Counts toward either the European or the global requirement for history department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: HI3, HU, LMEL, LSCO, LXME, RPRE, SS, WGS, WGS3, WGS1
3 Credits

HIST 38800 Revolution and Counterrevolution in the Americas (LA)

This course will follow two broad, and intertwining histories: revolution and counterrevolution within specific Latin American nations and US-Latin American foreign relations. Our main focus is on Central America, Argentina, Mexico, and Chile. In the course we consider how and why state violence occurs, how and why state actors (including the military, the police, and bureaucrats among others) use and rationalize violence, and the relationship between social movements and state repression. Finally, we will investigate how gendered questions of national, ethnic, and community identity, political allegiance, and family shaped political actors on both the left and the right. Prerequisites: One 200-level HIST course. (O)

Attributes: HI3, LSCH, LXME, RPRE, WGSC
3 Credits

HIST 39100-39103 Selected Topics: Studies in European History (LA)

Occasional courses of an experimental nature are offered under this number and title. These may be of lecture and/or discussion format, of great breadth, or highly specialized. Any additional prerequisites are announced when printed descriptions of the study topic are distributed. This course may be repeated for credit for selected topics on different subjects. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)

Attributes: H, HI1, HU
3 Credits

HIST 39200-39205 Selected Topics: Studies in Global History (LA)

Occasional courses of an experimental nature are offered under this number and title. These may be of lecture and/or discussion format, of great breadth, or highly specialized. Any additional prerequisites are announced when printed descriptions of the study topic are distributed. This course may be repeated for credit for selected topics on different subjects. This course counts toward the global requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: HI3, LAEL, LAGC
3 Credits

HIST 39300-39303 Selected Topics: Studies in U.S. History (LA)

Occasional courses of an experimental nature are offered under this number and title. These may be of lecture and/or discussion format, of great breadth, or highly specialized. Any additional prerequisites are announced when printed descriptions of the study topic are distributed. This course may be repeated for credit for selected topics on different subjects. This course counts toward the United States requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: H, HI2, HU
3 Credits

HIST 39500 British History: 1815-1914 (LA)

British history is discussed with major emphasis placed on England in 1815. The Great Reform Act, Robert Peel, Palmerston, Gladstone, trade unions, Ireland, imperialism, liberalism 1906-14, Parliament versus lords, and causes of World War I are discussed. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. Offered only through the London Center. (F,Y)

Attributes: HI1, HU
3 Credits

HIST 39600 Modern British History 1914 to Present (LA)

Great Britain's role in Europe and the East since World War I. Major emphasis is placed on British foreign policy and the figures of Lloyd George, Chamberlain, Churchill, MacMillan, and Wilson. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. Offered only through the London Center. (S,Y)

Attributes: H, HI1, INBG
3 Credits

HIST 39900 Independent Study: History (LA)

Special research on an individual project arranged by a student with a particular faculty member. The project may include reading books and/or writing papers under the guidance of the faculty member, with a performance expectation of junior-level work. Offered on demand only. Prerequisites: Junior standing, or equivalent.

Attributes: UND
1-3 Credits

HIST 48100-48101 European Research Seminar (LA)

Intensive reading, research, and writing seminar in European history, culminating in a significant research paper. This course counts toward the European requirement for history department majors. Must be taken at home campus. This course may be repeated for credit for different selected topics. Prerequisites: Permission of instructor. (Y)

Attributes: HI1, HU, WI
3 Credits

HIST 48200-48201 Global Research Seminar (LA)

Intensive reading, research, and writing seminar in Global history, culminating in a significant research paper. This course counts toward the Global requirement for history department majors. Must be taken at home campus. This course may be repeated for credit for different selected topics. Prerequisites: WRTG10600 or ICSM10800-10899 or ICSM11800-11899; permission of instructor. (Y)

Attributes: AACI, AASE, HI3, LAEL, LAGC, WI
3 Credits

HIST 48300-48301 United States Research Seminar (LA)

Intensive reading, research, and writing seminar in United States history, culminating in a significant research paper. This course counts toward the United States requirement for history department majors. Must be taken at home campus. This course may be repeated for credit for different selected topics. Prerequisites: Permission of instructor. (Y)

Attributes: HI2, HU, WI

3 Credits

HIST 49100 European Research Tutorial (LA)

Intensive reading, research, and writing tutorial in European history, culminating in a significant research paper. Students share a common syllabus but meet individually with faculty. This course counts toward the European requirement for history department majors. Must be taken at home campus. This course may be repeated for credit for different selected topics. Prerequisites: Permission of instructor. (IRR)

Attributes: HI1, WI

3 Credits

HIST 49200 Global Research Tutorial (LA)

Intensive reading, research, and writing tutorial in Global history, culminating in a significant research paper. Students share a common syllabus but meet individually with faculty. This course counts toward the Global requirement for history department majors. Must be taken at home campus. This course may be repeated for credit for different selected topics. Prerequisites: Permission of instructor. (IRR)

Attributes: HI3, WI

3 Credits

HIST 49300 United States Research Tutorial (LA)

Intensive reading, research, and writing tutorial in United States history, culminating in a significant research paper. Students share a common syllabus but meet individually with faculty. This course counts toward the United States requirement for history department majors. Must be taken at home campus. This course may be repeated for credit for different selected topics. Prerequisites: Permission of instructor. (IRR)

Attributes: HI2, HU, WI

3 Credits

HIST 49400 History Capstone (LA)

Provides history and social studies majors with a capstone experience for both the Ithaca Core Curriculum and their work in their majors. Students reflect upon their learning in the various components of the ICC, the way the ICC relates to the discipline of History, in addition to connecting their undergraduate work to the paths they will take after graduation.

Restricted to history and social studies with teaching option majors only.

Prerequisite: Senior standing. Pass/Fail only. (F,S,Y)

Attributes: CP, HI2, HU

1 Credit

HIST 49500 History Internship (NLA)

An opportunity for practical experience in a variety of history-related activities in the United States, under the joint supervision of the sponsoring agency and a history department faculty member. Internships are arranged individually and must be approved by the chair of the history department. Prerequisites: Four history courses; junior standing or above; permission of instructor and chair. Available for variable credit; only may be counted toward the history major. (IRR)

Attributes: HI2, UND

1-6 Credits

HIST 49700 International History Internship (NLA)

An opportunity for practical experience in a variety of history-related activities under the joint supervision of the Office of International Programs (London Center) and a history department faculty member on the Ithaca College campus. Internships are arranged individually through the Office of International Programs, but must be approved by the chair of the history department. Prerequisites: Three history courses, two of which are at level 3 or above; permission of instructor and chairperson. (IRR)

Attributes: HI1

1-4 Credits

HIST 49900 Independent Study: History (LA)

Special research on an individual project arranged by a student with a particular faculty member. The project may include reading books and/or writing papers under the guidance of the faculty member, with a performance expectation of senior-level work. Offered on demand only. Prerequisites: Senior standing, or equivalent.

Attributes: UND

1-3 Credits

Ithaca College Honors (HNRS)

HNRS 15000 Cultural Encounters with Ithaca College (LA)

Provides students with a structured platform for exploring the cultural offerings at Ithaca College. The seminar explores questions about Ithaca College culture including what it is and how it is shaped. Students will address these questions through attendance at cultural events, through writing about and discussing such events, and through background reading. Open only to students in the Ithaca College Honors Program. (Y)

Attributes: HN

3 Credits

HNRS 20000-20065 Honors Academic Seminar (LA)

Interdisciplinary seminars on a variety of topics open only to students in the Ithaca College Honors Program. Prerequisite: One honors course. (Y)

Attributes: HN

3 Credits

HNRS 21000-21005 Honors Scholarly Conversations (LA)

Seminars focusing on intellectual careers or issues associated with the works of major visiting scholars at Ithaca College. Open only to students in the Ithaca College Honors Program. This course can be repeated for up to Prerequisite: One honors course. (Y)

Attributes: 1, DV, G, HN

1-3 Credits

HNRS 21500 Honors International Scholarly Conversation (LA)

Focuses on intellectual careers or scholarly problems associated with major international visiting scholars at Ithaca College. Many of these scholars are Fulbright scholars invited to campus for this course.

Prerequisite: One honors course. (F,S,Y)

Attributes: 1, DV, G, HN

3 Credits

HNRS 22000-22010 Honors Design Lab (LA)

Interdisciplinary design lab for students to investigate a variety of contemporary problems and issues. Open only to students in the Ithaca College Honors Program. Prerequisite: One honors course. (I)

Attributes: HN

1-3 Credits

HNRS 23000-23033 Honors Short Seminar (LA)

Distinctive seminars on a variety of focused topics with a singular theme of learning. Open only to members of the Ithaca College Honors Program. Prerequisite: One honors course. (Y)

Attributes: HN

1-2 Credits

HNRS 24000-24024 Honors Slow Read (LA)

Distinctive seminars each focusing on one significant book. Open only to members of the Ithaca College Honors Program. Prerequisite: One Honors course. (Y)

Attributes: HN

1 Credit

HNRS 25000 Civic Engagement Seminar (LA)

This course draws on theory, research and personal accounts to explore forms of civic engagement and evaluate the opportunities and challenges each offers toward positive social change. We begin by defining civic engagement and assessing needs and strengths of the local community. Students engage with a community organization and critically reflect on their experience. They reflect on their own personal motivations and experiences with civic engagement, and how their own social identities influence social change efforts. This course fulfills the civic engagement requirement of the Honors program. Student commitment include 30 contact hours with the community organization as well as cultural competency training, class time, and reading and writing outside of class. Prerequisites: One HNRS course.

Attributes: HN

3 Credits

HNRS 27000 Honors: London as Text (LA)

Seeks to immerse students in the amazing cosmopolis of London. Participants in this seminar will not tour the city so much as interrogate it. Investigations will extend to as many aspects of the city as we can manage in a semester, and the objects of those inquiries will be as varied as the interests of the participants. Open only to members of the Ithaca College Honors Program. Prerequisite: One Honors course. (F, Y)

Attributes: HN

3 Credits

HNRS 30000 Honors Capstone (LA)

Students reflect on their Honors experience as they complete the Cursus Honorum. Open only to members of the Ithaca College Honors Program. Prerequisite: Junior Standing. (Y)

Attributes: HN

1 Credit

HNRS 39000 Honors Independent Study (LA)

Students register for independent interdisciplinary study in an area of interest. Students develop a project in consultation with a faculty sponsor. Open only to students in the Ithaca College Honors Program. Prerequisite: of level 2 HNRS courses; permission of the Honors Director. (I)

Attributes: HN

1-3 Credits

HNRS 39500 Honors Internship (NLA)

Combines academic studies with responsibilities and experiences in a professional setting. Supervision is provided by an on-site professional. Students are required to submit periodic written field reports, as well as a final internship experience report. Open only to students in the Ithaca College Honors Program. Prerequisites: Junior standing; permission of Honors Director. (IRR)

Attributes: HN

1-6 Credits

HNRS 40000 Honors Senior Seminar in Interdisciplinary Studies (LA)

This course is the culminating experience for students in the Honors Minor in Interdisciplinary Studies. Students engage in collaborative scholarly research or creative production involving interdisciplinary inquiry, dialogue, and problem-solving. Prerequisites: One three-credit 20000-level HNRS course and Senior standing. (F,S)

Attributes: HN

3 Credits

(IC)2 Integrated Curriculum (ICIC)

ICIC 10000 Integration: Connecting the Disciplines (LA)

How will we meet the complex challenges of the 21st century? We'll need to find ways to combine insights and ideas from many fields of study and use them creatively. Concepts and tools from systems science and design can help us do this. This minicourse introduces them through a series of engaging learning activities. Pass/Fail. (F,S)

Attributes: HM, SO, TIDE, TIII, TMBS, TPJ, TQSF, TWOS

1 Credit

ICIC 12000 Insight: Combining Expertise (LA)

How can we combine insights from disciplinary experts to address complex issues? Guest experts from a variety of disciplines will discuss how researchers and practitioners in each of their disciplines would address a significant current issue, which varies by course section. Techniques are introduced to combine their insights and lead to deeper understanding and more powerful solutions. Pass/Fail. (F,S)

Attributes: HM, SO, TIDE, TIII, TMBS, TPJ, TQSF, TWOS

1 Credit

ICIC 13000 Creativity: Transforming Insights into Ideas (LA)

Where do great ideas come from? Can we become better at generating them? A series of significant challenges are posed, and a rich variety of creativity techniques and principles are introduced to meet them. Creativity skills that will apply in many contexts are developed. Pass/Fail. (F,S)

Attributes: HM, SO, TIDE, TIII, TMBS, TPJ, TQSF, TWOS

1 Credit

Attributes: HM, SO, TIDE, TIII, TMBS, TPJ, TQSF, TWOS

1 Credit

ICIC 14000 Character: Developing Habits for Good (LA)

How can we best serve society? By each and every day making choices that do good for others as well as ourselves. The content and development of character are explored through a series of challenging activities and assignments. Tools for examining and intentionally altering patterns of thought and action to better serve society are introduced. Pass/Fail. (F,S)

Attributes: HM, SO, TIDE, TIII, TMBS, TPJ, TQSF, TWOS

1 Credit

Attributes: HM, SO, TIDE, TIII, TMBS, TPJ, TQSF, TWOS

1 Credit

ICIC 15000 Contemplation: Understanding the Self as Learner (LA)

To be integrative, holistic learners, we must learn to listen to our inner voice, and appreciate our unique lived experience for the perspective it brings to bear on how and what we learn. Through the study and practice of different mindfulness exercises, we will build capacity for attention regulation, emotion regulation, cognitive regulation, and compassion.

Through weekly journaling students will reflect on how these capacities shape their learning experience and how they know what they know. We end the course with student presentations of their learning and plans for continued use of these new skills for self-knowing and learning. (B,F,S)

Attributes: HM, SO, TIDE, TIII, TMBS, TPJ, TQSF, TWOS

1 Credit

Ithaca College Seminar (ICSM)

ICSM 10500 Ithaca Seminar (LA)

An interdisciplinary liberal arts course that supports the academic and social transition to Ithaca College. The course will introduce the first year student to college level liberal arts inquiry, the ICC, and the e-portfolio. This course is open only to first semester first-year students, and students may not earn credit for more than one ICSM course. (F,S) 4 Credits

ICSM 10800 Ithaca Seminar in Writing (LA)

An interdisciplinary academic writing and liberal arts course that supports the academic and social transition to Ithaca College. The course will introduce the first year student to college level liberal arts inquiry, the ICC, and the eportfolio. This course fulfills the First Year Composition requirement of the ICC and is equivalent to WRTG 10600. This course is open only to first semester first-year students and students may not earn credit for more than one ICSM course. (F) 4 Credits

ICSM 11000 Honors Ithaca Seminar (LA)

An interdisciplinary liberal arts course offered as part of the Honors Minor in Interdisciplinary Studies, which supports the academic and social transition to Ithaca College. The course will introduce the first-year student to college level liberal arts inquiry, the ICC, and the e-portfolio. This course is open only to first semester first-year students and students may not earn credit for more than one ICSM course. Students admitted into the Honors Minor in Interdisciplinary Studies must enroll in this seminar or in ICSM 11800 Honors Ithaca Seminar: Writing. (F) Attributes: HN 4 Credits

ICSM 11800 Honors Ithaca Seminar: Writing (LA)

An interdisciplinary liberal arts course offered as part of the Honors Minor in Interdisciplinary Studies, which supports the academic and social transition to Ithaca College. This Ithaca Seminar is equivalent to WRTG 10600. The course will introduce the first-year student to college level liberal arts inquiry, the ICC, and the e-portfolio. Students admitted into the Honors Minor in Interdisciplinary Studies, must enroll in this seminar or in ICSM 11000 Honors Ithaca Seminar. This course is open only to first semester first-year students and students may not earn credit for more than one ICSM course. (F) Attributes: HN 4 Credits

ICSM 12000 Innovation Scholars Ithaca Seminar (LA)

An interdisciplinary liberal arts course, offered as part of each of the Innovation Scholars programs, and which supports the academic and social transition to Ithaca College. The course will introduce the first-year student to college-level liberal arts inquiry and serve as an introduction to the ICC. This course is open only to first-semester first-year students accepted into one of the Innovation Scholars programs and students may not earn credit for more than one ICSM course. (F) 4 Credits

ICSM 17000 Meeting the Challenges of Effectively Transitioning to Ithaca College (LA)

Seminar course designed to assist students in their transition to Ithaca College. The course will examine topics to build academic success such as time management, reflection, self-regulated learning, goal setting, study skills, test taking strategies, and success planning. (F,S) 1 Credit

ICSM 19000 ICSM: Transfer Student Seminar (LA)

Seminar course designed to introduce transfer students to the ICC by discussing the role of the liberal arts in the 21st century, introducing students to reflective thinking, developing awareness of campus resources, and establishing the student's electronic portfolio. (F,S) 1 Credit

ICSM 20000 Principles of Peer Mentoring and Leadership in the ICSM Program (NLA)

This is an experiential learning course which assigns students to a first-year Ithaca Seminar in the role of student 'Peer Leader' (an ambassador or assistant who works with a faculty member to engage first-year students in transition-to-college topics) and provides support, training, and reflection on this mentorship/leadership role. Students enrolled in this course will be assigned to an Ithaca Seminar course and collaborate with a corresponding faculty member. In addition, students will attend sessions to identify and develop their own mentorship/leadership styles, discuss Ithaca Seminar classroom experiences, and begin to connect mentorship/leadership theory and practice. Prerequisites: Any ICSM 10500, ICSM 10800, ICSM 11000, ICSM 11800, or ICSM 19000 course, and instructor approval. (F) 0-1 Credits

Interdisciplinary Studies Prog (IISP)

IISP 49800 H&S Integrative Core Curriculum Capstone (LA)

Explores the relationships between the various components of the integrative core curriculum (ICC), the student's primary major, other learning experiences at the College, and future goals. Reflection on the role of a liberal arts education. Students enrolling in this course should have completed most of the requirements of the ICC. Pass/fail. Prerequisites: Senior standing and open only to students in the School of Humanities and Sciences. (F,S,Y) Attributes: CP 1 Credit

International Business (INTB)

INTB 10300 Minicourses in Int'l Bus (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR) 1.5 Credits

INTB 10301-10303 Minicourses in International Business (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR) 1.5 Credits

INTB 10400-20402 Mini-courses in International Business (NLA)

Block courses on current topics of interest to faculty and students. Prerequisites: As appropriate to topics; This course is not available to students who are currently enrolled in, or who have successfully completed INTB 26500. (Y) 1.5 Credits

INTB 26500 International Business Operations (NLA)

A survey of the major functional areas of managing international business operations. Emphasis is on how decisions are influenced by cultural, economic, financial, marketing, administrative, and legal conditions. Prerequisites: ECON 12100; sophomore standing. (F,Y)

Attributes: 1, G, UND

3 Credits

INTB 29700 Business in China (NLA)

An overview of the key features of Chinese culture and their business implications, growing globalization of the Chinese socialist economy since late 1970s and consequences for China's economic development, companies and society at large. The course also examines some of the main challenges China has confronted such as environmental pollution, uneven regional development, and income inequality. Prerequisites:

Sophomore standing. (Y)

3 Credits

INTB 30400-30402 Mini-courses in International Business (NLA)

Block courses on current topics of interest to faculty and students.

Prerequisites: As appropriate to topics. (Y)

1.5 Credits

INTB 36000 International Management of Human Resources (NLA)

Discussion of structural, cultural, and legal implications of human resource management in multinational companies. Topics include different organizational structures for international operations and how firms from different nations manage their staffing, training and development, performance appraisal, compensation, and labor relations.

Prerequisites: HRM 34000, junior standing. (IRR)

3 Credits

INTB 39700 Selected Topics: International Business (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)

Attributes: GERM

1-3 Credits

INTB 40400-40402 Mini-courses in International Business (NLA)

Block courses on current topics of interest to faculty and students.

Prerequisites: As appropriate to topics. (Y)

1.5 Credits

INTB 48000 Export-Import Operations (NLA)

Overview of the major considerations involved in the export-import process. Exploration of documentation, transportation, marketing, and finance of export and import operations. Discussion of legal aspects and legislative constraints confronting exporters and importers, along with governmental support programs, where available. Concentrates on the relevant issues in exporting from and importing into the United States; parallel examples from other countries are given where information is available. Prerequisites: INTB 26500 or INTB 38000; junior standing. (IRR)

3 Credits

INTB 49000 Seminar in International Business (NLA)

A capstone course in international business that analyzes a number of cases using knowledge and skills from previous courses in international business or those with global/comparative content. The main objective is to develop a clear understanding of problems and practices of decision making in international business operations. Prerequisites: INTB 26500 and any three-credit level-3 or higher INTB; FINA 37000, GBUS 31000, or MKTG 38000; senior standing. (S,Y)

3 Credits

INTB 49700 Selected Topics: International Business (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)

Attributes: GERM, UND

1-3 Credits

INTB 49800 Internship with Academic Enhancement (NLA)

Off-campus experience involving varied, nonroutine work projects designed to allow students to synthesize academic theory with real-world operations of an organization. Primary responsibility is on the student to develop a project proposal and then carry out its requirements in conjunction with a faculty sponsor. Internship credit falls under the business elective category in the degree requirements. A maximum of may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Prerequisites: Senior standing; completion of appropriate principles course; a minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application and permission of instructor.

Pass/fail only. (F, S, SUM, W)

1-6 Credits

INTB 49900 Independent Study: International Business (NLA)

This course allows students to work with faculty on an individual basis, focusing on a topic of interest to both the student and faculty. The content of the course, coverage, delivery format, and the method of determining grades will be mutually agreed upon and must be included in the course proposal submitted along with the independent study form for approval by the dean. Guidelines are available in the School of Business dean's office. A variable amount of credit may be earned toward the degree. Students must have a 3.00 cumulative grade point average and must have completed at least in the subject matter. Prerequisites: Dean permission. (B,F,S,IRR,U,Y)

1-3 Credits

Integrative Studies (INST)

INST 29900 Independent Study: Integrative Studies (LA)

Students may register for independent study in areas that have cross-disciplinary aspects or that are not available elsewhere in the College. Interested students should obtain the independent study application form and guidelines from the office of the dean and develop a project in consultation with a faculty sponsor. Offered on demand only.

Prerequisites: Approval of adviser; permission of department chairs and dean.

1-4 Credits

INST 29910 Independent Study: Integrative Studies Non-LA (NLA)

Students may register for independent study in non-liberal arts areas that have cross-disciplinary aspects or that are not available elsewhere in the College. Interested students should obtain the independent study application form and guidelines from the office of the dean and develop a project in consultation with a faculty sponsor. Offered on demand only. Prerequisites: Approval of adviser; permission of department chairs and dean.

1-4 Credits

INST 30000 Seminar in Integrative Studies (LA)

An investigation into the nature of integrative and interdisciplinary studies. Students will formulate a proposal for the Integrative Studies senior project. Prerequisites: Junior standing and major in integrative studies. (Y)

1 Credit

INST 39700 Internship: Integrative Studies (NLA)

Together with a faculty sponsor, students develop an interdisciplinary work-study project that combines an academic core with responsibilities in a professional setting. A design statement must be developed and approved in advance. Application forms and guidelines are available in the office of the dean. A maximum of 12 internship credits may be counted toward a degree; advance approval by the provost is required for the 7th to 12th credits. Prerequisites: Completion of most of a major relevant to the work experience; permission of department chairs and dean. Variable credit.

1-6 Credits

INST 39900 Independent Study: Integrative Studies (LA)

Students may register for independent study in areas that have cross-disciplinary aspects or that are not available elsewhere in the College. Interested students should obtain the independent study application form and guidelines from the office of the dean and develop a project in consultation with a faculty sponsor. Offered on demand only. Prerequisites: Approval of adviser; permission of department chairs and dean.

1-4 Credits

INST 39910 Independent Study: Integrative Studies Non-LA (NLA)

Students may register for independent study in areas that have cross-disciplinary aspects or that are not available elsewhere in the College. Interested students should obtain the independent study application form and guidelines from the office of the dean and develop a project in consultation with a faculty sponsor. Offered on demand only. Prerequisites: Approval of adviser; permission of department chairs and dean.

1-4 Credits

INST 40000 Integrative Studies Capstone (LA)

Provides an integrative, synthetic summary of the student's interdisciplinary training. Culminates in the creation of a senior portfolio. Prerequisites: Senior standing and major in integrative studies. (Y)

Attributes: CP

1 Credit

INST 49000 Senior Project: Internship (NLA)

Combines academic studies with responsibilities and experiences in a professional setting. Supervision is provided by an on-site professional. Students are required to submit periodic written field reports, as well as a final internship experience report. Prerequisites: Senior standing; integrative studies major; permission of instructor. (Y)

3-6 Credits

INST 49100 Senior Project: Independent Study (LA)

Students register for independent, in-depth, integrative study in areas that have multi-disciplinary aspects. Forms and guidelines are available from the office of the dean. Students develop a project in consultation with a faculty sponsor. Prerequisites: Senior standing; integrative studies major; permission of instructor. (Y)

3-4 Credits

INST 49200 Senior Project: Applied Independent Study (NLA)

Students register for in-depth, hands-on integrative study in areas related to their integrative studies. Students develop an applied project in consultation with a faculty sponsor. Forms and guidelines are available from the office of the dean. Prerequisites: Senior standing; integrative studies major; permission of instructor. (Y)

3-4 Credits

Italian (ITAL)

ITAL 10100 Elementary Italian I (LA)

Beginning course. Practice in understanding, speaking, reading, and writing simple idiomatic Italian, with special attention to Italian culture. Emphasizes participation and self-expression. Open to students with no previous Italian, or by placement examination. (F,S,Y)

Attributes: 3A, G, HM, HU, TIDE

3 Credits

ITAL 10200 Elementary Italian II (LA)

Continuation of ITAL 10100. Limited to students who have successfully completed ITAL 10100 with a grade of C- or better, or by placement examination. Prerequisites: ITAL 10100 or equivalent. (F,S,Y)

Attributes: 3A, G, HM, HU, TIDE

3 Credits

ITAL 20100 Intermediate Italian I (LA)

Develops intermediate-level proficiency in speaking, listening, reading, and writing Italian. Special emphasis is given to Italian culture.

Prerequisites: ITAL 10200 with a grade of C- or better. (F,S,Y)

Attributes: 3A, G, HM, HU, TIDE

3 Credits

ITAL 20200 Intermediate Italian II (LA)

Continuation of ITAL 20100. Develops intermediate-level proficiency in speaking, listening, reading, and writing Italian. Special emphasis is given to Italian culture. Prerequisites: ITAL 20100 with a grade of C- or better. (F,S,Y)

Attributes: 3A, G, HM, HU, TIDE

3 Credits

ITAL 20500 Italy: Language and Culture (LA)

A three-week study abroad course that emphasizes learning Italian language skills, with an overview of the history and culture of Italy. The course will be based in Siena, Italy, with brief visits to other cities, including Florence, Venice, and Rome. The course includes a conversationally based Italian class and on-site sessions devoted to learning about the culture and civilization of Italy. Students will incur additional costs. Prerequisites: ITAL 10100 or the equivalent; application through the Office of International Programs. (Sum,IRR)

Attributes: G, HU, INBG

3 Credits

ITAL 25000 The Love that Moves the Sun and Stars: Dante's Divine Comedy in Translation (LA)

Students read and discuss, in English translation, Dante Alighieri's masterwork *The Divine Comedy*, an encyclopedic poem composed of three parts: *Inferno*, *Purgatorio*, and *Paradiso*. The course considers the text on the literal and allegorical levels, as Dante intended, with a focus on love as the key concept that forms the core of the universe. It also explores the text's sources and influences, including works in the visual arts that *The Divine Comedy* has inspired over the centuries. The course is taught in English with bi-lingual texts available for students of Italian. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: CTE

3 Credits

ITAL 27000 Inferno to Infinity: Italian Literature in Translation (LA)

An overview of Italian literature from the Middle Ages through modernity, through a study of principal works of major authors and representative works of various periods. Readings and all class activities are in English. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: CTE, G, H, HM, HU, TIDE, TIII

3 Credits

ITAL 29900 Independent Study: Italian (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: Permission of instructor and chairperson. (IRR)

Attributes: UND

1-3 Credits

ITAL 32300 Parliamo! Italian Conversation (LA)

Extensive oral practice using selected topics as a basis for conversation, discussion, and presentation of short talks. Prerequisites: ITAL 20200 with a grade of C- or better, or equivalent. (IRR)

Attributes: 3A, CCCS, G, HU

3 Credits

ITAL 32400 Conversazione e Cultura (LA)

Extensive oral practice with a focus on Italian culture for conversation, discussion, and presentation of short talks. Prerequisites: ITAL 20200 with a grade of C- or better, or equivalent. (IRR)

Attributes: 3A, CCCS, G, HU

3 Credits

ITAL 32800 Practice in Reading and Writing in Italian (LA)

Develops spoken and written communication skills at the third-year level. Reading and discussion of contemporary material. Writing practice with an emphasis placed on developing grammar skills. Laboratory exercises. Prerequisites: ITAL 20200 with a grade of C- or better. (IRR)

Attributes: 3A, G, HU

3 Credits

ITAL 33000 The Italian Americans (LA)

This course examines the experience and assimilation of Italian immigrants to the United States. It will explore general themes: the conditions in southern Italy that compelled Italians to emigrate; the role of the family; the effects of prejudice; Italian-American women; portrayals of popular culture; the future of Italian-Americans. Taught in English. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: CTE, DV, G, H, HU, SS

3 Credits

ITAL 34000 Italian Contemporary Culture (LA)

This course introduces students to Italian contemporary art, popular music, literature, cinema, social and regional differences, politics, traditional festivities, mass media, and regional cuisine. Students will practice speaking, reading, comprehension, and writing by discussing and analyzing selected materials and Italian newspapers. The course will be conducted in Italian. Prerequisites: ITAL 32300, ITAL 32400, or ITAL 32800. (IRR)

Attributes: G, HU, INBG

3 Credits

ITAL 34500 Italian Culture: A Culinary Journey (LA)

This course introduces students to Italian culture through the lens of its rich culinary tradition. Students explore a wide range of culinary-related materials, such as films, recipes, restaurant reviews, cooking shows, websites, and songs, as well as literary texts. Cultural topics considered include territory, regional differences, influences of recent immigration patterns, etiquette, and changing lifestyles. Taught in English, but with extensive practice in speaking, reading, comprehension, and writing in Italian. (IRR)

Attributes: HU

3 Credits

ITAL 35000 Italian Culture through Cinema (LA)

This course is intended to introduce students to the language, culture, history, and changing social issues depicted by Italian cinema of the past four decades. Special attention will be paid to the integration of films with close reading, discussion, and analysis of literary and cinematic texts that address such issues as national identity, immigration and emigration, the rise and fall of Fascism, the new republic, the north/south question, and contemporary regional cultural differences. The course, moreover, affords extensive practice in speaking, reading, comprehension, and writing in Italian. Prerequisites: ITAL 20200. (IRR)

Attributes: HU, INBG, SCE

3 Credits

ITAL 35500 Italian Translation in Practice (LA)

Practical introduction to the world of translation and its relationship to culture and ethics through the analysis and translation of literary and non-literary texts (articles, brochures, documents) from Italian to English. Prerequisites: one 300 level Italian course or permission of instructor. (IRR)

3 Credits

ITAL 36000 Everybody on Stage: The Magic of Italian Theater (LA)

Provides a hands-on introduction to the liveliest genre of Italian literature, improving oral and writing skills through a close reading and dramatic delivery of selected texts by masters such as Carlo Goldoni, Luigi Pirandello, and Dario Fo. Prerequisite: ITAL 20200 with a grade of C- or higher. (IRR)

Attributes: HU

3 Credits

ITAL 36500 Nineteenth- and Twentieth-Century Italian Literature (LA)

A study of selected literary works by key authors from the late 19th through the 20th centuries. Readings may include novels, plays, and short stories by writers such as Verga, Pirandello, and Calvino. Taught in Italian. Prerequisites: One level-3 Italian course taught in Italian, or equivalent. (IRR)

Attributes: 3A, G, HU

3 Credits

ITAL 37000 Love, Lust, and the Black Death: Boccaccio's Decameron (LA)

A study of Giovanni Boccaccio's masterpiece: a collection of short stories written at the dawn of the Renaissance and shadowed by the devastation of the plague. The tales encompass a wide range of themes from tragic to comic and heroic to vulgar, providing ample material for discussion of Italian culture and literature in both historical and contemporary contexts. Taught in Italian. Prerequisites: One level-3 Italian course except ITAL 33000. (IRR)

Attributes: HU

3 Credits

ITAL 37500 Images of Hell: Dante's Inferno (LA)

This course studies Dante Alighieri's *Divina Commedia: Inferno* in the original Italian. This text, written 700 years ago, played a critical role in shaping the language and literature of Italy. The course includes explorations of the profound and lasting influence of Dante's work on literature, art, and culture in Italy and beyond. Taught in Italian. Prerequisites: One level-3 Italian course except ITAL 33000. (IRR) Attributes: HU 3 Credits

ITAL 38000-38009 Selected Topics in Italian Literature and Culture (LA)

Study of a genre, time period, group of authors, or single major writer. Students may only take two selected topics courses, for a total of six credits. Taught in Italian. Prerequisites: Two Italian courses at level 3, or equivalent. (IRR) Attributes: 3A, G, HU 3 Credits

ITAL 39900-49900 Independent Study: Italian (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: ITAL 32300, ITAL 32400, or equivalent; permission of instructor and chairperson. (IRR) Attributes: UND 1-3 Credits

Jazz Studies (JAZZ)

JAZZ 16100 Survey of Jazz History (LA)

A one-semester course for non-music majors and music majors. The study of jazz history from 1890 to the present, with much required listening and reading outside class. Origins, blues, New Orleans Dixieland, Chicago Dixieland, ragtime, boogie woogie, swing, bebop, cool, funky, and eclectic era (i.e., free jazz, third stream, contemporary, big bands, jazz-rock fusion, advancements in improvisation, and electronics). This course is required for jazz studies majors and may be used as a music elective for other bachelor of music degrees. (F) Attributes: 3B, ADCH, ADSE, FA, H 2 Credits

JAZZ 16500 Basic Music Calligraphy (NLA)

Use of the copying pen; laying out the work for easy page turns and readability; copying parts from both concert and transposed scores; writing piano parts; correcting arranger's or composer's mistakes; special problems with rhythm-section instruments; proper writing in all clefs; proper use of notation; lettering; titles; fixing mistakes; flags; rests; dots; note heads and stems; beams; ledger lines; time and key signatures; accidentals; dynamics, slurs, ties, and other articulations; shorthand and shortcuts; tremolos; instrument cues; multi-copying lyrics; many copying projects throughout the semester, including copying all the parts for a complete large jazz band orchestration. (F,IRR) 1 Credit

JAZZ 16600 Jazz Piano I (NLA)

Classroom instruction in functional jazz keyboard; open voicings of 7th, 9th, and 13th chords beginning with ii-V-I progressions in major and minor keys; rootless close voicings; basic comping techniques and patterns; melodic improvisation; interpreting a lead sheet; the blues; jazz styles; solo piano. The course focuses on interpretation and performance of standard pieces from the jazz repertoire through individual keyboard application in a class setting. Prerequisite: PFSM 17200 and MUTH 12200/12201. (F-S) 1 Credit

JAZZ 16700 Jazz Piano II (NLA)

A continuation of JAZZ 16600 to prepare the student for a variety of performance situations and voicings; comping styles; walking bass; technique for soloing and chord substitutions; solo piano styles; contemporary jazz styles. As in Jazz Piano I, the course focuses on interpretation and performance of standard jazz pieces through individual keyboard application in a class setting. Prerequisites: JAZZ 16600. (S) 1 Credit

JAZZ 17000 Jazz Private Study I, major instrument (NLA)

Private study in jazz for Jazz Studies majors only. Students take 2 semesters of JAZZ 17000 for each semester. Corequisite: JAZZ 19900. (F-S) 2 Credits

JAZZ 17001 Jazz Private Study I, minor instrument or concentration (NLA)

Private study in jazz. For Jazz Studies majors and concentrations only. Jazz Studies majors take 2 semesters of JAZZ 17001 for each semester. Jazz Studies concentrations may take JAZZ 17001 as an elective toward the jazz concentration requirements. (F-S) 1 Credit

JAZZ 19900 Jazz Repertoire and Pedagogy (NLA)

Students meet weekly as a group with their jazz study teacher(s) to perform repertoire and discuss performance technique and pedagogy. Pass/Fail only. (F,S) 0.5 Credit

JAZZ 20000 Jazz Theory and Aural Training I (LA)

Introduces and vigorously drills jazz chords and chord symbol notation, modes, scales, chord-scale relationships, and jazz forms. Activities will include transcribing and performing; students will be required to bring their instruments to each class. Prerequisites: MUTH 10100 or MUTH 10101. (F-S-B) Attributes: FA 1 Credit

JAZZ 20100 Jazz Theory and Aural Training II (LA)

Introduces and vigorously drills advanced jazz chords and chord symbol notation, modes, scales, chord-scale relationships, and jazz forms. Activities will include transcribing and performing; students will be required to bring their instruments to each class. Prerequisites: JAZZ 20000. (F-S-B) Attributes: FA 1 Credit

JAZZ 21000 Jazz Standards and Literature I (NLA)

Introduces the jazz standard repertoire critical to functioning as a musician in a jazz combo. Memorizing the melodies, chord progressions, lyrics (as appropriate) and improvising on the songs in all 12 keys will be the primary activities. There will also be a transcription assignment, where each student will be required to transcribe an improvised solo by a major jazz artist, and present that solo to the class, and play along with the recording. Prerequisites: JAZZ 20100. (2 cr.) (S) 2 Credits

JAZZ 23000 Jazz Tune Writing (NLA)

Legendary jazz trumpeter Clark Terry taught that learning jazz can be broken down into three essential steps: imitation, assimilation and innovation. This course will focus on the first two steps, imitation and assimilation. Basic techniques of tune writing are presented and explored in relation to the work of specific jazz composers whose works are rooted in the creative use of tonal harmonic relationships. Students listen to and analyze tunes by composers such as Bill Evans, Tadd Dameron, Thelonious Monk, Bob Brookmeyer, and Wayne Shorter, and compose original tunes using the musical vocabulary and techniques utilized by those composers. Prerequisites: JAZZ 20100. (S)
2 Credits

JAZZ 27000 Jazz Private Study II, major instrument (NLA)

Private study in jazz for Jazz Studies majors only. Students take 2 semesters of JAZZ 27000 for each semester. Corequisite: JAZZ 19900. Prerequisites: 2 semesters of JAZZ 17000. (F-S)
2 Credits

JAZZ 27001 Jazz Private Study II, minor instrument (NLA)

Private study in jazz for Jazz Studies majors. Jazz Studies majors take 2 semesters of JAZZ 27001 for each semester. Prerequisites: 2 semesters of JAZZ 17001. (F-S)
1 Credit

JAZZ 31000 Jazz Standards and Literature II (NLA)

Introduces more advanced standards and jazz repertoire critical to functioning as a musician in a modern jazz combo. Memorizing the melodies, chord progressions, lyrics (as appropriate) and improvising on the songs in all 12 keys will be the primary activities. Additionally, students will be required to analyze the composition and improvisation techniques of Charlie Parker and Thelonious Monk. Prerequisites: JAZZ 21000. (2 cr.) (F)
2 Credits

JAZZ 31100 Jazz Standards and Literature III (NLA)

Covers extremely advanced jazz standards and repertoire important to functioning as a musician in a modern jazz combo. Memorizing the melodies, chord progressions, and improvising on the songs will be the primary activities of the course. There will also be a transcription assignment, where each student will be required to transcribe and analyze an improvised solo by a major jazz artist on a complex, chromatic tune, present that solo to the class, and play along with the recording. Prerequisites: JAZZ 31000. (S, O)
2 Credits

JAZZ 32300 Jazz Arranging I (LA)

Jazz arranging for the big band. Chord progressions and harmonic motion; scales that go with chords; triadic and seventh chords; standard cadential formulas; progressions found in basic jazz tunes; transcription; transposition; proper rhythm notation; terminology; instrument ranges; principles of melodic analysis; approach note techniques; four-part close voicings; unisons; open voicings (i.e. "drop two" and "drop two and four"); pads; punch chords; additions to four-way close; five-part saxophone section writing; alternate voicings; rhythm section writing; background line writing; standard formal arrangements of jazz pieces; writing one full arrangement with parts copied for a large jazz ensemble (arrangements must be played to receive credit in the course); score analysis and listening; "shout" chorus; concerted writing; melodic and rhythmic modification. Prerequisite: JAZZ 20100. (F)
2 Credits

JAZZ 32500 Jazz Arranging II (LA)

Writing for small and medium-size jazz ensembles. Review of all major concepts from Jazz Arranging I; discussion of harmony, substitute chords, modulation, and reharmonization; two- and three-part jazz counterpoint; analysis of small-group scores; transcribing tunes from recordings; correction of published sheet music; melody writing and motive development; introductions and turnarounds; expanded use of the rhythm section; background writing; techniques used in developing a melody; formal considerations; assigned listening both in and out of class; one complete medium-size group arrangement. Arrangement must be played to receive credit in the course. Prerequisites: JAZZ 32300. (S)
2 Credits

JAZZ 32600 Jazz Arranging III (LA)

Jazz arranging for the "studio orchestra" (i.e., large jazz ensemble with strings, woodwinds, horns, tuba, and extra percussion). Review of all major concepts from Jazz Arranging I and II; woodwind writing (e.g., clarinet, flute, bass clarinet, bassoon, and oboe); string writing and combining strings with winds; expanded use of the rhythm section; writing for voices in combination with other instruments; the recording studio; percussion writing; writing for French horn and tuba; score analysis and listening; one "studio orchestra" arrangement (perhaps an original composition, with approval of professor). Arrangement must be played to receive credit in the course. Prerequisites: JAZZ 32500. (IRR)
2 Credits

JAZZ 36100 Jazz Improvisation I (LA)

Basic nomenclature; all four-note seventh chords; modes of the major scale as used in improvising; rhythmic motive development; "swing" feeling; even eighth-note feeling; introduction to ii-V and ii-V-I progressions in all major keys; modulating standard and jazz compositions; solo transcriptions; phrase construction; chordal style; linear style; cycles; ear development; basic form of a solo; inside playing in solo improvising; Dorian and Mixolydian mode application. (F)
2 Credits

JAZZ 36300 Jazz Improvisation II (LA)

More advanced harmonic concepts; b9 chords; 11th and 13th chords; review of ii-V-I progressions and resolutions; basic bitonality; formal structures of solos; use of altered scales; Phrygian, Lydian, Aeolian, and Locrian mode application to chord changes; whole tone and diminished scale usage; modes of the ascending melodic minor scale and their usage; bebop style compositions of the 1940s and 1950s; "rhythm changes" and substitute chord usage; bebop devices. Prerequisites: JAZZ 36100. (S,IRR)
2 Credits

JAZZ 36400 Jazz Improvisation III (LA)

Fast tempos; rock style improvisation; chord superimposition; advanced patterns; deceptive cadences; alternate blues changes; turnarounds; advanced bitonality; further application of modes of the ascending melodic minor; more advanced harmonies of songs from the 1960s through 1980s; the Lydian-augmented mode; the Mixolydian flat 13 mode. Prerequisites: JAZZ 36300. (S,IRR)
2 Credits

JAZZ 36600 Jazz Style Analysis (LA)

For music majors (open to selected non-music majors with permission of the instructor). Jazz history from 1945 to the present with required listening and reading outside class. Areas covered include stylistic analysis of contemporary jazz, major representative artists, and the influence of preceding styles on subsequent ones. Aural and theoretical analysis of transcribed solos is included. Course grades are based on quizzes and a final research or creative project. (S,IRR)

Attributes: 3B, H, HU

3 Credits

Jewish Studies (JWST)

JWST 10300 Hebrew Scriptures (LA)

This course treats the books of the Bible critically as literature, as religious and moral texts, and as a source of sociological knowledge. It surveys the biblical literature, acquaints students with critical methods for the study of the Bible, situates the Bible within the literature and culture of the ancient Near East, and discusses the religion of ancient Israel. The course will deal with questions of history and archaeology and with questions of meaning: what the biblical text meant to its ancient readers and what meanings it has today. Cross-listed as RLST 10300.

(F,Y)

Attributes: 3A, H, HM, HU, TIDE, TMBS

3 Credits

JWST 20100 Jews in the Ancient and Medieval Worlds (LA)

An introduction to Jewish history and the varieties of Jewish cultures and religious traditions in the ancient and medieval worlds, covering Jewish history from the period of the Second Temple (sixth century B.C.E.) to the expulsion from Spain in 1492. (F,O)

Attributes: 1, AN3, G, H, HM, HU, TIDE, TPJ

3 Credits

JWST 20200 Jews in the Modern World (LA)

A survey of world Jewish history from 1492 to the present, concentrating on the Middle East, Europe, North Africa, and the United States. Discussion of the expulsion from Spain, growth of Jewish communities in the Ottoman Empire and Eastern Europe, enlightenment and emancipation, European colonialism, migration to the Americas, anti-Semitism and the Holocaust, the state of Israel, and modern religious movements. (F,E)

Attributes: 1, G, H, HM, HU, TIDE

3 Credits

JWST 20300 Living Judaism (LA)

Introduces Judaism as a lived tradition, with a focus on ethical, ritual, and cultural practices and beliefs from a wide variety of Jewish communities. Readings include texts from the biblical, rabbinic, medieval, and modern periods. Theological and ethical issues addressed include God, good and evil, covenant, death and afterlife, justice, and social responsibility, as lived out through practices associated with birth and death; marriage and commitment; sexuality; and the life of study, prayer, and devotion. Course cross-listed with RLST 20300; students may not receive credit for both courses. Prerequisites: One three credit Liberal Arts course. (S,Y)

Attributes: 1, G, HM, HU, TIDE, TMBS

3 Credits

JWST 27500 Selected Topics in Jewish Studies (LA)

Topics of special interest to students and teachers may be developed under this course heading. Further prerequisites may be added according to topic. This course may be repeated for credit when topics change.

(IRR)

Attributes: HM, HU, JWST, SS, TIDE, TPJ

1-3 Credits

JWST 29400 Contemporary Jewish Identities: Race, Gender, and Nation (LA)

Addresses the multiplicity of contemporary Jewish identities, focusing on Jews in the United States and Israel, the two largest contemporary Jewish communities. Examines the intersection of racial, gender, and national identities among contemporary Jews, including how Jews came to be defined in racial terms, feminist and queer identities, and the complexities of Jewish identity in a multi-ethnic Israel. (S,Y)

Attributes: DV, HM, HU, JWST, TIDE, TPJ, WGS, WGSJ

3 Credits

JWST 32300 Gender and Sexuality in Judaism (LA)

Exploration of what it means to be a Jewish man or woman. The course addresses how Jewish gender roles have changed throughout history, as well as how contemporary Jews deal with changes in women's roles and demands for gender equality. Topics covered include what is "gender" and how to study it; traditional roles of men and women in Judaism; the gendered Jewish body; family and sexuality; homosexuality; Jewish feminism; the gender of God; and changing women's religious roles.

Cross-listed with RLST 32300. (Y)

Attributes: 1, AN3, DV, HU, WGSJ

3 Credits

JWST 33300 Jewish Mysticism (LA)

This course traces the history of Jewish mysticism. After a brief overview of early Jewish mysticism from the biblical and rabbinic periods, students will concentrate on the medieval flowering of Kabbalah, and its further development in the 16th-century Kabbalah of Safed and Israel and 18th-century Eastern European Hasidism. The emphasis will be placed on understanding both the theoretical and experiential aspects of Jewish mysticism and on examining some of the key texts of Jewish mysticism.

Cross-listed with RLST 33300. (Y)

Attributes: AN3, HU

3 Credits

JWST 34300 Biblical Interpretation in Judaism and Christianity (LA)

Examines the theological and literary dimensions of reading the Bible in the Jewish and Christian traditions. Focuses on the comparative study of Jewish and Christian methodologies for interpreting the Bible.

Prerequisites: Two Liberal Arts Course. (Y)

Attributes: HU, RSEA

3 Credits

JWST 35300 Jewish Folk Religion: Magic and Ritual Power (LA)

Traces the history of the Jewish tradition of ritual power from biblical antiquity through the Middle Ages and through its transformation in the modern world. Introduces students to the historical and anthropological study of magic and ritual power, and the relationship between magic and religion. Topics covered include the use of amulets and incantations for healing, the relationship between magic and Jewish mysticism, possession, and exorcism in the early modern world, and the persistence of the Jewish magical tradition in the modern era. Prerequisites: Two Liberal Arts Courses. (IRR)

Attributes: AN3, AN4, HU, RSEA

3 Credits

JWST 37500-37501 Selected Topics in Jewish Studies (LA)

Topics of special interest to students and teachers may be developed under this course heading. Further prerequisites may be added according to topic. This course may be repeated for credit when topics change. (IRR)

Attributes: HU, SS
1-3 Credits

JWST 42000-42001 Internship: Jewish Studies (NLA)

On-site work experience, combined with academic study, in agencies or educational institutions with significant Jewish content, such as Jewish schools or community agencies or multicultural groups. Arranged individually at the student's request with the individual instructor, a sponsoring agency, and permission of the Jewish studies coordinator.

Prerequisites: Permission of instructor. (IRR)

Attributes: JWST, UND
1-12 Credits

JWST 49100 Independent Study in Jewish Studies (LA)

Special research on an individual project arranged by a student with a particular faculty member. The project may include reading books and/or writing papers under the guidance of the faculty member, with a performance expectation of upper-level work. Offered on demand only.

Prerequisites: Permission of instructor. (IRR)

Attributes: UND
1-4 Credits

Journalism (JOUR)

JOUR 11100 Introduction to Journalism (LA)

Introduces reporting, interviewing and writing on deadline using Associate Press style; introduces inverted-pyramid and broadcast writing; and introduces such issues as current events, objectivity, ethics, libel and investigative reporting. (F,S)

Attributes: CCCS
4 Credits

JOUR 11200 Investigative Journalism (LA)

This class provides students with both theoretical and practical skills to locate story ideas, identify reliable and diverse sources, conduct research online and through interviews, and analyze and visualize data. Students use investigative techniques to research, write, and produce stories in multiple beats, including but not limited to: government, education, sports, and social issues. Students work individually and in teams to produce multimedia content focused on a specific beat and/or issues of journalistic importance within the local and wider communities.

Prerequisites: JOUR 11100. (F,S)

4 Credits

JOUR 21100 Visual Journalism (LA)

Explores the fundamental visual techniques and concepts of multimedia journalism and how verbal and visual messages work together in news reporting. Students will learn how to research, shoot, write, edit and produce content for broadcast, web, and social media platforms. Examples are critiqued to lead students toward an ethical and analytical approach to issues of journalistic visual rhetoric. Prerequisites:

JOUR 11200; WRTG 10600 or ICSM 10800 or ICSM 11800. (F,S)

Attributes: CCCS, WI
4 Credits

JOUR 21300 Journalism Ethics (LA)

An introduction to ethics in journalism, designed to develop responsible, professional attitudes and practices by applying a range of analyses to issues. Examines classic and contemporary journalism cases involving a variety of ethical questions. Prerequisites: Sophomore standing.

Restricted to journalism majors and minors, and documentary studies majors. (F-S)

3 Credits

JOUR 25000 Journalism History (LA)

Examines the development of the mass media in the United States, beginning with Western European antecedents and proceeding to the present era of complex new technologies. Focuses on the factors influencing the evolution of U.S. media history, emphasizing the development of the U.S. press philosophy, the interaction of industrialization and media, and the rise of mass culture. Prerequisites: Sophomore standing. (F-S)

Attributes: 3B

3 Credits

JOUR 31300 Journalism Law (LA)

This course encompasses the study of the underlying theories and philosophical principles that are used to formulate laws and policies related to freedom of speech and press in the United States. An examination of the framework of the American legal and policy making systems will enable students to understand how laws, particularly the First Amendment, address a range of issues involving freedom of speech and press, including: defamation, libel, prior restraint, and copyright.

Prerequisites: Journalism majors; JOUR 21100; junior standing. (F,S)

3 Credits

JOUR 38400 Television News Producing and Editing (NLA)

This course builds on the television news skills developed in previous courses by focusing on the role of content managers in newsrooms, from writing to editing. Students will hold editorial board meetings to understand the concept of writing, editing, and crafting meaningful news segments. Students will script a newscast. Students will be tested on how to think independently in situations where important news stories are breaking. Under tight class time constraints, students will make decisions that will impact the newscast they are scripting. Students will learn one of the most important jobs of a successful news producer and editor: how to deal with people and ethical dilemmas as they happen in a newsroom setting. Prerequisites: JOUR 21100 (Y)

4 Credits

JOUR 39000-39030 Selected Topics in Journalism (LA)

The topics of this practicum will vary to allow students the opportunity to learn about a specialty area of journalism, such as sports journalism, international relations journalism, economics and business journalism, and medical journalism. Students will be required to read relevant specialty newspapers, magazines, and academic journals appropriate to the selected topic, report and write articles on the selected topic in online and print format, and write for broadcast. Prerequisites: JOUR 21100 or permission of instructor. (F-S)

3 Credits

JOUR 48000 Mobile and Social Media Journalism (NLA)

This course critically examines how journalists and news organizations are using emerging forms of social media and mobile platforms. Students gain hands-on experience by experimenting with social media and mobile devices for newsgathering, distribution, and audience engagement. Students produce a portfolio of multimedia stories and build their own professional journalistic brand. An emphasis is placed on critically assessing the credibility and authenticity of user-generated content. Students will also learn how to use analytics tools to monitor and analyze the effectiveness of their mobile and social media activity. Prerequisites: JOUR 21100; senior standing. (F,S)

4 Credits

JOUR 48200 Narrative Journalism Workshop (NLA)

Students demonstrate their ability in narrative journalism by researching and writing a major journalistic project. Projects will take the form of a long-form narrative feature report, with the goal of getting them published professionally. Critique and analysis of journalists' projects and reflections on their craft are emphasized. Prerequisites: JOUR 21100; junior standing. (F-S)

4 Credits

JOUR 48400 Mass Media Research (LA)

This course strengthens the student's skills in conducting journalism and mass communication research on real-world local, national, and international issues. Emphasis on the formulation of research topics and proposals; literature search and review; various methodologies that are applicable to the journalism profession; data collection, analysis, and interpretation; and research report writing. Prerequisite: JOUR 21100; junior standing. (IRR)

Attributes: CCRM, QL

3 Credits

JOUR 48600 Documentary Journalism Workshop (NLA)

Students produce an in-depth final project of journalistic significance in a multimedia platform appropriate to their subject matter. Students research, write, edit, and produce long-form news stories in a documentary format for multimedia. Participants also critique and analyze examples of professionally produced documentary and long-form television and web-based journalism. Prerequisites: JOUR 21100; junior standing. (F-S)

Attributes: SL

4 Credits

JOUR 48800 Issues and the News (LA)

A capstone course for seniors majoring or minoring in journalism, designed to give the students an opportunity for in-depth news examination and analysis from numerous sources. Ongoing critique of major news issues of the day. Students examine the variety of information sources available and incorporate various points of view from around the world. They present key summaries of issues they are monitoring, producing news stories and analytic pieces. Prerequisites: JOUR 21100; senior standing. (F-S)

Attributes: UND

3 Credits

JOUR 49000 Internship (NLA)

Jointly supervised work experience with a cooperating institution or corporation in the field of journalism or communications, intended to motivate the student toward professional growth through observation and participation, to provide opportunities to meet active professionals, and to stimulate career planning. Skills and academic knowledge are put into practice. May be repeated. Prerequisites: Junior standing; journalism major or minor; completion of Park School internship procedures.

The total number of internship credits a journalism major or minor is permitted to earn may not exceed (including London and Los Angeles internships). For example, if a student takes an 8-credit internship, a second internship would count for up to only, for a total of Pass/fail only. (F-S)

1-8 Credits

JOUR 49900-49901 Independent Study in Journalism (LA)

Intensive research related to journalism under the supervision of a faculty adviser and with approval of the department chair. A major research paper is required. May be repeated; total credits earned may not exceed eight credits for the two independent study courses combined. Prerequisites: Journalism major or minor; senior standing; permission of department chair. (F-S)

1-4 Credits

Languages (LNGS)

LNGS 11100 Global Screen Cultures (LA)

Team-taught lecture course that examines cinematic representations of changing notions of cultural, national, and individual identity. Topics will include the impact of war and fascism on national identity; changing notions of the family structure and gender roles; generational conflict and cultural identity, class, race, and religion. Students will investigate these topics both within and across various national cultures. LNGS 11100 and SCRE 11100 are cross-listed; students may not take both courses for credit. (S,Y)

Attributes: AN3, CA, DV, G, HM, LAEL, LXME, RPRE, TIDE

3 Credits

LNGS 11200 Intersections of Race, Language, Literature, and Power in World Cultures (LA)

An interdisciplinary introduction to literary and cultural analysis from a global/international perspective, focusing on texts originally written in languages other than English. Introduces students to theoretical concepts such as colonialism, imperialism, orientalism and neoliberalism and discusses topics such as class, race, gender, sexuality, migration, environment, and nationalism. Asks students to pay close attention to issues of language, literature, and translation while reflecting on their own experiences and positionality in relationship to the content. All texts are read in English translation. (Y)

3 Credits

LNGS 12000 Introduction to the Art of Translation (LA)

Introduction to the world of translation from a theoretical and practical perspective. Texts will include translators' prefaces and notes, subtitling, literary and non-literary translations, focusing on issues of translatability, fidelity, purpose and ethics. This course is intended for students with basic reading proficiency in a language other than English. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)

Attributes: HM, TIII, TWOS, WI

3 Credits

LNGS 15000 English for Speakers of Other Languages (LA)

Improvement of non-native speakers' comprehension and production of English. Emphasis on oral communication as well as reading comprehension and writing ability. Pass/Fail only. Prerequisites: Permission of instructor. (F-S, Y)

Attributes: HU

3 Credits

LNGS 19402 Introduction to the Art of Translation (LA)

Introduction to the world of translation from a theoretical and practical perspective. Texts will include translators' prefaces and notes, subtitling, and literary translations, focusing on issues of translatability, fidelity, purpose and ethics. This course is intended for students with basic reading proficiency in a language other than English. Students cannot receive credit for both LNGS 19402 and LNGS 25000. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)

Attributes: GERM, HM, HU, TIII, TWOS, WI

3 Credits

LNGS 23200 Introduction to Linguistics (LA)

An introduction to the fundamental areas and concepts of modern linguistics. Study of sounds and sound patterns, word and sentence structure, and language change. Other topics may include semantics, language acquisition, dialects, and pidgin and creole languages.

Prerequisites: One course in the humanities or social sciences. Open to all students. Students may not earn credit for both LNGS 23200 and LNGS 23300. 3 Credits. (F-S,Y)

Attributes: 3A, GERM, HM, SS, TIDE, TWOS

3 Credits

LNGS 24200 Language and the Mind (LA)

Building on introductory linguistic concepts, this course looks at how language works in the mind: sounds, words, sentences, meaning, and language acquisition. Prerequisites: Sophomore standing. (F,Y)

Attributes: HM, TIII, TWOS

3 Credits

LNGS 24300 Language and the World (LA)

Building on introductory linguistic concepts, this course looks at how language works in the world: language variation, language change, computer-mediated communication, and systems of writing.

Prerequisites: Sophomore standing. (S,Y)

Attributes: HM, TIII, TWOS

3 Credits

LNGS 24500 Translation and Self-Discovery (LA)

Theory and practice of translation as a form of writing that leads to discovery and self-discovery. Students read texts related to the role of translation in disparate areas of knowledge and select and translate short texts into English and from English into a second language with the goal of experiencing the field of translation, deepening their relationship to their own language, and finding their voice (or a new voice) in another language. This course is intended for students with an intermediate-level reading and writing proficiency in a language other than English.

Cross-listed with WRTG 24500; students may not receive credit for both courses. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)

Attributes: HM, TIDE, TIII, WI

3 Credits

LNGS 25000 Translation: The Art of Disguise (LA)

Examines the role of translation within the broader context of comparative literature. Drawing from representative texts spanning across centuries, students will discuss concepts of interpretation, faithfulness, loss and gain, negotiation, colonization, cannibalization and ethics. Explores the figure of the translator, both in theoretical and literary works, and approaches the field of translation from the perspective of practicing translators and translated authors. Basic reading proficiency in a language other than English is necessary. Cross-listed with ENGL 25000. Prerequisites: WRTG 10600 or ICSM 108xx or ICSM 118xx and Sophomore standing. (IRR)

Attributes: 1, 3A, G, GERM, HM, HU, TIII, TWOS, WI

3 Credits

LNGS 34000 Selected Topics in Linguistics (LA)

Investigation of selected topics in the field of linguistics. Prerequisite: LNGS 23200 with a grade of C- or better. (IRR)

3 Credits

LNGS 40000 Capstone in World Languages and Cultures (LA)

Culminating course in the World Languages and Cultures major. Students are invited to extend and synthesize conceptual strands encountered earlier in the program while exploring the transformation of the field in the 21st century. Particular attention is paid to career opportunities and preparation for post-graduate work. (F,S,Y)

1 Credit

LNGS 49800 Senior Project in Translation (LA)

Individual research, analysis and translation of a literary or non-literary text (or selection of texts), supervised by a faculty mentor in the MLL department Culmination of the Translation Minor, and restricted to Translation minors. Course can be repeated once for up to six credits if completed in different languages. Prerequisites: Senior standing; LNGS 19402 or LNGS 25000; LNGS 23200; FREN 35500, GERM 35500, ITAL 35500 or SPAN 35500; permission of instructor. (IRR)

Attributes: GERM

3 Credits

Latin (LATN)

LATN 10100 Elementary Latin I (LA)

Latin language, literature, and culture of ancient Rome and the Middle Ages. Emphasis on pronunciation, noun cases, agreement, phrases, and clauses. Readings include simple prose narratives from Roman history, fables, and mythology. Students work with an interactive computer program, supplemented by weekly review classes, drills, translations, and tests administered by the instructor. Open to students with no previous Latin, or by placement examination. (F,S,Y)

Attributes: 3A, CSA, G, H, HM, HU, TIDE

3 Credits

LATN 10200 Elementary Latin II (LA)

Continuation of LATN10100 Elementary Latin I. Latin language, literature, and culture of ancient Rome and the Middle Ages. Emphasis on noun and verb system, agreement, phrases, and clauses. Readings include simple prose narratives from Roman history, fables, and mythology, and simple poetry. Students work with an interactive computer program, supplemented by weekly review classes, drills, translations, and tests administered by the instructor. Prerequisites: LATN10100 with a grade of C- or better, or by placement exam. (F,S,Y)

Attributes: 3A, G, H, HM, HU, TIDE

3 Credits

LATN 20000 Comprehensive Intermediate Latin (LA)

Intensive completion of Latin grammar for intermediate proficiency, with a study of Latin literature focused on the poetry of Ovid and other authors of the Golden Age. Prerequisite: LATN 10200 with a grade of C- or better. (Y)

Attributes: 3A, CSA, G, H, HU
3 Credits

LATN 25000 Classical Mythology (LA)

A study of major themes in western mythology, including Creation and Flood narratives, Jason and the Argonauts, Orpheus and Eurydice, Perseus, the Labors of Hercules, and the Trojan War, among others, using translations of the ancient Roman poet Ovid with supplementary material from other classical authors. Examines later retelling of the ancient myths as seen in medieval and modern adaptations. This course does not count towards language proficiency requirements in majors. (Y)

Attributes: 3A, CTE, G, H, HU
3 Credits

LATN 29900-49900 Independent Study (LA)

Individual research, study, and/or writing on particular topics, supervised by a mentor of the department. Offered on demand only. Prerequisites: Permission of instructor and department chair. (IRR)

1-3 Credits

Legal Studies (LGST)

LGST 10100 Foundations in Law and Justice (LA)

An introduction to basic concepts in law and the legal system. Surveys various areas of the law, such as criminal law, liability and torts, constitutional law, and administrative law. Examines the functions of courts, judges, attorneys, and juries. Provides an overview of legal theories, such as feminist analysis of law, critical legal studies, and legal realism. Studies actual and hypothetical legal cases, and ongoing legal controversies. (FY)

Attributes: AN3
3 Credits

LGST 27500 Selected Topics in Legal Studies (LA)

Explores contemporary topics, concepts, and controversies in the field of law and society at the intermediate level. May be repeated for credit for a total of nine credits when topics vary. Prerequisites: Sophomore standing. (IRR)

Attributes: LSAP
1-3 Credits

LGST 30600 Criminal Law (NLA)

An introduction to topics in criminal law, criminal procedure, and criminal justice. Topics include the American court system; origins of law; elements of crimes; defenses to crimes; constitutional issues in criminal law; criminal procedure issues, including policy operations, arraignments, indictments, grand jury procedure, criminal trials, and appeals; and criminal justice issues, including "white- and blue-collar" crime, philosophies of crime and punishment, and crime in the workplace. An optional clinical component in the Tompkins County court system will be available. Prerequisites: LGST 10100 and one of CMST 12400, GBUS 20300, SOCI 20300, or TVR 12300. (FS)

Attributes: LMAL, LMEL
3 Credits

LGST 30700 Environmental Law and Policy (LA)

A survey of environmental law and the policies and goals of key federal environmental statutes. Students will examine the role of the Environmental Protection Agency in implementing and enforcing environmental standards, as well as significant case law developments. Prerequisites: LGST 10100 and one of CMST 12400, GBUS 20300, SOCI 20300, or TVR 12300. (Y)

Attributes: ENSS, ESPE, LMAL, LMEL
3 Credits

LGST 32000 Marketplace Regulation and Consumer Protection (NLA)

Discussion and in-depth study of the role of government in protecting the consumer and regulating marketplace practices. Seminar topics include the costs and effectiveness of the administrative law process, case studies of federal regulatory agencies, and recent developments in marketing and product liability law. Emphasis on research skills, and individual and group presentations. Prerequisites: LGST 10100 and one of CMST 12400, GBUS 20300, SOCI 20300, or TVR 12300. (Y)

Attributes: ENSS, ESPE, LMAL, LMEL
3 Credits

LGST 32300 Legal Research Seminar (LA)

In this course, students develop expertise in the skills and strategies required for legal research by using Cornell Law School and/or electronic resources available at Ithaca College. They complete regular research assignments designed to show their mastery of law library resources. The second half of the course focuses on how to use legal research to analyze specific legal controversies within larger social and policy contexts. Prerequisites: LGST 10100; junior standing. (Y)

Attributes: LMAL, LMEL
3 Credits

LGST 37500-37501 Selected Topics in Legal Studies (LA)

Explores contemporary, topics, concepts, and controversies in the field of law and society at an advanced level. Maybe be repeated for a total of six credits when topics vary. Prerequisites: One LGST course at 100-level or above. (Y)

Attributes: AN3, LSAP
1-6 Credits

LGST 39700 Internship in Legal Studies (NLA)

Permits students to explore experiential law-related work in a variety of settings. Students are expected to perform work at an internship site, chosen in consultation with their faculty advisor, to keep a journal, and to submit, as part of their course obligations, a thorough written evaluative report based on their experiences. Internships may be taken at national, state, and local levels, in London under the auspices of the Ithaca College London Center, as well as in other international locations. Prerequisites: permission of instructor. (FS,U,Y)

0.5-9 Credits

LGST 40200 Senior Research Seminar in Legal Studies (LA)

A seminar designed to provide students an opportunity to do advanced level research by completing a major project on a legal issue of particular interest to them. Emphasis will be on analyzing how a particular legal issue or controversy is shaped by, and shapes, larger social, political, and economic systems. Prerequisites: Legal Studies Majors only; Senior standing. Corequisites: LGST 48000. (Y)

Attributes: LSAP
2 Credits

LGST 48000 Capstone in Legal Studies (LA)

This course gives participants an opportunity to reflect upon their interdisciplinary program of study in Legal Studies, and will also serve as the ICC capstone course. The course incorporates opportunities for professional development towards post-graduation plans (meeting with alums, practicing professionals, career services, etc.). Prerequisites: Legal Studies Majors only; Senior Standing. Corequisites: LGST 40200 or LGST 49800. (Y)

Attributes: CP

1 Credit

LGST 49800 Senior Internship in Legal Studies (NLA)

Permits students to explore experiential law-related work in a variety of settings. Students are expected to perform work at an internship site, chosen in consultation with their faculty advisor, to keep a journal, and to submit, as part of their course obligations, a thorough written evaluative report based on their experiences. Internship experiences will be a topic for discussion in the Capstone in Legal Studies course, and integrated into reflections on a student's entire course of study. Prerequisites: permission of instructor. (F,S,Y)

Attributes: LSAP

2-6 Credits

Management (MGMT)

MGMT 10300 Minicourses in Management (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)

1.5 Credits

MGMT 10301 Minicourses in Mgmt (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)

1.5 Credits

MGMT 10302 Minicourses in Management (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)

1.5 Credits

MGMT 10303 Minicourses in Mgmt (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)

1.5 Credits

MGMT 10304 Management Minicourse: Women in Business (NLA)

This course includes lectures, readings and guest speakers, which will help us to explore present-day findings of women in corporate and entrepreneurial settings. Topics will include current research of women in business, leadership development, family/life balance, mentorship, network influence and ultimately gender differences in the workplace. Open only to Business Administration majors. (IRR)

Attributes: WGS

1.5 Credits

MGMT 10305 Minicourse in Management (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)

1.5 Credits

MGMT 11100 Introduction to Business (NLA)

Overview of the world of business, its management, and its economic, political, and social environment. Particular note is taken of the areas of finance, accounting, personnel, production/operations, marketing/sales, and their interdependence. Not available to declared business majors. (Y)

3 Credits

MGMT 20600 Organizational Behavior and Management (NLA)

Study of characteristics and processes of individuals, groups, and organizations that affect behavior within an organization. Attention is also given to the roles, functions, and principles of management. This survey course provides theoretical concepts and practical applications that focus on improving an individual's effectiveness within an organization. Prerequisites: Two courses in business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT), or ECON; or sophomore standing. (F-S,Y)

3 Credits

MGMT 21300 Hidden Entrepreneurs (NLA)

Hidden Entrepreneurs is the study of unique and unexpected entrepreneurs and how their entrepreneurial spirit helps drive American business at so many levels. Unwinding the general public's modern-day conception of "entrepreneurs", this course focuses on a variety of businesses and business people that embody the concept of entrepreneurship in different ways and forms. Some entrepreneurs are groups within larger companies, while some are in government agencies. Some are unexpected and each one is unique - yet all bonded together by a common passion. (S,Y)

3 Credits

MGMT 21400 Startup Tactics: From Accounting to Zoning, Tactical Considerations When Starting a New Company (NLA)

Study the tactics for running a new business venture's day to day activities in an interactive, hands-on way. Learn how to incorporate a business, raise money, hire a lawyer, run a board meeting, do a marketing campaign, negotiate a contract, hire and fire employees, and many more skills. Understand how to execute on the actions necessary for a well-run startup to set and achieve its goals. (S,Y)

3 Credits

MGMT 22500 Business Models and the Art of Profitability (NLA)

Learn the design and economic drivers for over 30 unique business models, and how to identify them when you learn about a new company. Develop the capability to understand what business model a company is currently using, and how to assess whether they should modify their business model. Discuss and debate business model similarities and difference in an interactive classroom environment. (F,Y)

3 Credits

MGMT 23000 Entrepreneurial Innovation (NLA)

Learn how to generate ideas for a new business venture. Once that list of great business ideas is created, analyze and validate which idea is most worthy of pursuing. Succinctly communicate this validated business idea in order to attract customers, investors, partners, and employees. The class is hands-on and real world focused. As has happened in past semesters, students will go on to launch real companies. Prerequisites: CMST 11000 or CMST 11500 (may be taken concurrently). (F,Y)

3 Credits

MGMT 23500 Ideas into Action: Launching your Business Idea (NLA)

Launch your own entrepreneurial business by applying the best practices in starting new companies to your business idea. Learn the methodology of how to do quality Customer Discovery to best understand your customer's needs, and then design a business model for how to best succeed. Plan and communicate your business model in a business pitch to experienced and successful alumni and community entrepreneurs.

Prerequisites: MGMT 23000. (S,Y)

3 Credits

MGMT 26000 Business Analytics and Technology (NLA)

Introduces the student to information systems concepts and principles and the role systems play in business management. The focus is on problem solving techniques using the spreadsheet tool. Students enhance their spreadsheet knowledge and abilities to the advanced intermediate level and learn introductory concepts and skills in business intelligence. Students are required to take the Microsoft Excel Certification Exam. Prerequisites: MATH 14400 or MATH 14500 or PSYC 20700. (F-S,Y)

3 Credits

MGMT 29800 ITHACON: Promoting and Managing Conventions (NLA)

The course will use the creation, implementation, and assessment of the long-running, annual pop culture ITHACON event to help students learn about trade shows and conventions. Students will be exposed to event studies theory and techniques and be provided with a unique hands-on experience. The course will also focus on analysis and advance planning for the next iteration. Students will also learn about the entrepreneurial world of entertainment, publishing, and pop culture. (S,Y)

3 Credits

MGMT 30200 Applied Ethical Issues in Management (LA)

Examines concepts, issues, and tools related to the management of business ethics in organizations. Analysis of ethical problems and application of a process of moral decision making to ethical problems in business. Examination of ethical, social, and political issues confronting modern organizations from internal and external stakeholders' viewpoints. Prerequisites: Three courses in Business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT), with at least one course at the 20000-level. (Y)

3 Credits

MGMT 30500 Data-Driven Management Decisions (NLA)

Managers are frequently given business advice whose validity is seldom questioned. This course sheds light on this process by helping students develop solid analytic practices using data from surveys and interviews. The goal is to improve students' ability in assessing the quality of knowledge derived from management research. Students evaluate the validity of managerial reports, learn to exercise caution in accepting research conclusions, get experience with basic analytic techniques, and craft stories based on data they have analyzed. Prerequisites: MGMT 20600; MATH 14400, MATH 14500, or PSYC 20700. (S)

3 Credits

MGMT 31200 Leadership and Collaboration (LA)

This course focuses on the nature of leadership and power dynamics in modern organizations. This course develops students' abilities to create and use sources of power and to create a climate for leadership and change. In addition, the course provides a survey of methods to sustain and develop both personal and organizational power, including the network-building and conflict-handling skills needed to manage the increasingly pluralistic interests found in organizations. This course develops students' abilities to motivate human resources, facilitate team building, and guide organizational change. Prerequisites: MGMT 20600 or both PSYC 31600 and PSYC 33400. (F,Y)

3 Credits

MGMT 34000 Human Resource Management (NLA)

This survey course provides an overview of human resource policies and procedures within the context of managerial decision making in organizations. Primary topics include human resource planning and analysis, equal employment opportunity, staffing, human resource development, compensation and benefits, health and safety, and labor-management relations. Prerequisites: Three courses in business or social sciences; junior standing. (Y)

3 Credits

MGMT 34500 Operations Management (NLA)

An introduction to the operations function in business for managing the resources (including people, facilities, inventories, processes, and systems) that create value (in the form of a product or a service) for an organization. The qualitative and quantitative aspects of managing a supply chain will be covered through topics such as product/process design, quality management, inventory control, and scheduling. Students will use computer technology and library resources to analyze issues, often in teams. Prerequisites: MATH 10400, MATH 10700, MATH 10800, or MATH 11100; MGMT 26000 (may be taken concurrently). (F,S,Y)

3 Credits

MGMT 36500 Intermediate Business Analytics (NLA)

Provides the background and skills necessary to analyze data, including big data, in support of decision making in the business environment. The following topics will be covered: foundations of business analytics, descriptive analytics, predictive analytics, and prescriptive analytics. Computer-based tools will be incorporated throughout the course and selected for their applicability to business applications, but the analytical foundation will be the spreadsheet and, to a lesser extent, the database. Students will develop expertise in database technology to the point at which forms and reports can be created and generated, and advanced spreadsheet technologies to include use of dashboards. Prerequisites: MGMT 26000. (S, Y)

3 Credits

MGMT 39100 Managing for Sustainability (NLA)

Examines the challenge of maintaining sustainable business strategies while meeting the needs of various stakeholders. Will investigate various models of business sustainability and how to integrate sustainability concerns into managerial functions. Prerequisites: MGMT 20600. (IRR)

3 Credits

MGMT 39700-39705 Selected Topics in Management (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)

Attributes: UND

1-3 Credits

MGMT 39706 ST: Management (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)
1-3 Credits

MGMT 42100 Strategic Management (NLA)

Deals with upper-level management skills and attitudes as they encompass all basic business fields. Stresses the integration of the various disciplines studied and the opportunity to develop managerial decision-making abilities. Students will utilize professional communication and teamwork skills. Open only to students in the School of Business. Prerequisites: ACCT 22600; MGMT 20600; FINA 31100; MKTG 31200; MGMT 30200; MGMT 34500. (F,S,Y)
Attributes: CP
3 Credits

MGMT 45100 Small Business Seminar I (NLA)

Introduction to the concepts and principles of small business management. Case study analysis will lead to practical understanding and application of management concepts. Prerequisites: Upper-level standing, permission of instructor. (F,IRR)
3 Credits

MGMT 46000 Leading Organizational Change (NLA)

Capstone course for the management concentration. In-depth examination of the nature, strategies, models, and intervention activities associated with planned change efforts for organizational improvement. Students build on previous knowledge of organizational structure and processes through independent readings and research, culminating in a challenging team-consulting experience in an ongoing organization. Prerequisites: MGMT 31000 or MGMT 31200, management elective from approved list; senior standing. (S,Y)
3 Credits

MGMT 48100 Advanced Decision Making with Analytics (NLA)

Course provides a multidisciplinary perspective on analytics, applying a wide range of techniques in diverse settings. Students will employ basic statistical tools (tabulation, hypothesis testing, correlation) in a variety of new applications as well as some new tools used for prediction (decision trees, neural networks, logistic regression) and clustering. All content and exercises will be based on large data sets ("big data") and use appropriate state-of-the-art software for data analysis. Emphasis will also be placed on visualization and reporting results. Prerequisites: MATH 24600; MGMT 36500. (S,Y)
3 Credits

MGMT 49600 Negotiations (NLA)

Negotiation is the science of securing agreements between two or more interdependent parties. The central issues of this course deal with understanding the behavior and relationships of managers, departments/units, and organizations in a business setting. The course is designed to build a negotiation skill-set that can be applied to a broad set of situations in organizations. In this light, a range of cooperative and competitive situations will be examined. A basic premise of the course is that while you need analytic skills to discover optimal solutions to problems, a broad array of skills are needed for these solutions to be accepted and implemented. The course will allow participants the opportunity to develop these skills experientially and to understand useful analytic frameworks. Considerable emphasis will be placed on simulations, role plays, and cases. Prerequisites: Junior standing. (S,Y)
3 Credits

MGMT 49700-49704 Selected Topics in Management (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)
1-3 Credits

MGMT 49714 ST: Management (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)
1-3 Credits

MGMT 49800 Internship with Academic Enhancement (NLA)

Off-campus experience involving varied, nonroutine work projects designed to allow students to synthesize academic theory with real-world operations of an organization. Primary responsibility is on the student to develop a project proposal and then carry out its requirements in conjunction with a faculty sponsor. Internship credit falls under the business elective category in the degree requirements. A maximum of may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Prerequisites: Senior standing; completion of appropriate principles course; a minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W)
1-6 Credits

MGMT 49900 Independent Study: Management (NLA)

This course allows students to work with faculty on an individual basis, focusing on a topic of interest to both the student and faculty. The content of the course, coverage, delivery format, and the method of determining grades will be mutually agreed upon and must be included in the course proposal submitted along with the independent study form for approval by the dean. Guidelines are available in the School of Business dean's office. A variable amount of credit may be earned toward the degree. Students must have a 3.00 cumulative grade point average and must have completed at least in the subject matter. Prerequisites: Dean permission. (B,F,S,IRR,U,Y)
1-3 Credits

Marketing (MKTG)

MKTG 10300-10303 Minicourses in Marketing (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: as appropriate to topics; not open to students with junior or senior standing. (IRR)
1.5 Credits

MKTG 31000 Quantitative Methods in Business (NLA)

A study of quantitative tools used in solving business problems. Statistical quality control and decision models, regression methods, linear programming, and CPM- and PERT-type models. Using computers to solve problems is an important aspect. Prerequisites: MATH 14400 or PSYC 20700; junior standing. (IRR)
3 Credits

MKTG 31200 Principles of Marketing (NLA)

Study of concepts, activities, and decisions related to the exchange process, management of the marketing mix, and development of marketing strategy for profit and not-for-profit organizations. Addresses the sociocultural, legal and regulatory, technological, economic, ethical, political, and social responsibility dimensions to marketing in the global environment. Prerequisites: Three courses in business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT) or STCM, with at least one course at the 20000-level, or junior standing. (F,S,Y)

3 Credits

MKTG 32300 Consumer Behavior (NLA)

Study of consumer behavior variables and their impact on marketing. Includes consumer behavior models, motivation, perception, attitudes, and the influences of family, society, and culture. Prerequisites: MKTG 31200. (F,S,Y)

3 Credits

MKTG 32500 Sales and Sales Promotion (NLA)

Examines the roles of personal selling and sales promotion in an organization's integrated marketing communications (IMC) mix. Students will learn how sales and sales promotion work together and with other IMC tools (advertising, publicity) to accomplish marketing strategies. Students will gain knowledge of traditional and cutting-edge consumer and trade promotions, as well as personal selling tactics and techniques. Prerequisites: MKTG 31200; junior standing. (Y)

3 Credits

MKTG 38000 International Marketing (NLA)

Focus on marketing management problems, techniques, and strategies necessary to incorporate the marketing concept into the world marketplace. A multidisciplinary approach creates a broad understanding of the subject matter. Concepts from economics, political science, anthropology, sociology, management, and marketing are integrated. Readings include text plus journal and magazine articles. Prerequisites: MKTG 31200; junior standing. (F-S,Y)

3 Credits

MKTG 39700 Selected Topics: Marketing (NLA)

Topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics; junior standing. (IRR)

1-3 Credits

MKTG 41100 Marketing Analytics (NLA)

Introduction to analysis of data related to marketing decisions, including program data in marketing information systems and project data collected through primary research. Includes both analysis of existing databases and the most common and practical problems associated with collecting and analyzing new data. Emphasis is on both qualitative methods and quantitative methods. Computer assignments require students to apply latest software packages. Prerequisites: MATH 14400 or MATH 14500 or PSYC 20700 or TVR 26300 or STCM 28800; MKTG 31200; junior standing. (F-S,Y)

3 Credits

MKTG 44400 Services Marketing (NLA)

This course will introduce students to the issues and problems unique to the marketing of services. Topics include relationship marketing, the seven P's of service delivery, complaint management and recovery, service guarantees, measures of customer satisfaction, managing the moment of truth, servicescapes, employee empowerment, blueprinting services, and managing overall service strategy. Prerequisite: MKTG 31200. (IRR)

3 Credits

MKTG 48600 Senior Seminar in Marketing (NLA)

A capstone course for marketing majors, challenging them to identify and apply appropriate marketing concepts gained through earlier coursework. Specifically, the student is required to analyze actual and hypothetical marketing situations and react to or solve marketing problems by demonstrating an understanding of the marketing concept, mix, and strategy, as well as a strategic perspective. Prerequisites: MKTG 31200; MKTG 32300; MKTG 41100; senior standing. (S,Y)

3 Credits

MKTG 49100 Digital Marketing (NLA)

This course provides a thorough overview of marketing concepts and strategies for the digital age. Students will gain an understanding of the paradigm changes in marketing and the impact of digital communication technologies. By combining theory and practice, students will learn strategies and develop skills in using new media tools to achieve marketing objectives. Prerequisites: MKTG 31200; junior standing. (F,S,Y)

3 Credits

MKTG 49700 ST: Marketing (NLA)

Topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Prerequisites: MKTG 31200; junior standing. (IRR)

1-3 Credits

MKTG 49708 Seleted Topics: Marketing (NLA)

Topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Prerequisites: MKTG 31200; junior standing. (IRR)

1-3 Credits

MKTG 49800 Internship with Academic Enhancement (NLA)

Off-campus experience involving varied, nonroutine work projects designed to allow students to synthesize academic theory with real-world operations of an organization. Primary responsibility is on the student to develop a project proposal and then carry out its requirements in conjunction with a faculty sponsor. Internship credit falls under the business elective category in the degree requirements. A maximum of may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Prerequisites: Senior standing; completion of appropriate principles course; a minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W)

1-6 Credits

MKTG 49900 Independent Study: Marketing (NLA)

This course allows students to work with faculty on an individual basis, focusing on a topic of interest to both the student and faculty. The content of the course, coverage, delivery format, and the method of determining grades will be mutually agreed upon and must be included in the course proposal submitted along with the independent study form for approval by the dean. Guidelines are available in the School of Business dean's office. A variable amount of credit may be earned toward the degree. Students must have a 3.00 cumulative grade point average and must have completed at least in the subject matter. Prerequisites: Dean permission. (B,F,S,IRR,U,Y)

1-3 Credits

Mathematics (MATH)

MATH 10000 Mathematics Fundamentals (LA)

Basic concepts underlying algebra, functions, exponents, areas, fractions, and percents. Reasoning skills required for these concepts. Word problems. Meets three hours. See also MATH 18000; credit cannot be earned for both MATH 10000 and MATH 18000. Prerequisites: Math placement in group 4. (F-S,Y)
Attributes: UND
1 Credit

MATH 10400 Finite Mathematics with Calculus (LA)

Introduction to differential calculus, mathematics of finance, and linear programming. Additional topics at the instructor's discretion. Intended for students in the School of Business. Students may not receive credit for both MATH 10400 and MATH 10500, 10600, or 10700. Prerequisites: Math placement in group 1, 2, or 3, or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (F-S,Y)
Attributes: NS
4 Credits

MATH 10500 Mathematics for Decision Making (LA)

Introduction to probability theory, mathematics of finance and linear programming. Additional topics at the instructor's discretion. Students may not receive credit for both MATH 10500 and MATH 10600. Prerequisites: Math placement in group 1, 2, or 3, or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (F,S,Y)
Attributes: QL
3 Credits

MATH 10600 Mathematics for Decision Making with Technology (LA)

Introduction to probability theory; mathematics of finance; linear programming. Additional topics at the instructor's discretion. Appropriate technology is introduced to present some of the topics differently and in more depth than MATH 10500. Students may not receive credit for both MATH 10500 and MATH 10600. Prerequisites: Math placement in group 1, 2, or 3, or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (F-S,Y)
Attributes: 2B, NS
4 Credits

MATH 10800 Applied Calculus (LA)

Introduction to calculus, with an emphasis placed on problems in the business, economics, social sciences and life sciences. Topics include polynomial, exponential, and logarithmic functions and their derivatives; curve sketching, optimization, and rates of change; the definite integral and area. Further topics may be chosen from applications of differential equations and trigonometric functions. Not open to students who have taken MATH 11100. Completion of this course with a grade of C- or better will move students in group 3 to group 2. Students with group 1 placement who plan to take more than one semester of calculus should instead take MATH 11100. Prerequisites: Math placement in group 1, 2 or 3, or completion of MATH 10000 with a grade of C- or better. (F,S,Y)
Attributes: QL
4 Credits

MATH 11000 College Algebra and Trigonometry (LA)

A modeling approach to college algebra and trigonometry. Topics include algebraic expressions (including radicals and exponents); equations and inequalities; polynomial and rational functions; exponential and logarithmic functions; systems of equations; trigonometric functions and properties. Prerequisites: Math Placement 2 or 3 or completion of MATH 10000 or MATH 18000 with a grade of C- or better.. (F-S,Y)
Attributes: 2B, NS
4 Credits

MATH 11100 Calculus I (LA)

Calculus of functions of one variable. Topics include limits, continuity, derivatives, applications of derivatives (problems of motion, graphing, and optimization), antiderivatives, and an introduction to the definite integral. Functions covered include polynomial, rational, exponential, logarithmic, trigonometric, and piecewise-defined functions. Prerequisites: Math placement in group 1, or completion of MATH 11000 with a grade of C- or better. (F-S,Y)
Attributes: 2B, NS
4 Credits

MATH 11200 Calculus II (LA)

Continuation of calculus of functions of one variable. Topics include differential equations, including slope fields, numerical solutions, and separation of variables; evaluation of integrals and antiderivatives; applications of integration; improper integrals; series, with an emphasis placed on power series. Prerequisites: MATH 11100 with a grade of C- or better or MATH 10800 with a grade of B or better. (F,S,Y)
Attributes: ESTS, NS
4 Credits

MATH 13500 Mathematical Art with Computers (LA)

Focuses on mathematical concepts such as symmetry, crystallographic groups, recursive patterns, spirals, and the golden ratio as they relate to geometric design. The use of computers enables students to explore these topics without an extensive math background. Prerequisites: Math placement in group 1, 2, or 3, or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (S,Y)
Attributes: 2B, NS
3 Credits

MATH 14400 Statistics for Business, Economics and Management (LA)

A first course in statistics covering descriptive statistical techniques; introduction to probability; statistical inference including problems of estimation and hypothesis testing; correlation and regression analysis; and multiple regression. Data sets and exercises will be chosen from the fields of business, economics, and management. Technology used in this course may include graphing calculators and statistical software. Prerequisite: Math placement in group 1 or 2, or completion of MATH 10400, MATH 10800 or MATH 11000 with a grade of C- or better. Not open to students who have completed MATH 14500 or MATH 21600. (F,S,Y)
Attributes: 2B, ESTS, NS, QL
4 Credits

MATH 14500 Statistics for the Health, Life, and Social Sciences (LA)

A first course in statistics covering descriptive statistical techniques; introduction to probability; statistical inference including problems of estimation and hypothesis testing; one-way ANOVA; and design of experiments. Most of the data sets and exercises will be chosen from the fields of biology, health, and life sciences, as well as from everyday life. Technology used in this course may include graphing calculators and statistical software. Prerequisite: Math placement group 1 or 2, or completion of MATH 10400, MATH 10800 or MATH 11000 with a grade of C- or better. Not open to students who have completed MATH 14400 or MATH 21600. (F,S,Y)

Attributes: 2B, ESTS, NS, QL

4 Credits

MATH 15200 Selected Topics: What Is Mathematics? (LA)

Cultural approach to selected topics in mathematics. See instructor for current list of topics. Students may not receive credit for both MATH 15200 and MATH 25200. Prerequisites: Math placement in group 1, 2, or 3, or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (F-S,Y)

Attributes: 2B, NS

3 Credits

MATH 15300 Mathematics as a Cultural Institution (LA)

Students reflect on and find their own answer to the questions: "What is Mathematics and where does it come from?" Investigates the nature of the institution of mathematics by experiencing, reading about, and discussing several aspects of mathematical thinking and learning. Uses ideas from philosophy, psychology, history, sociology, and biology to explore and gain insight into math as it has developed historically, as it is taught in schools, and as it is used in society. Prerequisites: MATH placement in group 1, 2, or 3, or completion of MATH 10000 with a grade of C- or better. (S,Y)

Attributes: NS, SO, SS, TIII, TWOS

3 Credits

MATH 15500 Basic Statistical Reasoning (LA)

Basic concepts involved in statistical reasoning, such as sampling and experimental design, description of data, normal approximation to data, correlation and regression, and probability. Emphasis is placed on understanding the use of statistics rather than on how to do statistical analysis. Not open to students who have taken MATH 14400, MATH 14500, MATH 21600 or PSYC 20700. Prerequisites: Math placement in group 1, 2, or 3, or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (F,S,Y)

Attributes: 2B, ESTS, NS, QL

3 Credits

MATH 16100 Math and Society (LA)

Explores connections between mathematics and the liberal arts. Covers three to six topics chosen for their mathematical and societal component, with comparable emphasis given to each component. Only a high school math background is assumed, but students must have scored in group 2 or 1 on the math placement exam. Actual course content varies with instructor, but examples of topics are exponential growth and world population; symmetry and group theory in art and architecture; fair allocation and equity; binomial models and the death penalty; quantitative communication and the media. Prerequisites: Math placement in group 1 or 2, or completion of MATH 11000 with a grade of C- or better. (F,S,Y)

Attributes: 2B, NS, SO, TIII, TWOS

3 Credits

MATH 16200 Proofiness (LA)

Explores the ways in which numerical arguments are used to deceive people. Discussions focus on particular types of numbers and numerical arguments in various contexts, such as education, finance, and health care. (Y)

Attributes: NS, QL

3 Credits

MATH 16300 Numbers in Education (LA)

Introduces different quantitative methods that are used by different stakeholders (teachers, administrators, and policy makers) to make decisions related to education. Topics include the achievement gap in education and data-driven instruction. (Y)

Attributes: NS, QL

3 Credits

MATH 16400 Math, Fairness, and Democracy (LA)

Addresses mathematical topics that have close connections to politics: apportionment, voting and weighted voting, fair division, and districting. (Y)

Attributes: QL, SO, TPJ, TWOS

3 Credits

MATH 18500 Math Experimentation (LA)

Students explore mathematical phenomena experimentally, detect patterns, and provide mathematical explanations for these patterns. Students gain insight into mathematical thinking and the process of conjecture by designing and implementing mathematical algorithms with a Computer Algebra System. Discrete dynamical systems including Markov chains will be investigated. Other topics vary but may include the distribution of prime numbers, modular arithmetic, the Collatz Conjecture. Prerequisites: Math placement in group 1, or completion of MATH 11000 with a grade of C- or better. (F,S,Y)

Attributes: NS

3 Credits

MATH 19000 Selected Topics in Mathematics (LA)

Topics to be determined by instructor and department. May be repeated for credit for selected topics on different subjects. Prerequisites:

Appropriate to topics. (IRR)

Attributes: 2B, NS

1-4 Credits

MATH 19100 World of Mathematics (LA)

Introduction to advanced mathematics through faculty presentations and problem-solving activities. Prerequisites: MATH 11200 or MATH 18500 (either may be taken concurrently). Pass/Fail only. (S,Y)

1 Credit

MATH 19200 Independent Study: Math (LA)

Individual study of selected subjects extending the student's mathematical knowledge. Prerequisites: Permission of instructor. (IRR)

Attributes: UND

1-3 Credits

MATH 21100 Calculus III (LA)

Introduction to vectors and the geometry of vector spaces. Calculus of functions of several variables: partial derivatives, gradients, optimization, double integrals. Prerequisites: MATH 11200 with a grade of C- or better. (F-S,Y)

Attributes: 2B, NS

4 Credits

MATH 21200 Calculus IV (LA)

Multiple integrals and change of variables. Line and surface integrals. Classical theorems of vector calculus. Prerequisites: MATH 21100 with a grade of C- or better. (S,Y)

Attributes: NS

3 Credits

MATH 21400 Differential Equations (LA)

Topics will include modeling with differential equations, existence and uniqueness of solutions, separation of variables; first order linear equations; second order equations with constant coefficients; homogeneous equations, phase plane analysis, eigenvalues; and systems of differential equations. Additional topics may include: series solutions of differential equations, non-linearity and equilibrium analysis, and transforms among others. Prerequisites: MATH 11200 with a grade of C- or better. (S,Y)

Attributes: NS

3 Credits

MATH 21600 Statistical Analysis (LA)

An introduction to statistical analysis for students with a calculus background, developing an understanding of descriptive and inferential statistics through the use of a variety of traditional and simulation methods. Topics will include hypothesis testing and parameter estimation. Additional topics to be selected from experimental design and data collection, exploratory data analysis, non-parametric methods, monte carlo and resampling methods, analysis of variance, correlation and regression. Statistical literacy and data analysis concepts will be emphasized. Prerequisites: MATH 10800 with a grade of B or better, or MATH 11100 with a grade of C- or better. (F,Y)

Attributes: NS, QL

3 Credits

MATH 22000 Mathematics for Childhood Education (LA)

This is a math content course for future elementary school teachers. Students develop a deep understanding of mathematical content, strengthen their mathematical reasoning and problem-solving skills, and learn how to help elementary students make mathematical sense of their world. (S,Y)

Attributes: NS, QL

3 Credits

MATH 23100 Linear Algebra (LA)

Topics include systems of linear equations and solutions; matrix operations; linear independence, span, basis, dimension, rank; linear operators and matrix representations; vector spaces, subspaces, change of coordinates; eigenvalues, eigenvectors; and applications.

Prerequisites: MATH 11200 with a grade of C- or better. (F,S,Y)

Attributes: NS

3 Credits

MATH 24600 Intermediate Statistics (LA)

Covers statistical methods not typically covered in introductory statistics courses. Topics include multivariate analysis and nonparametric techniques, bootstrapping and jackknife methods, and two-way ANOVA. Emphasis will be placed on working with data sets from a broad variety of disciplines with an exploratory data analysis approach. The statistical software environment R will be used in analyzing data. Prerequisite: MATH 14400, MATH 14500, MATH 21600, or PSYC 20700 with a grade of C- or better. (S,Y)

Attributes: NS, QL

3 Credits

MATH 25000 Problem-Solving Seminar (LA)

Techniques used in the solution of diverse mathematical problems are developed and discussed. Problems will often be drawn from national competitions, such as the Putnam exam and the COMAP Modeling Competition, or from problem sections of mathematics journals. The course will be offered for either 0.5 or one credit ; it may be repeated for credit up to a total of four credits. Prerequisites: MATH 11100 with a grade of C- or better. Pass/fail only. (F,S)

Attributes: NS

0.5-1 Credits

MATH 27000 Mathematical Reasoning with Discrete Mathematics (LA)

Focus is on the underpinnings of and strategies for mathematical arguments that constitute mathematical proof. These underpinnings include logical connectives, (universal and existential) quantification, and rules of deductive inference. Strategies include direct proof, indirect proof, "proof" by counterexample, proof by cases, and proof by induction. Students learn to employ these strategies and concepts to create basic mathematical proofs. Content topics include, but are not limited to, fundamentals concepts of sets and functions as well as multiple topics from discrete mathematics that include elementary counting principles. Prerequisites: MATH 23100 or MATH 18500 with a grade of C- or better. MATH 18500 may be taken concurrently. (S,Y)

Attributes: NS

3 Credits

MATH 29000 Selected Topics in Mathematics (LA)

Topics to be determined by instructor and department. This course may be repeated for credit when topics vary. Prerequisites: Permission of instructor. (IRR)

Attributes: NS

1-4 Credits

MATH 29200 Independent Study: Math (LA)

Individual study of selected subjects extending the student's mathematical knowledge. Prerequisites: Permission of instructor. (IRR)

Attributes: UND

1-3 Credits

MATH 30300 Abstract Algebra (LA)

Introduction to algebraic structures. Study includes concepts from group theory, ring theory, or field theory. Topics may include Abelian groups, cyclic groups, permutation groups, factor groups, ideals, quotient rings, integral domains, isomorphisms, and homomorphisms. Additional topics may be included. Prerequisites: One three or four credit level 2 MATH course with a grade of C- or better. (F,Y)

Attributes: NS

4 Credits

MATH 30500 Introduction to Analysis (LA)

Topology of the real line. Continuity, differentiability, and integrability of functions of a real variable. Prerequisites: One three to four credit level 2 MATH course with a grade of C- or better. (S,Y)

Attributes: NS

4 Credits

MATH 31100 Complex Analysis (LA)

Students explore the theory of functions defined in the complex plane, highlighting the interplay between geometric visualization and analysis. Topics may include the geometry of analytic mappings, power series, Cauchy's Theorem, and the Residue Theorem. Connections to other areas of mathematics and to other scientific fields will be explored through applications. Prerequisites: MATH 21100 or MATH 23100. (E,S)

3 Credits

MATH 31600 Probability (LA)

Topics include probability systems; random variables, their distributions, and expected values. Additional topics may include queueing theory, the theory of Poisson processes and the theory of Markov processes.

Prerequisites: MATH 21100 with a grade of C- or better. (S,Y)

Attributes: NS

3 Credits

MATH 32100 Graph Theory and Combinatorics (LA)

Topics in graph theory include basic properties of graphs, Eulerian trails, Hamilton chains, trees, and may include the chromatic polynomial, planar graphs, and the independence number. Topics in combinatorics include the pigeonhole principle, permutations and combinations, the binomial theorem, and may include generating functions, Catalan numbers, and Stirling numbers. Prerequisites: COMP 22000 or one MATH course at the 200-level. (E,F)

3 Credits

MATH 33100 Numerical Analysis (LA)

Theory and applications of numerical techniques. Topics will include error analysis, solution of non-linear equations and systems of equations, interpolation, approximation, numerical integration and differentiation and numerical solution of initial-value problems. Prerequisites:

MATH 21100 or MATH 23100. (O,S)

3 Credits

MATH 34800 Modern Data Science with R (LA)

Modern data science brings together programming, statistics, and mathematical skills to understand the world. The course focuses on data visualization and modeling, while also covering topics related to data management and programming in the R environment. Students use theory together with programming and statistical methods to develop the capacity to create new and unique models, visualizations, and/or solutions in data-based multidisciplinary investigations into problems from a variety of fields. Prerequisites: MATH 11200 (may be taken concurrently) and MATH 24600. (F,Y)

3 Credits

MATH 36200 Modern Geometry (LA)

Rigorous development of Euclidean and hyperbolic geometry from both a metric and synthetic point of view. Some topics in transformational geometry are also covered. Prerequisites: One three to four credit level 2 MATH course with a grade of C- or better. (F,O)

Attributes: NS

4 Credits

MATH 39000 Selected Topics in Mathematics (LA)

Topics to be determined by instructors and department. Fulfills a required mathematics elective. This course may be repeated for credit when topics vary. Prerequisites: Permission of instructor. (IRR)

Attributes: NS

1-4 Credits

MATH 39100-39200 Independent Study: Mathematics (LA)

Individual study of selected subjects extending the student's mathematical knowledge. This course may be repeated for credit for different studies. Does not fulfill a required mathematics elective.

Prerequisites: MATH 27000 with a grade of C- or better. (IRR)

Attributes: UND

1-3 Credits

MATH 39700 Junior Seminar (LA)

Students will work with faculty on focused mathematical investigations.

Research problems will be presented by faculty teaching MATH 39810

Research Experience in Mathematics. Students will attend a variety of

talks related to mathematics. Weekly problem solving related to research topics. Prerequisites: One level-2 MATH course. Pass/fail only. (F, Y)

Attributes: NS, UND

1 Credit

MATH 39810 Research Experience in Mathematics (LA)

Students actively participate in mathematical investigation and

exposition, working collaboratively on research questions. Review of

relevant literature and research methods will be incorporated. Students are required to present their findings both in writing (consistent with the

standards of the discipline) and in public presentations. Topics vary by

instructor. Prerequisites: MATH 39700; permission of instructor. (S,Y)

Attributes: NS

3 Credits

MATH 41000 Selected Topics in Continuous Mathematics (LA)

Emphasis is on mathematical topics in which the concept of continuity plays a key role. Specific content varies. Topics may include but are

not limited to, topology, manifold theory, fractal geometry, advanced

real analysis, differential topology, advanced differential equations, and

continuous dynamical systems. Prerequisites: One level-3 mathematics course with a grade of C- or better; junior standing. (IRR)

Attributes: NS

3 Credits

MATH 41100 Complex Analysis (LA)

Students explore the theory of functions defined in the complex plane, highlighting the interplay between geometric visualization and analysis.

Topics include the geometry of analytic mappings, power series, Cauchy's

Theorem, and the Residue Theorem. Connections to other areas of

mathematics and to other scientific fields will be explored through

applications. Prerequisites: One level-3 mathematics course with a grade of C- or better; junior standing. (IRR)

Attributes: NS

3 Credits

MATH 42000 Selected Topics in Discrete Mathematics (LA)

Emphasis is placed on mathematical topics principally concerned with

discrete entities. Specific content varies. Topics include, but are not

limited to, number theory, fair division, game theory, discrete dynamical

systems and advanced topics in group, ring, or field theory. Prerequisites:

One level-3 mathematics course; junior standing. (IRR)

Attributes: NS

3 Credits

MATH 42100 Graph Theory and Combinatorics (LA)

Topics in graph theory include basic properties of graphs, Eulerian trails, Hamilton chains, trees, and may include the chromatic polynomial, planar

graphs, and the independence number. Topics in combinatorics include

the pigeonhole principle, permutations and combinations, the binomial

theorem, and may include generating functions, Catalan numbers, and

Stirling numbers. Prerequisites: One level-3 mathematics course with a

grade of C- or better; junior standing. (IRR)

Attributes: NS

3 Credits

MATH 43000 Selected Topics in Applied Mathematics (LA)

Emphasis is on mathematics topics in an applied setting. Topics may include, but are not limited to mathematical modeling, partial differential equations, wavelets, scheduling theory, applied dynamical systems, and actuarial mathematics. Prerequisites: One level-3 mathematics course with a grade of C- or better; junior standing. (IRR)

Attributes: NS

3 Credits

MATH 43100 Numerical Analysis (LA)

Theory and applications of numerical techniques. Topics will include error analysis, solution of non-linear equations and systems of equations, interpolation, approximation, numerical integration and differentiation and numerical solution of initial-value problems. Prerequisites: One level-3 mathematics course with a grade of C- or better; junior standing. (IRR)

Attributes: NS

3 Credits

MATH 48000 Connections in Advanced Mathematics (LA)

Study of connections and relationships among various disciplines within mathematics. Specific content varies. Topics may include, but are not limited to, the following: historical development of mathematics and various philosophies of mathematics, cultural similarities and differences in viewpoints and developments in mathematics, cross-discipline approaches that combine subdisciplines such as probability techniques in number theory and random graph theory, field theory and geometric constructions, and algebraic topology. This course may be repeated for credit when topics vary. Prerequisites: One 300-level course in mathematics with a grade of C- or better. (F,Y)

Attributes: NS

3 Credits

MATH 49000 Selected Topics in Advanced Mathematics (LA)

Topics to be selected by instructor and students. Fulfills a required mathematics elective. This course may be repeated for credit when topics vary. Prerequisites: Permission of instructor. (IRR)

Attributes: NS

3 Credits

MATH 49200 Independent Study: Mathematics (LA)

Individual study of selected subjects extending the student's mathematical knowledge. Fulfills a required mathematics elective. This course may be repeated for credit. Prerequisites: Permission of instructor.

Attributes: NS, UND

1-3 Credits

MATH 49201 Independent Study: Math (LA)

Reading on selected advanced subjects, with frequent, informal discussions with the instructor. Fulfills a required mathematics elective. This course may be repeated for credit. Prerequisites: Permission of instructor.

Attributes: NS

1-3 Credits

MATH 49300 Honors Course in Math (LA)

Preparation of honors thesis in partial fulfillment of requirement for graduation with honors in mathematics. Prerequisites: Honors standing in mathematics. (IRR)

Attributes: NS

1-2 Credits

MATH 49400 Honors Course: Math (LA)

Preparation of honors thesis in partial fulfillment of requirement for graduation with honors in mathematics. Prerequisites: Honors standing in mathematics. (IRR)

Attributes: NS

1-2 Credits

MATH 49800 Capstone in Mathematics I (LA)

Students develop a capstone project proposal that will be completed in MATH 49900. Students reflect on how their prior math courses have prepared them for their project. Prerequisites: Junior standing; six credits in mathematics at level 3 or 4 with a grade of C- or better. (S,Y)

Attributes: CP, WI

1 Credit

MATH 49900 Capstone in Mathematics II (LA)

Students reflect upon the field of mathematics via an integrative project developed in concert with a faculty mentor. Students analyze mathematical ideas related to their projects and integrate this knowledge with ideas learned in the mathematics curriculum. Students complete a comprehensive thesis (begun in MATH 49800) and give a public presentation. Prerequisites: MATH 49800 with a grade of C- or better. (F,Y)

Attributes: CP, WI

2 Credits

Media Arts, Sciences & Studies (MASS)

MASS 10100 History of Narrative Film, Television, and Emerging Media Part I (LA)

A survey of narrative film and television from the perspective of the screenwriter. The course will explore the evolution of storytelling from the dawn of cinema in the 1880s to The Golden Age of Television in the 1950s and films of the early 1960s. The focus of the course will be narrative works of fiction and not experimental or documentary media. Weekly class screenings and readings will introduce students to important cinematic works and television milestones. Students will be expected to read and view additional content outside of class. Class discussions will focus on the evolution of the narrative and important historical influences. (F)

3 Credits

MASS 10200 History of Narrative Film, Television, and Emerging Media Part II (LA)

A survey of narrative film, television, and emerging media from the perspective of the screenwriter. The course will explore the continued evolution of storytelling in film, television, and emerging media from the New Hollywood era of the 1960s through the end of the millennium. The focus of the course will be narrative works of fiction and not experimental or documentary media. Weekly class screenings and readings will introduce students to important cinematic works, television milestones, and emerging media developments. Students will be expected to read and view additional content outside of class. Class discussions will focus on the evolution of the narrative and important historical influences. (S)

3 Credits

MASS 10400 Story: From Cave Paintings to Emerging Media (LA)

Students will explore story in myriad forms, from cave paintings to film, television, video games, and emerging media. Part lecture, part writing workshop, the course is designed to provide students with a foundation in the principles of dramatic structure. (F,S)

3 Credits

MASS 13400 Writing for Screen Media (LA)

An introduction to the theory and practice of writing for film, television, and emerging media. Instruction in the fundamentals of visual writing, character, plot, dialogue, and theme, as well as the integration of these elements into scenes and short scripts. (F-S)
3 Credits

MASS 20100 Introduction to Animation (NLA)

Intensive exploration of the art and craft of animated cinema. Through directed productions, screenings, readings, and workshops, students develop experience in a range of processes, compositing techniques, as well as digital and traditional methods. Prerequisites: CNPH 11100 or TVR 11500. (F-S)
4 Credits

MASS 20200 Introduction to Stop Motion Animation (NLA)

Are you a fan of Wallace and Grommet? Ever wonder how Nightmare Before Christmas was made? This course is a hands-on exploration of how to design, construct, and animate 3D models. Using stop-motion techniques, you will construct animation characters based on your design and use digital tools to capture their movements. We will also look into the history and traditions of this type of animation and discuss aesthetic trends and theories. Prerequisites: CNPH 11100 or TVR 11500. (IRR)
4 Credits

MASS 23300 Structuring the Feature Film (LA)

Theory and practice of screenwriting, with analysis of both classic and contemporary screenplays. Students focus heavily on the pre-writing process, drafting a treatment and step-outline for an original feature-length screenplay. Students participate in written and oral critiques of each other's work and complete, at minimum, the first act of a feature screenplay. Prerequisites: MASS 13400. (F-S)
3 Credits

MASS 23600 Writing for Series TV (LA)

Theory and practice of dramatic writing for series television with analysis of half-hour and hour-long television scripts. The course will feature a writing workshop where students focus on pitching stories, structuring multiple story lines and capturing character voices for their own original episode of an existing series. Prerequisites: MASS 13400. (F,S)
4 Credits

MASS 33300 Writing the Feature Film (LA)

Advanced theory and practice of screenwriting, with continued analysis of both classic and contemporary screenplays. Utilizing the pre-writing skills learned in MASS 23300, students will complete the first draft of an original feature-length screenplay and participate in written and oral critiques of each other's work. Prerequisites: MASS 23300. (F,S)
4 Credits

MASS 33400 Writing for Series TV (LA)

Theory and practice of dramatic writing for series television with analysis of half-hour and hour-long television scripts. The course will feature a writing workshop where students focus on pitching stories, structuring multiple story lines and capturing character voices for their own original episode of an existing series. Prerequisites: MASS 23300; Junior standing. (F; F-S in Los Angeles)
4 Credits

MASS 33500 Writing for Video Games and Emerging Media (LA)

An examination of the process of creating non-linear narratives. Students will develop an idea for an original video game, a video game based on an existing literary property, or an idea for a multi-platform narrative - and write parts of that narrative. Students will also study existing non-linear narratives to explore the basic principles of writing and they will examine the needs and expectations of the audience/viewer/player for immersive/interactive media and that of established media. Prerequisites: MASS 23300. (Y)
4 Credits

MASS 33600 Writing the Series Pilot (LA)

Theory and practice of dramatic writing for series television with analysis of original pilot scripts and series bibles. In a writing workshop students focus on creating a story world and a core cast of characters for their own original series. They will structure a step-outline for the first episode and write the pilot script. Prerequisites: MASS 23600. (F,S)
4 Credits

MASS 33701-33703 Selected Topics in Writing for Screen Media (LA)

Exploration and analysis of a specific genre or type of writing for screen media, designed to enhance and enrich the established writing for the screen curriculum. Topics will vary to reflect current and future trends in writing for screen media. May be repeated once for credit under a different topic. Prerequisites: MASS 23300, MASS 33400; junior standing. (Y)
4 Credits

MASS 43300 Thesis Screenwriting (LA)

Capstone workshop in the theory and practice of writing feature-length narrative screenplays. Students complete an original feature-length screenplay, with an emphasis on instructor and peer critique of works-in-progress. Prerequisites: MASS 33300. (F,Y)
4 Credits

MASS 43400 Thesis Writing for Screen Media (LA)

Capstone workshop in the theory and practice of writing for the screen. Students work individually or in teams to create original works for film, television, or emerging media, with an emphasis on instructor and peer critique of works-in-progress. Prerequisites: One course from the following: MASS 33300, MASS 33500, MASS 33600, MASS 33701-30. (S)
4 Credits

MASS 43500 Thesis Writing for Emerging Media (LA)

Capstone workshop in the theory and practice of creating screen narratives. Students work individually or in teams to create stories for video games, virtual worlds, or transmedia properties. Students critique each other's works-in-progress before turning in their own completed portfolio. Prerequisites: MASS 33500. (F)
4 Credits

MASS 43600 Thesis TV Writing (LA)

Capstone writing workshop in which students complete two original projects - one individual and one in a group. For the individual project, each student will conceive, outline and draft the pilot episode of an original comedy or drama. For the group efforts, students will collaborate to develop a second original pilot as if they would in a professional writer's room. Prerequisites: MASS 33600. (F,Y)
4 Credits

Music Sound Recording Technology (MSRT)

MSRT 14200 Audio-Recording Systems I (NLA)

Introduction to equipment, operation and techniques necessary to work as a staff engineer in a recording facility. Focuses on fundamentals of concert recording, live sound reinforcement, recording sessions, media duplication and distribution, and office management. Study of basic audio concepts with weekly hands-on training in operation of industry-standard audio software. Prerequisites: Acceptance in the sound recording technology major. (F,Y)

2 Credits

MSRT 14300 Audio-Recording Systems II (NLA)

Basic technical support and repair techniques for audio electronics used in recording and live sound reinforcement, including hazards and safety issues. Emphasis is on basic construction skills (soldering and wiring), analog-digital calibration, and computer and software troubleshooting. Study of intermediate audio concepts with continued hands-on training in operation of industry-standard audio software. Prerequisites: MSRT 14200. (S,Y)

2 Credits

MSRT 24100 Recording Workshop I (NLA)

Application of basic microphone use skills. Emphasis on refined stereo microphone placement techniques. Laboratory and discussion format explores stereo microphone placements for classical two track and multi-track recording sessions. Hands-on study of workflow and technical operation in a large-format recording studio. In-depth training on the SSL Duality console and other relevant studio equipment. Lecture/hands-on laboratory format with frequent group discussions. Prerequisites: MSRT 14300. (F,Y)

2 Credits

MSRT 24200 Recording Workshop II (NLA)

Live sound techniques and the acoustical environments including stage preparation, sound system placement, monitor mixes, sound system speaker placement, electrical wiring, compression and limiting, system equalization and effect processing. Emphasis on remote recording techniques. Hands-on component includes operation of a large-scale PA System, use of Real-Time Analyzers in PA tuning and acoustical analysis, and advanced live mixing techniques. Ear-training curriculum focuses on developing aural skills for the audio engineer. Prerequisites: MSRT 24100. (S,Y)

2 Credits

MSRT 24300 Critical Listening for the Recording Studio (NLA)

Analysis and comparison of specific recording techniques. Weekly meetings include discussion of artists and recording processes. Pass/fail only. Prerequisites: MSRT 14300. (F-S)

0.5 Credit

MSRT 34100 Advanced Recording Workshop I (NLA)

Advanced application of recording equipment and technology. Students re-create previously recorded music using current technology. Students conduct thorough research on the original production and establish communication with artist management, artist, and individuals responsible for the production of the original work of music. Course material focuses on recording session management, advanced tracking techniques, critical listening and analysis, production methods, and psychological aspects of the recording session. Prerequisites: MSRT 24200. (F-Y)

2 Credits

MSRT 34200 Advanced Recording Workshop II (NLA)

Continuation of MSRT 34100 Advanced Recording Workshop I with additional emphasis on tracking and acoustical microphone techniques. Students are limited to use of "legacy" technologies, such as magnetic tape and analog signal processing. Course material focuses on classic analog recording methods, tape machine calibration and alignment, machine synchronization, Dolby noise reduction systems, RIAA equalization curves, track bouncing, and stereo mastering. Prerequisites: MSRT 34100. (S,Y)

2 Credits

MSRT 34800 Advanced Microphone Techniques (NLA)

Advanced application of microphone use skills. Emphasis on refined professional techniques of placement both in stereophony and multi-track usage. Students learn techniques from in-class observations and lab experiences, self-experience in outside situations, and from others' experience. Prerequisites: MSRT 24200 or TVR 37100. (F)

3 Credits

MSRT 34900 Advanced Recording Techniques (NLA)

Advanced application of mixing and recording techniques. Students develop proficiencies in the areas of submixing, signal flow, signal processing, patching, mastering, multi-track sessions, mixing board topology, monitoring systems, and mixes and automation. Prerequisites: MSRT 34800. (S,Y)

3 Credits

MSRT 39100 Music Internship Preparation (NLA)

Career preparatory course for SRT students planning for their accredited internship. Students research potential internship sites and prepare for the application process by creating resumes and cover letters, establishing contact with professionals in the industry, and developing valuable skills key to a successful internship. Prerequisite: MSRT 24200. (F-S,Y)

2 Credits

MSRT 49100 Music Recording Internship (NLA)

Students spend at least 7 weeks working full-time in an approved recording studio, postproduction facility, sound reinforcement company, or multimedia production or development company, applying theories and developing techniques learned previously. Prerequisites: MSRT 39100. (F, S, Sum)

1-4 Credits

MSRT 49200 Senior Project (NLA)

Students produce and master a demo CD (portfolio) of materials for presentation. Materials for the senior project should be drawn primarily from previously recorded projects but should involve additional work, such as final mastering to CD, including appropriate coding, development of artwork, and registering and securing appropriate rights and copyrights. Prerequisites: MSRT 49100. (S,Y)

Attributes: CP

3 Credits

Music Education (MUED)

MUED 10100 Introduction to Music Education: Career Orientation (NLA)

An orientation for first-semester music education majors, including an overview of contemporary issues in music education. In addition, an exploration of career opportunities in music education and other fields will be covered. Introduction to Music Education serves as the first of four classes in the music field-experience sequence. (F-Y)

Attributes: TE

0.5 Credit

MUED 10200 Music Field Experience I (NLA)

Second of four semesters of observations or participation in music teaching in a variety of settings and student development levels.

Prerequisites: MUED 10100. (S-Y)

Attributes: TE

0.5 Credit

MUED 20100 Music Field Experience II (NLA)

Third of four semesters of observations of or participation in music teaching in a variety of settings and student developmental levels.

Prerequisites: MUED 10200. (F-Y)

Attributes: TE

0.5 Credit

MUED 20200 Current Topics in Music Education: Career Orientation (NLA)

This course is designed to address topics relevant to success in contemporary music education and will include several areas of focus required by NYSED regulations. Current Topics in Music Education serves as the fourth of four classes in the music field-experience sequence.

Prerequisites: MUED 20100. (S-Y)

Attributes: TE

0.5 Credit

MUED 24600 Classroom Instruments (NLA)

Techniques and materials for teaching children to play classroom instruments, including Orff instrumentarium, soprano recorder, autoharp, and guitar. Prerequisites: Sophomore standing; MUED 10200. (F-S)

Attributes: TE

1 Credit

MUED 26700 Music Education for Children (NLA)

Emphasis is placed on planning, implementing, and evaluating an eclectic curriculum based on conceptual pedagogy. Study of the influences of Dalcroze, Orff, and Kodály. Projects in designing materials for large group, small group, and individualized instruction of pre-kindergarten through grade 6. Survey of adaptations necessary for the special learner in music in mainstreamed and inclusive settings. Prerequisites: Sophomore standing; MUED 10200. (F-S)

Attributes: SL, TE

2 Credits

MUED 28000 Contemporary Ensembles in the Public Schools: Vocal-Choral (NLA)

Philosophical and pedagogical foundations for providing successful diverse musical experiences within the public schools. Special focus will be given to a broad range of musical genres and ensembles, including how to incorporate and support their inclusion into the traditional public school music program. The course will include experiential opportunities related to contemporary ensembles in the public school and will place added emphasis on world music. Prerequisites: MUED 20100. (S,Y)

Attributes: TE

1 Credit

MUED 28100 Contemporary Ensembles in the Public Schools: Instrumental-Band (NLA)

Philosophical and pedagogical foundations for providing successful diverse musical experiences within the public schools. Special focus will be given to a broad range of musical genres and ensembles, including how to incorporate and support their inclusion into the traditional public school music program. The course will include experiential opportunities related to contemporary ensembles in the public school and will place added emphasis on jazz. Prerequisites: MUED 20100. (S,Y)

Attributes: TE

1 Credit

MUED 28200 Contemporary Ensembles in the Public Schools: Instrumental-Orchestra (NLA)

Philosophical and pedagogical foundations for providing successful diverse musical experiences within the public schools. Special focus will be given to a broad range of musical genres and ensembles, including how to incorporate and support their inclusion into the traditional public school music program. The course will include experiential opportunities related to contemporary ensembles in the public school and will place added emphasis on ethnic fiddling. Prerequisites: MUED 20100. (S-Y)

Attributes: TE

1 Credit

MUED 30100-30200 Choral Conducting (NLA)

Designed to develop proficiency in manual and aural skills. Prerequisites: Junior standing; MUTH 22100 or MUTH 22101. (F)

Attributes: TE

2 Credits

MUED 30300-30400 Instrumental Conducting (NLA)

Designed to develop proficiency in manual and aural skills. Prerequisites: Junior standing; MUTH 22100 or MUTH 22101. (F)

Attributes: TE

2 Credits

MUED 34700 String Pedagogy (NLA)

Pedagogical techniques and field experience for teaching string instruments in private, small group, and large ensemble settings. A synthesis of pedagogical concepts introduced in secondary instrument classes. Prerequisites: Junior standing; secondary instruments through sophomore year. Corequisites: MUED 37100. (F)

Attributes: TE

2 Credits

MUED 35600 Laboratory Band (NLA)

A survey of elementary and junior high school ensemble materials. Students perform on instruments other than their major one and may, at the discretion of the instructor, be given opportunities to conduct rehearsals. Class meeting: Two hours per week. Prerequisites: Junior standing; MUED 30100 or MUED 30300. (S,B)

Attributes: UND

1 Credit

MUED 35700 Laboratory Orchestra (NLA)

A survey of elementary and junior high school ensemble materials. Students perform on instruments other than their major one and may, at the discretion of the instructor, be given opportunities to conduct rehearsals. Class meeting: Two hours per week. Prerequisites: Junior standing; MUED 30100 or MUED 30300. (S,E)

1 Credit

MUED 36100 Teaching Vocal - General Music (NLA)

Taught in tandem with the junior vocal student teaching experience at Immaculate Conception School. The pedagogical principles, philosophical issues, and the state and national standards that were introduced during the prerequisite courses are continued at a more advanced level and applied with children from preschool through grade 8 in the music classroom. Prerequisites: Junior standing; MUED 24600; MUED 26700. Corequisites: MUED 36900. (F)

Attributes: TE

1 Credit

MUED 36200 Teaching Instrumental Music (NLA)

Emphasis is placed on implementing a successful school instrumental music program, including philosophical issues, national and state standards, administration, evaluation, assessment, recruitment techniques, ensemble classroom management, and advocate/parent relations. Also a forum for field experience questions and issues.

Prerequisites: Junior standing; secondary instruments through the sophomore year. (S)

Attributes: TE

1 Credit

MUED 36800 General and Choral Music in the Secondary School (NLA)

The study and practical application of materials and techniques for teaching general and choral music in middle school, junior high, and high school. Special consideration is given to music for the changing-voice choir. Prerequisites: Junior standing; MUED 20200. (F-S)

Attributes: TE

2 Credits

MUED 36900 Student Teaching: Vocal (NLA)

Junior year. Observation of experienced teachers, followed by biweekly teaching experience under supervision in a local lab school (Immaculate Conception School). Prerequisites: Junior standing; MUED 20200; MUED 24600; MUED 26700 with a minimum grade of C+. Corequisites: MUED 36100. (F)

Attributes: TE

2 Credits

MUED 37100 Student Teaching: Instrumental (NLA)

Junior year. Observation of experienced teachers, followed by weekly teaching experience under supervision in area elementary schools. Prerequisites: Junior standing; secondary instruments through sophomore year; MUED 20200. Corequisites: MUED 37500 or MUED 34700. (F)

Attributes: TE

2 Credits

MUED 37500 Wind Instrument Pedagogy (NLA)

Pedagogical techniques and field experience for teaching woodwind and brass instruments in private, small group, and large ensemble settings. A synthesis of pedagogical concepts introduced in secondary instrument classes. Prerequisites: Junior standing; secondary instruments through sophomore year. Corequisites: MUED 37100. (F)

Attributes: TE

2 Credits

MUED 38000 Student Teaching and Rehearsal Lab: Vocal-Choral (NLA)

Junior Year. Observation of experienced teachers, followed by weekly primary-level teaching experience under supervision. The rehearsal lab is a supplement to the junior-level student teaching experience and is an extension of the rehearsal practice covered in the conducting course. The lab provides more opportunities for students to lead peers in large ensemble choral rehearsals, including choral warm-ups and rehearsal of distinctive choral repertoire in a wide range of styles and periods. The course includes the study of excellent repertoire appropriate for middle school and high school. Prerequisite: MUED 30100 and MUED 36900. Corequisite: MUED 30200. (S,Y)

2 Credits

MUED 38100 Student Teaching and Rehearsal Lab: Instrumental-Band (NLA)

Junior Year. Observation of experienced teachers, followed by weekly primary-level teaching experience under supervision. The rehearsal lab is a supplement to the junior-level student teaching experience and is an extension of the rehearsal practice covered in the conducting course. The lab provides more opportunities for students to lead peers in large ensemble band rehearsals, including band warm-ups and rehearsal of distinctive band repertoire in a wide range of styles and periods. The course includes the study of excellent repertoire appropriate for elementary school, middle school, and high school. Prerequisite: MUED 30300 and MUED 37100. Corequisite: MUED 30400. (S-Y)

2 Credits

MUED 38200 Student Teaching and Rehearsal Lab: Instrumental-Orchestra (NLA)

Junior Year. Observation of experienced teachers, followed by weekly primary-level teaching experience under supervision. The rehearsal lab is a supplement to the junior-level student teaching experience and is an extension of the rehearsal practice covered in the conducting course. The lab provides more opportunities for students to lead peers in large ensemble orchestra rehearsals, including orchestra warm-ups and rehearsal of distinctive orchestra repertoire in a wide range of styles and periods. The course includes the study of excellent repertoire appropriate for elementary school, middle school, and high school. Prerequisite: MUED 30300 and MUED 37100. Corequisite: MUED 30400. (S,Y)

2 Credits

MUED 40100 Advanced Choral Conducting (NLA)

Students engage in the study and practice of conducting choral music for improved clarity of basic conducting technique, working on advanced techniques and more challenging music. In addition, the course includes score study that leads to more artistic conducting and the study of rehearsal techniques that lead to expressive singing and musical understanding. Students will work through repertoire from a variety of periods and styles with varied conducting challenges. Prerequisites: MUED 30200 or MUED 30400. (B,F)

2 Credits

MUED 40200 Advanced Instrumental Conducting (NLA)

Studies and practices aimed toward improved clarity of basic stick technique through the use of unequal motions (rhythmic and melodic). Practical exploration of rehearsal techniques, with an emphasis placed on clarity and efficiency in solving problems of balance, ensemble, intonation, and phrasing. Prerequisites: MUED 30400. (F-B,E,S-B)

2 Credits

MUED 41000 Multicultural Perspectives in Music Education (LA)

An investigation of world musics in the context of cultural values and identities, with a focus on how to teach them to students in the public school setting. Prerequisites: MUED 36100, MUED 37500, or MUED 34700. (S-B, E)

2 Credits

MUED 44000 Materials and Rehearsal Techniques for the Public School (NLA)

The study and evaluation of materials appropriate for teaching elementary, junior high, and senior high school band. Included is the examination of method books, instructional materials, and music for wind band. Prerequisites: Junior standing; MUED 30300. (S)

2 Credits

MUED 44900 Marching Band Techniques (NLA)

A study of techniques employed by high school and college marching bands, including arranging, fundamentals, and charting procedures. Each student is required to chart an entire field band show. Includes extensive use of video. Prerequisites: Junior standing; MUED 37500 or MUED 35600, or permission of instructor. (S-B)
2 Credits

MUED 46800 Senior Block Student Teaching: Vocal (NLA)

Senior year. A diversified half-semester, full-time teaching experience in a carefully selected public school; emphasis on the junior and senior high school levels. Prerequisites: Senior standing; MUED 38000 within a minimum grade of C+ (see "prerequisites/eligibility" for the music education senior student teaching experience, in the "Music Education Student Teacher Handbook"). (F-S)
Attributes: TE
6 Credits

MUED 46900 Senior Block Student Teaching: Instrumental (NLA)

Senior year. A diversified half-semester, full-time teaching experience in a carefully selected public school; emphasis on the secondary school levels. Prerequisites: Senior standing; MUED 38100 or MUED 38200 with a minimum grade of C+ (see "prerequisites/eligibility" for the music education senior student teaching experience, in the "Music Education Student Teacher Handbook"). (F-S)
Attributes: TE
6 Credits

MUED 46912 Senior Semester Student Teaching (NLA)

Explore a full semester of full-time music teaching in a school. Working closely with the MUED department, placements are determined based on specific needs/preferences. Senior student teachers gain experience as a school music teacher under supervision and mentorship of an experienced cooperating teacher and college level supervisor. Emphasis will be on middle and high school music education. Prerequisites: Dean Permission. (F,S)
12 Credits

MUED 47000 Senior Music Education Capstone and Portfolio (NLA)

An independent project in which the music education student reflects on the Junior Student Teaching experience and synthesizes the experience with all the other Integrative Core, Liberal Arts, and School of Music curricula. Prerequisite: Senior standing. Co-requisite: MUED 46800 or 46900. (F,S)
Attributes: CP
2 Credits

Music Ensembles (MUEN)

MUEN 10500 Wind Ensemble (LA)

A select wind and percussion ensemble with an active program of concerts scheduled throughout the school year. Open to any student who can qualify by audition. Class meeting: Five hours per week. (F-S)
0-1 Credits

MUEN 10600 Concert Band (LA)

A wind and percussion ensemble open to any student who can qualify by audition. Several concerts are scheduled each semester. Class meeting: Four hours per week. (F-S)
0-1 Credits

MUEN 10700 Wind Symphony (LA)

A wind and percussion ensemble open to any student who can qualify by audition. Several concerts are scheduled each semester. Class meeting: Four hours per week. (F,S)
0-1 Credits

MUEN 10800 Choir (LA)

A select choral ensemble with an active performance schedule. Open to any student who can qualify by audition. A commitment for both fall and spring semesters is required. Class meeting: Five hours per week. (F-S)
0-1 Credits

MUEN 10900 Chorus (LA)

A large choral ensemble open to any student who can qualify by audition. Several concerts are scheduled each semester. Class meeting: Four hours per week. (F-S)
0-1 Credits

MUEN 11000 Treble Chorale (LA)

A choral ensemble open to all students with treble voices who can qualify by audition. Several concerts are scheduled each semester. A commitment for both fall and spring semesters is required. Class meeting: Four hours per week. Prerequisites: Instructor permission based on audition placement. (F,S)
0-1 Credits

MUEN 11100 Symphony Orchestra (LA)

The orchestra is open to any student who can qualify by audition. An active program of concerts is scheduled each semester. Class meeting: Five hours per week. (F-S)
0-1 Credits

MUEN 11200 String Orchestra (LA)

A select string ensemble open to any student who can qualify by audition. Several concerts are scheduled each semester. Class meeting: Two hours per week. Zero to one-half credit for music majors; one credit for non-music majors. (F-S)
0-1 Credits

MUEN 11300 Madrigal Singers (LA)

A select vocal chamber ensemble with an active performance schedule. Open to any student who can qualify by audition. Class meeting: Two hours per week. Zero to one-half credit for music majors; one credit for non-music majors. (F-S)
0-1 Credits

MUEN 11400 Contemporary Chamber Ensemble (LA)

The rehearsal and performance of chamber music written in the 20th century, with emphasis placed on recently composed works. Prerequisites: Audition. Zero to one-half credit for music majors; one credit for non-music majors. (F-S)
0-1 Credits

MUEN 11500 Guitar Ensemble (LA)

Performance situations for small guitar ensembles of varying combinations. Open to any student who can qualify by audition. Class meeting: One hour per week. Zero to one-half credit for music majors; one credit for guitarists who take the course as a major ensemble; one credit for non-music majors. (F-S)
0-1 Credits

MUEN 11700-11800 The Pianist as Collaborator (LA)

Survey of the diverse skills and roles of pianists in their work with other musicians. Develops initial skills needed in vocal and instrumental accompanying, score reduction, sight-reading, transposition, and work with conductors. Required of all keyboard majors. Class meeting: Two hours per week. (F-S)

1 Credit

MUEN 11900 Jazz Ensemble (LA)

A select jazz ensemble open to any student who can qualify by audition. Several concerts are scheduled each year. Class meeting: Four hours per week. Zero to one-half credit for music majors; one credit for jazz studies majors who take the course as a major ensemble; one credit for non-music majors. (F-S)

0-1 Credits

MUEN 11901 Jazz Repertory Ensemble (LA)

Experience in jazz ensemble playing. Open to any student who can qualify by audition. Several concerts are scheduled each year. Focus on foundational big band repertoire. Class meeting: Two hours per week. Zero to one-half credit for music majors; one credit for jazz studies majors who take the course as a major ensemble; one credit for non-music majors. (F-S)

0-1 Credits

MUEN 11902 Jazz Lab Band (LA)

Experience in jazz ensemble playing. Open to any student who can qualify by audition. Several concerts are scheduled each year. Designed to introduce the basics of jazz to students with little or no previous jazz experience. Class meeting: Two hours per week. Zero to one-half credit for music majors; one credit for non-music majors. (F-S)

0-1 Credits

MUEN 12100 Chamber Orchestra (LA)

A select chamber orchestra open to any student who can qualify by audition. An active schedule of concert appearances is maintained throughout the year. Serves as the opera orchestra during first block of the spring semester. Class meeting: Two 90-minute rehearsals per week. Zero to one-half credit for music majors; one credit for non-music majors. (F-S)

0-1 Credits

MUEN 12200 Tuba/Euphonium Ensemble (LA)

An ensemble for euphonium, bass tuba, and contrabass tuba. Readings and performances of literature written exclusively for 4-parts or more, including original compositions, transcriptions, and arrangements of music for tuba and euphonium. Literature will cover a wide variety of musical style periods, genres, and composers. (F,S)

0.5 Credit

MUEN 12300 Brass Choir (LA)

Study, rehearsal, and performance of standard brass choir literature and orchestral works. Open to any student who can qualify by audition. Class meeting: Two hours per week. Zero to one-half credit for music majors; one credit for non-music majors. (F-S)

0-1 Credits

MUEN 12400 Trombone Ensemble (LA)

An ensemble for alto, tenor, and bass trombones. Readings and performances of literature written exclusively for four parts or more, both original compositions and transcriptions/arrangements, covering a wide variety of musical style periods and genre. (F,S)

0.5-1 Credits

MUEN 12500 Jazz Vocal Ensemble (LA)

A select jazz chamber ensemble for singers and instrumentalists. Open to any student who can qualify by audition. An active program of concerts is scheduled each semester. Class meeting: Four hours per week. Zero to one-half credit for music majors; one credit for jazz studies majors who take the course as a major ensemble; one credit for non-music majors. (F-S)

0-1 Credits

MUEN 12501 Jazz Vocal Repertory Ensemble (LA)

Experience in jazz vocal ensemble singing for any student who can qualify by audition, regardless of major within or outside of the School of Music. At least one concert will be scheduled each semester. The repertoire chosen will be foundational jazz choir literature. Class meeting is two hours per week. Prerequisites: Permission of instructor by audition. (F,S)

0.5 Credit

MUEN 12600 Trumpet Ensemble (LA)

This course focuses on the development of ensemble skills for trumpet players, which includes intonation, precision, style, overall musical effect, and communication. Musical exercises and trumpet ensemble repertoire of a wide variety of musical style periods, genres, and composers will be used to develop these skills. Students will also develop leadership, group participation, individualism, professional commitment, and responsibility by having opportunities to lead the ensemble and by being a member of the ensemble. (F,S)

0.5 Credit

MUEN 12700 Percussion Ensemble (LA)

Ensemble experience and exposure to contemporary percussion literature. Several concerts are scheduled each semester. Open to any student who can qualify by audition. Class meeting: Four hours per week. Zero to one-half credit for music majors; one credit for non-music majors. (F-S)

0-1 Credits

MUEN 12900 Improvisation Ensemble (LA)

An ensemble dedicated to the performance of non-notated music created spontaneously, and not necessarily in any particular musical style. Introductory study of how compositions can be structured "in the moment" through the use of compositional principles including large-scale form, motivic development, melodic construction, harmony, and orchestration. The ensemble performs at Composition Recitals. Prerequisite: Music major or minor, or permission of instructor. (F-S)

0-1 Credits

MUEN 21700 Piano-Vocal Collaboration (NLA)

Develop historically and stylistically informed performances of the accompanied vocal literature. Explore poetry & lyrics on an in-depth level, as well as refine collaborative skills between pianist and vocalist with a focus on specific concerns such as interpretation of vocal music of varying languages and stylistic periods through masterclasses and individual coachings. Students will demonstrate their collaborative expertise via a public performance. Pianists enroll for vocalists enroll for . (F)

0.5-1 Credits

MUEN 21800 Piano-Instrumental Collaboration (NLA)

Develop historically and stylistically informed performances of accompanied instrumental literature. Address specific collaborative issues with regard to repertoire for piano and another instrument of varying styles and genres. Refine communication and listening skills between pianist and instrumentalist with a focus on specific concerns such as balance, phrasing, appropriate stylistic interpretation through masterclasses and individual coachings. Students will demonstrate their level of collaborative expertise via a public performance. Pianists enroll for instrumentalists enroll for .(S)

0.5-1 Credits

MUEN 30300 Piano Ensemble (LA)

Study and performance of music for piano: four hands, one and two pianos, and eight hands, two pianos. Required of all piano majors in the performance and four-and-a-half-year programs; also open to other undergraduate and graduate piano majors. Class meeting: Two hours per week. Prerequisites: PFMJ 20300 or by audition. Zero to one-half credit for music majors; one credit for pianists who take the course as a major ensemble; one credit for non-music majors. (F)

0-1 Credits

MUEN 31700 Piano/Instrumental Duo (NLA)

A performance master class focusing on literature for piano and instrument. Students enroll as a performance team and remain together for the semester. Appropriate literature is chosen in consultation with the course professor and major teachers. Students prepare assigned literature for class performance and critique. This course may substitute one time for chamber music (one-half credit). May be taken for one-half credit if a second ensemble. Class meeting: One hour per week. Prerequisites: MUEN 21800 or by audition. (F-S)

0.5-1 Credits

MUEN 31800 Piano/Vocal Duo (NLA)

A performance master class focusing on literature for piano and voice. Students enroll as a performance team and remain together for the semester. Appropriate literature is chosen in consultation with the course professor and major teachers. Students prepare assigned literature for class performance and critique. This course may substitute one time for chamber music (one-half credit). May be taken for one-half credit if second ensemble. Class meeting: One hour per week. Prerequisites: MUEN 21800 or by audition. (F-S)

0.5-1 Credits

MUEN 32100 Chamber Music (LA)

Study, rehearsal, and performance of a broad spectrum of chamber music by selected ensembles. Class meeting: A minimum of two hours of rehearsal per week with periodic coachings. Prerequisites: Junior standing. (F-S)

0-0.5 Credits

MUEN 42800 Early Music Performance Practice Ensemble (LA)

Ensemble experience and exposure to early music literature. Several concerts are scheduled each semester. Class meeting: Two hours per week. for music majors; for non-music majors. Prerequisite: MUMC 48300. (S)

0-1 Credits

Music Non-Major (MUNM)

MUNM 10300 Campus Band (LA)

A wind and percussion ensemble open to any student at Ithaca College who has previously played a wind or percussion instrument. There are no auditions for this ensemble. Campus Band is intended primarily for the non-music major who would like to continue to play an instrument in a large ensemble. One concert is scheduled each semester. Class meeting: Two hours per week. (F-S)

0-1 Credits

MUNM 10302 Ithaca College Campus Choral Ensemble (LA)

The Ithaca College Campus Choral Ensemble is a vocal ensemble open to any student at Ithaca College. It is intended primarily for the non-music major who would like to sing in a large vocal ensemble and is dedicated to the performance of repertoire that represents a wide variety of styles, time periods, and cultures. There are no auditions for this ensemble. One concert is scheduled each semester. (F-S)

0-1 Credits

MUNM 10304 Ithaca College Sinfonietta (LA)

The Ithaca College Sinfonietta (ICS) is an instrumental ensemble open to any student at Ithaca College who has prior experience performing a traditional orchestral instrument (woodwinds, brass, strings, or percussion). The repertoire is primarily based on full and string orchestra literature ranging from NYSSMA grade III to VI, and is selected to provide an enriching opportunity for a range of performers to experience both musical growth and enjoyment. There are no auditions for this ensemble. One concert is scheduled each semester. (F-S)

0-1 Credits

MUNM 10308 West African Drumming and Dance Ensemble (LA)

West African Drumming and Dance Ensemble is open to all registered students at Ithaca College and is comprised of three performance components - drumming, singing, and dancing. Students have the opportunity to explore first-hand the exciting traditions of West African music by investigating specific musical styles and traditions directly on "authentic" African musical instruments. Social functions and analytical study of dance movements in ritual, ceremonial, religious, and recreational contexts are also investigated. Students will be expected to drum, sing, dance and attend the final group performance each semester. (F,S,Y)

Attributes: ADSE, RPRE

0-1 Credits

MUNM 10400 Basic Materials of Music (LA)

Study of rhythm and meter, pitch, intervals, tonality, scales, key signatures and relationships, triads, notation, and terms and symbols. This course is designed primarily for B.F.A. musical theater and other non-music majors. (S)

Attributes: FA

2 Credits

MUNM 10600 Basic Music Skills for Musical Theatre Majors (LA)

Designed for B.F.A. in Musical Theatre majors, this course introduces foundational skills in music notation and theory through sight-reading, aural practice and creative musical lab experiences. (S)

1 Credit

MUNM 10700 Class Voice for the Non-Music Student (LA)

Small classes in voice to develop an understanding of the vocal mechanism and the application of sound principles of breath control and vowel placement. Course content is designed for the non-music student. (F-S)

1 Credit

MUNM 10800 Class Voice for the Non-Major Student (LA)

Small classes in voice to develop an understanding of the vocal mechanism and the application of sound principles of breath control and vowel placement. Course content is designed for the non-music student. (F-S)

1 Credit

MUNM 13000 Music in Society (LA)

An exploration of the social roles and implications of music in various cultures, leading to its role in contemporary America. The music is analyzed in terms of its elements – melody, harmony, rhythm, timbre, and form – as a means of identifying its aesthetic, cultural, and social functions. (S)

Attributes: 3B, CA, FA, G, MAP, TMBS

3 Credits

MUNM 14000 Rock Styles Since 1955 (LA)

An exploration of the styles of rock music since 1955. Rock is the primary topic, but also considered are styles that interact with rock (blues, gospel, pop, country, jazz, classical). The historical and sociological impact of various works and styles will be discussed, but the focus of the class is the identification of styles based on aural characteristics such as rhythm, melody, texture, and form. (F,S)

Attributes: 3B, CA, FA, H, MAP, TMBS

3 Credits

MUNM 16100 Worlds of Music (LA)

An introductory survey of the music of different cultures, with an emphasis on Native American, West African, South African, and South Asian contexts. Musical meaning is explored through classroom discussion, musical analysis, listening, and active participation in music making. (F)

Attributes: CA, G, INBG, TIDE, TIII

3 Credits

MUNM 16200 Pop 'n' Rock (LA)

For non-music and music majors. A historical overview of rock 'n' roll and popular music, based on listening and analysis of selected musical examples representing stylistic evolution from 1950 to the present. The first few classes are devoted to developing listening techniques (i.e., aural perception of melody, harmony, rhythm, meter, timbre, texture, form, tempo, and dynamics). (IRR)

Attributes: 3B, FA

2 Credits

MUNM 16205 British Popular Music (LA)

Broad overview of musical styles and genres of British popular music. Explores various innovative approaches to music taken by British artists since 1950. Includes a chronological outline of the continual turnover of genres and sub-genres. Includes class outings to relevant music venues, with an additional fee for concert tickets. For non-music and music majors. Offered through the London Center. (F,S)

Attributes: 3B, FA

3 Credits

MUNM 16300 Music in London (LA)

Explore the music of British composers, Victorian music halls, churches, academies, and musical theatre with music scholars and professional performers. Experience varied musical contexts through outings to famous London musical venues. Obtain special inside perspectives based on a backstage glimpse not afforded to the general public and meet instrumentalists and West End performers. Offered through the London Center. (F,S)

Attributes: INBG

3 Credits

MUNM 16400 British Popular Music (LA)

Broad overview of musical styles and genres of British popular music. Explores various innovative approaches to music taken by British artists since 1950. Includes a chronological outline of the continual turnover of genres and sub-genres. Includes class outings to relevant music venues, with an additional fee for concert tickets. For non-music and music majors. Offered through the London Center. (F,S)

Attributes: CA, TIII

3 Credits

MUNM 17100 Keyboard Musicianship I for Musical Theater Majors (NLA)

An introduction to the fundamentals of keyboard musicianship. Skill emphasis is placed on technique, repertoire, reading, rhythm, harmonization, transposition, playing by ear, and improvisation. Material drawn from popular and classical repertoire. Placement by audition only. (F)

1 Credit

MUNM 17200 Keyboard Musicianship II for Musical Theater Majors (NLA)

A continuation of keyboard skills developed in MUNM 17100. Additional emphasis is placed on accompaniment styles, reading, lead line notation, and development of arrangements from lead lines. Course material is drawn largely from popular music sources. Prerequisites: MUNM 17100. (S)

1 Credit

MUNM 17300 Keyboard Musicianship I for the Non-Music Major (LA)

An introduction to the fundamentals of music at the piano. Emphasis is placed on music notation, technique, rhythm, intervals, major and minor triads, tetrachords, improvisation, creating accompaniments, reading, and playing by ear. Material is drawn from popular and classical repertoire. Designed for the beginning pianist. (F-S)

1 Credit

MUNM 17400 Keyboard Musicianship II for the Non-Music Major (LA)

A continuation of keyboard skills developed in MUNM 17300. Additional emphasis is placed on major and minor keys and scales, modes, transposition, non-harmonic tones, and creating accompaniments using tonic and dominant harmonies. Solo and ensemble repertoire drawn from classical and popular styles. This course is appropriate for students who have completed MUNM 17300 successfully or who have studied piano previously. (F-S)

1 Credit

MUNM 22100 Musicianship for the Theater I (LA)

Musicianship studies designed specifically for B.F.A. musical theater majors: sight-singing, analysis, score reading, keyboard skills, and a variety of theoretical topics emphasizing diatonic music and music in traditional meters. Prerequisites: MUNM 10400. (F)

Attributes: FA

3 Credits

MUNM 22200 Musicianship for the Theater II (LA)

Musicianship studies designed specifically for B.F.A. musical theater majors – sight-singing, analysis, score reading, keyboard skills, and a variety of theoretical topics emphasizing chromatic music and music in non-traditional meters. Prerequisites: MUNM 22100. (S)

Attributes: FA

3 Credits

MUNM 25100 Music and the Media (LA)

A study and comparison of the forms and styles of music commonly used by the media, including radio, television, and film. Analysis of a variety of musical styles, especially music created expressly for media use, focuses on musical and media intent and function, methods of presentation, emotional response, and judgmental listening. No previous experience in music is required. (S)

Attributes: 3B, CA, FA, MAP, TIII

3 Credits

MUNM 25300 Involvement with Music (LA)

An exploration of practical music theory and structure designed for students with little or no music training. Skills are developed in the areas of aural perception (sight-singing, dictation, and listening), fundamentals, harmony, composition, conducting, and music analysis. For non-music majors only. (F-O)

Attributes: FA

3 Credits

MUNM 25400 Exploring Musical New York (LA)

Introduces the curious student to the classical musical arts by studying elements of selected live performing arts. Students attend up to five performances in New York City over Fall Break. Typical performances include a Broadway show, the New York Philharmonic Orchestra, the Metropolitan Opera and jazz musicians at a club. Students must be available to attend all events during Fall Break. A non-refundable lab fee must be paid no later than 6 weeks prior to the departure for the NYC shows, and covers transportation to and from NY, housing, and all tickets. (F,B)

2 Credits

MUNM 25500 Women in Music (LA)

An examination of the music and lives of women in various musical settings, beginning with classical music in medieval Europe and shifting, in the 20th century, to popular music in the United States. The class examines women's roles and contributions as singers, instrumentalists, composers, and conductors, as well as the challenges facing women as professional musicians. These are viewed within the context of society's perception of women at the time. Listening and analytical skills are developed through studying the music itself. The class is designed for non-music majors, with no musical background necessary, and issues raised are relevant to both men and women. (F)

Attributes: 3B, CA, FA, H, TIDE, WGS, WGSC

3 Credits

MUNM 25600 Women in Popular Music: From Bessie Smith to MTV (LA)

An examination of the lives and contributions of women in popular American music of the 20th century, focusing on their role in society as well as the challenges they have faced in developing their professional and personal lives, raising issues relevant to both men and women. The development of American popular culture is viewed in the context of its political climate and in terms of its roots in African American music, country and western music, and the music of American musical theater. The course focuses on the women practitioners in the genres of blues, jazz, gospel, country, and folk music; musical theater; rock; and contemporary pop music. The music is examined in detail, and listening and analytical skills are developed. This course is designed for non-music majors, with no musical background necessary. (F)

Attributes: 3B, ADCH, ADSE, CA, DV, FA, H, MAP, TIII, WGS, WGSC

3 Credits

MUNM 25700 History of American Popular Song (LA)

A survey of popular song in America from the Pilgrims to the present, in which the history of America is brought to life through the study of our continuing rich heritage of popular song. Discussion of the songs focuses on musical content, lyric meaning and message, performance practice and parameters, social and cultural functions, and the historical conditions and events that fostered the development and growth of the various popular styles. This course is designed for non-music majors, with no musical background necessary. (IRR)

Attributes: 3B, FA, H

3 Credits

MUNM 25800 Music of Latin America (LA)

Survey of the most significant music from Central and South America, with emphasis on the four most important Latin American styles: Mexican, Afro-Cuban, Brazilian, and Argentinean music. Aspects of each country's musical tradition and its most significant stylistic features will be analyzed and illustrated in class. (IRR)

Attributes: 3B, CA, DV, FA, G, H, TIDE, TIII

3 Credits

MUNM 25900 African American Popular Music: Blues to Hip Hop (LA)

Traces the evolution of African American music from its roots in the deep South to its urbanization and commercialization throughout the country. Explores the music's functions from plantation life to professional entertainment and studies how this music reflected the social and political environment of the times. Explores the lives and works of artists; the relationship between the industry and the artists from race records onward; and includes in-depth analysis of the music, text, and stylistic influences and evolution. (F)

Attributes: 3B, ADSE, CA, DV, FA, H, MAP, TIDE

3 Credits

MUNM 35100 American Musical Theater: History and Analysis (LA)

A historical study of the American musical theater from its origins to the present, including analysis of its musical and dramatic components, with special emphasis placed on the content, role, and function of the music. The course utilizes live performances in and out of class, focusing study on area productions. Students should have sufficient knowledge of musical notation to follow a written melody and lyrics while listening to a recording prior to taking this course. (F)

Attributes: 3B, FA, H

3 Credits

Music Performance Studies (MUPS)

MUPS 12000 The Singing Performer I: Body Awareness (NLA)

Develop body awareness through guided practice. Explore various techniques to emphasize physical presence and connection between body and space. Work primarily takes place during class time. (F,Y)

1 Credit

MUPS 12200 The Singing Performer II: Voice and Body Connection (NLA)

Develop body awareness through guided practice. Employ various techniques to emphasize physical and vocal presence, and connection between body, voice, and space. Work primarily takes place during class time. (S,Y)

1 Credit

MUPS 16100 Diction I (NLA)

A detailed study of the International Phonetic Alphabet, with particular attention to the rules and symbols of English, Italian, and German diction. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. (F)

2 Credits

MUPS 16200 Diction II (NLA)

A detailed study of the International Phonetic Alphabet, with particular attention to the rules and symbols of French diction. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. Prerequisites: MUMC 16100 or MUPS 16100. (S) 2 Credits

MUPS 16300 Diction for the Non-Vocal Music Major (NLA)

The study of the International Phonetic Alphabet (IPA) as it relates to English, Italian, German, and French vowel and consonant sounds. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. For music majors in the Music Education, and four-and-one-half-year programs, piano and guitar tracks. (S) 2 Credits

MUPS 17100 Performance Diction I: IPA and English Lyric Diction (NLA)

This class examines the basics of the International Phonetic Alphabet (IPA). This will be applied to the singing pronunciation of English and then expanded to include resources for beginning comprehension and pronunciation of other languages. Through written exercises, lecture, listening lab, poetic recitation, repetition, and in-class coaching and performance, students will learn the basics of the International Phonetic Alphabet (IPA), develop their ability to identify the component sounds of English, and to enunciate and express them with clarity and physical ease. They will also learn how to effectively use English diction for expressive purposes. Corequisites: PFMJ 10100. (F) 1 Credit

MUPS 17200 Performance Diction II: Italian and Spanish Lyric Diction (NLA)

This class examines the basics of the International Phonetic Alphabet (IPA) as applied to the singing pronunciation of Italian and Spanish. Through written exercises, lecture, listening lab, poetic recitation, repetition, and in-class coaching and performance of recitative, arias and songs, students will continue to learn the basics of the International Phonetic Alphabet (IPA), develop their ability to identify the component sounds of Italian and Spanish, and to enunciate and express them with clarity and physical ease. Prerequisites: MUPS 17100 or MUPS 16300. (S) 1 Credit

MUPS 17300 Performance Diction III: German Lyric Diction (NLA)

This class examines the basics of the International Phonetic Alphabet (IPA) as applied to the singing pronunciation of German. Through written exercises, lecture, listening lab, poetic recitation, repetition, and in-class coaching and performance, students will continue to learn the basics of the International Phonetic Alphabet (IPA), develop their ability to identify the component sounds of German, and to enunciate and express them with clarity and physical ease. Prerequisites: MUPS 17100 or MUPS 16100 or MUPS 16300. (F) 1 Credit

MUPS 17400 Performance Diction IV: French Lyric Diction (NLA)

This class examines the basics of the International Phonetic Alphabet (IPA) as applied to the singing pronunciation of French. Through written exercises, lecture, listening lab, poetic recitation, repetition, and in-class coaching and performance, students will continue to learn the basics of the International Phonetic Alphabet (IPA), develop their ability to identify the component sounds of French, and to enunciate and express them with clarity and physical ease. Prerequisites: MUPS 17100, MUPS 16100, or MUPS 16300. (S) 1 Credit

MUPS 20000 Basic Piano Pedagogy (NLA)

The art and science of piano pedagogy is explored through an overview of the basic components of professional piano teaching. The emphasis is on teaching beginners focusing on principles of one-on-one instruction. A review of mainstream methods and materials focuses on technique and the early development of musicianship through piano study. Career opportunities as an independent studio teacher are explored through learning the strategies and standards for developing an independent studio business. Prerequisites: PFMJ 10300. (E,F) 1 Credit

MUPS 21000 Group Piano Pedagogy (NLA)

Explore the history, rationale, and logistical considerations of teaching group piano in a college setting or as part of an independent studio. Experience teaching piano in a group environment through active participation in peer teaching and guided observations. Discover how cooperative learning theory and creative curriculum development can motivate your students. Groups of all ages including small children, teens (in the public-school environment), college-aged music majors and non-majors, and senior adults are part of the practical teaching experiences. Prerequisites: PFMJ 10300. (F,O) 1 Credit

MUPS 22000 The Singing Performer III: Interpretation and Integration (NLA)

An interdisciplinary course designed to further develop body awareness and theatrical acting skills for singers. Emphasis on acting techniques and styles of movement. Culminates in a performance of a song or aria, using acting styles and movement techniques to create a fully formed, identifiable stage persona. Prerequisites: PFMJ 10100. (Y) 2 Credits

MUPS 27700 Introduction to the Organ (NLA)

Basic instruction in playing the organ, with an overview of organ history and construction. Covers the basics of legato, including substitution and thumb glissando, as well as pedal playing. Weekly meetings in a seminar setting include lecture, written, and keyboard components. Prerequisites: PFSM 17600. (F,S) 1 Credit

MUPS 27900 Introduction to the Harpsichord (NLA)

Basic instruction in playing the harpsichord, as well as insight into playing continuo, with an overview of harpsichord history, literature, and construction, and the basics of figured bass realization and figured bass in the context of continuo accompaniment. Adaptation of realized continuo parts into more usable accompaniments is emphasized. Prerequisites: PFSM 17600. (F,S) 1 Credit

MUPS 35000 Piano Pedagogy Practicum (NLA)

Piano pedagogy practicum is a hands-on mentored teaching experience for students interested in teaching in an independent private studio. Teaching assignments are individually designed to complement the student's interest. Opportunities exist in the on-campus Teaching Intern Program (average age beginners), off-campus studios and programs, individual or group lessons, and with a variety of age groups including adults and senior citizens. Mentoring involves guided preparation and assessment. Credit is determined by the scope of the teaching assignment. Prerequisites: MUMC 20000. (F,S) 0.5-2 Credits

MUPS 37300 Required Junior Recital (NLA)

As a condition for graduation, students in the performance and four-and-a-half year programs are required to present a junior solo recital approximately one hour long. (F,S)

1 Credit

MUPS 41000 Piano Pedagogy Forum (NLA)

Engage in an in-depth study of selected topics in the art and science of piano pedagogy. Build upon foundational principles of piano pedagogy through research, discussion, and applied practice. This course is cross-listed with MUPS 51000 for graduate students. Prerequisites: MUPS 35000. (F,S)

1-2 Credits

MUPS 47301 Senior Voice Recital (NLA)

As a condition for graduation, students in the performance and four-and-a-half year programs are required to present a senior solo recital, approximately one hour long. This capstone experience includes preparation through private voice lessons as well as study of the languages, poetry, and musical and dramatic elements with a vocal coach. Prerequisites: MUMC 37300. (F,S)

2 Credits

MUPS 48500 Survey of Piano Literature I (LA)

Examine the standard piano literature from the origins of the keyboard through the middle romantic period by listening, performing, and analyzing the repertoire. Develop an appreciation for, and a historical understanding of, the rich heritage of piano literature. (F,O)

2 Credits

MUPS 48600 Survey of Piano Literature II (LA)

Piano literature in the period from the mid 19th century Romantic Period through the present day is explored through listening, performing, and analyzing the repertoire. Through in-depth study of the literature, this course develops appreciation for the rich heritage, as well as the historical and cultural context of piano literature. (O,S)

2 Credits

MUPS 51000-51500 Piano Pedagogy Forum (NLA)

Engage in an in-depth study of selected topics in the art and science of piano pedagogy. Build upon foundational principles of piano pedagogy through research, discussion, and applied practice. This course is cross-listed with MUPS 41000 for graduate students. Prerequisites: MUPS 35000. (F,S)

1-2 Credits

MUPS 55500 Vocal Pedagogy (NLA)

This course combines lecture and experiential components related to teaching voice in the private lesson setting. The pedagogy of teaching voice, including teaching methods, voice science, performance psychology, and artistic concerns will be covered. In addition, students will teach two volunteer students in weekly singing lessons, culminating in a volunteer student recital. Included in the course are aspects of the business of running an independent voice studio. (S,Y)

2 Credits

MUPS 58500 Survey of Piano Literature I (LA)

The study of piano literature from the high baroque through the middle romantic periods. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Periodic examinations and individual projects are required. One hour of lecture and one half hour of lab meetings weekly. (F,O)

2 Credits

MUPS 58600 Survey of Piano Literature II (LA)

The study of piano literature from the middle romantic period through the 20th century. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Periodic examinations and individual projects are required. One hour of lecture and one-half hour of lab meetings weekly. (O,S)

2 Credits

MUPS 59000 Choral Literature and Performance Practice 1 (LA)

A survey of choral literature and performance practices from the Medieval era to the Classical era. (E,S)

2 Credits

MUPS 59100 Choral Literature and Performance Practice 2 (LA)

A survey of choral literature and performance practices from the Romantic era to the present including world musics. (O,S)

2 Credits

MUPS 65000 Piano Pedagogy Practicum (NLA)

A mentored teaching experience for students interested in teaching piano in a "real world" environment. Teaching assignments are individually designed to complement the student's interest. Opportunities exist in the on-campus Teaching Intern Program (average age beginners), off-campus studios and programs, individual or group lessons, and with a variety of age groups including adults and senior citizens. Mentoring involves guided preparation and assessment. Credit is determined by the scope of the teaching assignment. (F,S,Y)

1-2 Credits

Music Thry, Hist, Aural, Comp (MUTH)

MUTH 10100-10101 Fundamentals of Music Theory (LA)

Study of rhythm and meter, pitch, intervals, tonality, scales, key signatures and relationships, triads, notation, and terms and symbols. (F-B)

Attributes: FA

1 Credit

MUTH 10200 First-Year Music Theory Seminar (LA)

Changing topics in introductory music theory and analysis for first-year music majors with some prior knowledge of music theory. (F,B,Y)

1 Credit

MUTH 12100 Introduction to Musical Styles (LA)

Students will develop the ability to understand music in many historical and cultural contexts, and will develop and advance their basic music literacy, especially a working knowledge of the elements of musical design. In addition, students will develop critical listening skills and an awareness of chronology and will learn a variety of music literature. (F-S)

Attributes: 3B, FA, H

2 Credits

MUTH 12200 Music Theory I (LA)

Study of two-voice contrapuntal frameworks, triads and seventh chords and their inversions, nonchord tones, and tonal structure involving diatonic harmony. Written application of all subject material, demonstrating the principles of good voice leading. Keyboard and vocal demonstration of harmonic concepts. Harmonic and structural analysis of selected works. Aural recognition of chord sonority types, harmonic progressions, cadences, and textures. Prerequisites: MUTH 10100 or successful results from the placement exam. (F-S)

Attributes: FA

2 Credits

MUTH 12201 Music Theory I -- Honors (LA)

A more in-depth study of the material covered in MUTH 12200.

Prerequisites: Placement testing. (S)

Attributes: FA

2 Credits

MUTH 13300 Aural Skills I (LA)

Development of musical skills through singing prepared and unprepared material, melodic and rhythmic dictation, and vocal/keyboard exercises.

Uses moveable "do" solfeggio syllables in the major and minor modes, in treble, alto, and bass clefs. Rhythmic material in simple, compound, and changing meters, including first and second divisions of the beat, fundamental rhythm patterns, and complementary rhythm. (F,S)

Attributes: FA

1.5 Credits

MUTH 13301 Aural Skills I - Honors (LA)

A more in-depth study of the material covered in MUTH 13300.

Registration is based on placement testing. (F)

Attributes: FA

1.5 Credits

MUTH 13400 Aural Skills II (LA)

Continued development of basic musical skills learned in MUTH 13300 or MUTH 13301. Additional work with minor mode. Introduction of chromatic passing and neighbor tones, tonicization of the relative major and the dominant, tenor clef, and changing clefs. Presentation of anacrusic phrasing, syncopation, and changing meter. Prerequisites: Grade of C- or above in MUTH 13300 or MUTH 13301. (F-S)

Attributes: FA

1.5 Credits

MUTH 13401 Aural Skills II - Honors (LA)

A more in-depth study of the material covered in MUTH 13400.

Prerequisite: Grade of C- or above in MUTH 13301 or excellent achievement in MUTH 13300 and departmental approval. (S)

Attributes: FA

1.5 Credits

MUTH 14100-14200 First-Year Composition (NLA)

Practical study of the techniques necessary for coherent expression in a creative work. Students examine established works and are assigned original musical excerpts and original compositions, exploring aspects of formal structure and style. Prerequisites: First-year Composition majors only. (F)

3 Credits

MUTH 22100 Music Theory II (LA)

Continued study of diatonic harmony. Study of period design and other small musical formal structures, harmonic sequences, applied chords, and tonicization and modulation. Written application of all subject material, demonstrating the principles of good voice leading. Keyboard and vocal demonstration of harmonic concepts. Harmonic and structural analysis of selected works. Aural recognition of sonority types, harmonic progressions, textures, and form. Prerequisites: MUTH 12200 or MUTH 12201. (F-S)

2 Credits

MUTH 22101 Music Theory II -- Honors (LA)

A more in-depth study of the material covered in MUTH 22100.

Prerequisite: MUTH 12201 or excellent achievement in MUTH 12200 and departmental approval. (F)

2 Credits

MUTH 22200 Music Theory III (LA)

Study of mode mixture, chromatic tonicization and modulation, the Neapolitan sixth chord, augmented sixth chords, extended tertian chords, and more advanced harmonic topics. Written application of all subject material, demonstrating the principles of good voice leading. Keyboard and vocal demonstration of harmonic concepts. Harmonic, structural, and aural analysis of selected works in binary and ternary form. Aural recognition of sonority types, harmonic progressions, textures, and form. Prerequisites: MUTH 22100 or MUTH 22101; MUTH 12100. (F,S)

2 Credits

MUTH 22201 Music Theory III -- Honors (LA)

A more in-depth study of the material covered in MUTH 22200.

Prerequisite: MUTH 22101 or excellent achievement in MUTH 22100 and departmental approval. (S)

2 Credits

MUTH 23300 Aural Skills III (LA)

Development of advanced musical skills, building on skills from MUTH 13400 or MUTH 13401. Assigned work with vocal/keyboard exercises leading to the skill level necessary to perform a simple art song. Continued exploration of chromaticism through secondary dominant chords, and modulation. Rhythmic materials include irregular division of the beat, asymmetrical meters, and changing meters. Prerequisites: Grade of C- or above in MUTH 13400 or MUTH 13401. (F-S)

1 Credit

MUTH 23301 Aural Skills III - Honors (LA)

A more in-depth study of the material covered in MUTH 23300.

Prerequisite: Grade of C- or above in MUTH 13401 or excellent achievement in MUTH 13400 and departmental approval. (F)

1 Credit

MUTH 23400 Aural Skills IV (LA)

Continued development of advanced musical skills learned in MUTH 23300 or MUTH 23301. Presentation of transient modulations, and modal melodies. Introduction to 20th-century music through impressionist, post-tonal and atonal melodies, trichord patterns, and complex rhythmic and metric combinations. Prerequisites: Grade of C- or above in MUTH 23300 or MUTH 23301. (F-S)

1 Credit

MUTH 23401 Aural Skills IV - Honors (LA)

A more in-depth study of the material covered in MUTH 23400.

Prerequisite: Grade of C- or above in MUTH 23301 or excellent achievement in MUTH 23300 and departmental approval. (S)

1 Credit

MUTH 24100-24200 Composition (NLA)

Study and application of the techniques necessary for coherent expression in creative musical work. Students are assigned original compositions to explore motivic, harmonic, and formal design, as well as style, idiom, and orchestration, in order to create effective and meaningful works. Registration is based on previous written work and the permission of the instructor. Private tutorial instruction and one class meeting per week. Prerequisites: MUTH 14200. (F,S)

3 Credits

MUTH 24400 Composing in the Schools (NLA)

Composing in the Schools is a collaborative program between the Ithaca College composition department, and local and regional-area schools. The IC composition student receives hands-on experience working with children in a creative capacity by co-creating a musical work with and for K-12 children. Instrumentation varies from band and string ensembles to vocal groups. The IC student attends rehearsals and the premiere performance of the work and speaks. The student also speaks to the audience prior to the performance. The partnership provides real-life experiences for the IC student while providing a valuable service to the greater Ithaca community. Prerequisite: MUTH 14200. (F,Y)
1 Credit

MUTH 25200 Songwriting (LA)

Students creatively and critically develop modern songwriting skills, moving beyond the basics of mere musical self-expression. Songwriting is a learnable craft involving musical and textual clarity, thrift, and depth. Across genres, certain compositional and thematic qualities consistently underlie songs that are artistically and/or popularly successful, independent of their production and performance. This class focuses on these qualities. Activities include discussion, listening, creative exploration, collaboration, peer evaluation, and analysis of popular songs past and present. Students from all musical backgrounds are welcome, but the course presupposes a familiarity with keys, scales, chords, and rhythms. (S,Y)
3 Credits

MUTH 25500 History and Literature of Music I (LA)

Survey of music from the early Christian era to the mid-18th century, focusing on origins and evolution of musical styles, forms, and genres. Social and cultural contexts are examined in relation to musical materials and their application within specific repertoires. Prerequisites: Any MUTH course. (F)
Attributes: 3B, G, H, HU
3 Credits

MUTH 25600 History and Literature of Music II (LA)

Survey of music from the mid-18th century to the late 19th century, focusing on distinctive features of musical styles, forms, and genres. Social and cultural contexts are examined in relation to musical materials and their application within specific repertoires. Prerequisites: MUTH 25500; WRTG 10600 or ICSM 10800 or ICSM 11800. (S)
Attributes: 1, 3B, G, H, HU, WI
3 Credits

MUTH 32100 Form and Analysis (LA)

Examination of the traditional techniques of musical form and structure and their application to compositions primarily from the 18th and 19th centuries. Prerequisites: MUTH 22200 or MUTH 22201. (F)
2 Credits

MUTH 32101 Form and Analysis -- Honors (LA)

A more in-depth study of the material covered in MUTH 32100. Prerequisite: MUTH 22201 or excellent achievement in MUTH 22200 and departmental approval. (F)
2 Credits

MUTH 32200 Analysis of Music since 1900 (LA)

Study of harmonic, rhythmic, melodic, and formal techniques from about 1900 to the present. Introduction of various analytical systems. Prerequisites: MUTH 22200 or MUTH 22201. (S)
2 Credits

MUTH 32201 Analysis of Music since 1900 - Honors (LA)

A more in-depth study of the material pertaining to the harmonic, rhythmic, melodic, and formal techniques from about 1900 to the present covered in MUTH 32200. Prerequisite: MUTH 32101. (S)
2 Credits

MUTH 34100-34200 Composition (NLA)

Study and application of the techniques necessary for coherent expression in creative musical work. Students are assigned original compositions to explore motivic, harmonic, and formal design, as well as style, idiom, and orchestration, in order to create effective and meaningful works. Registration is based on previous written work and the permission of the instructor. Private tutorial instruction and one class meeting per week. Prerequisites: MUTH 24200. (F,S)
3 Credits

MUTH 34500 Orchestration for Composers I (LA)

This course is an intensive study of orchestration techniques from the early Classical period to the 21st Century from a compositional perspective. Students will analyze instrumental/orchestral works and transcribe piano/small chamber scores. Prerequisites: MUTH 24100. (S,E)
2 Credits

MUTH 35500 History and Literature of Music III (LA)

Survey of music from about 1900 to the present, focusing on transformations of traditional musical idioms as well as newly developed styles. Social and cultural contexts, including politics, censorship, and economic factors, are examined in relation to musical materials and their application within specific repertoires. Prerequisites: MUTH 25600. (F)
Attributes: 3B, G, H, HU
3 Credits

MUTH 36000 Chord Symbol Realization at the Keyboard (LA)

Decode and perform the two most common keyboard notation shorthands used in Western music—figured bass and lead-sheet symbols. Explore useful voicing techniques in various contexts. Prerequisites: MUTH 22200 or MUTH 22400. (S,E)
1 Credit

MUTH 42100 Topics in Music Theory and Analysis (LA)

Changing topics in music theory and analysis. Prerequisites: MUTH 32200 or MUTH 32201. (Y)
2 Credits

MUTH 42900 Advanced Aural Skills (LA)

Extends aural skills developed in lower-level courses in the aural skills, music theory, and music history core, including emphases on formal analysis and music since 1900. Prerequisites: MUTH 23400 or MUTH 23401; MUTH 32100 or MUTH 32101; MUTH 35500; and prior or concurrent registration in MUTH 32200 or MUTH 32201. (S,B,O)
1 Credit

MUTH 43100 Sixteenth-Century Counterpoint (LA)

Study of polyphonic techniques based on the stylistic principles of the 16th-century sacred literature. Composition of canons, motets, and movements from the mass. Prerequisites: MUTH 25500; MUTH23300 or MUTH23301. Corequisites: MUTH 32100 or MUTH 32101. (F-B,O)
2 Credits

MUTH 43200 Eighteenth-Century Counterpoint (LA)

Study of polyphonic techniques based on the stylistic principles of the 18th-century keyboard literature. Invention (two- and three-voice), chorale prelude, canon, and fugue are studied. Analysis and written projects. Prerequisites: MUTH 22200, MUTH 25600, and MUTH 23300 or MUTH 23301. (F,E)
2 Credits

MUTH 43500 Choral Arranging (LA)

Arranging for elementary through high school choruses and special choirs. Analysis and study of choral part-writing, encompassing unison, simple two-, three-, and four-part, and multi-voice units. Prerequisites: MUTH 22200 or MUTH 22201. (Y)

2 Credits

MUTH 43700 Instrumentation and Orchestration (LA)

Study of orchestral and band instruments in terms of range, transposition, and individual characteristics. Scoring of works for both standardized and less common ensembles of various sizes. Prerequisites: MUTH 32200 or MUTH 32201. (F,S)

2 Credits

MUTH 44100-44200 Composition (NLA)

Study and application of the techniques necessary for coherent expression in creative musical work. Students are assigned original compositions to explore motivic, harmonic, and formal design, as well as style, idiom, and orchestration, in order to create effective and meaningful works. Registration is based on previous written work and the permission of the instructor. Private tutorial instruction and one class meeting per week. Prerequisites: MUTH 34200. (F,S)

3 Credits

MUTH 44300 Pedagogy of Music Theory (NLA)

A survey of the pedagogical aspects of teaching music theory and aural skills on the high school and college levels. Focus on current approaches, presentation, and implementation of materials suitable for the study of theory, harmony, and aural skills. Prerequisites: MUTH 32100 or MUTH 32101. (S, O)

3 Credits

MUTH 44500 Orchestration for Composers II (LA)

This course is a continuation of MUTH 34500. The course is an intensive study of orchestration techniques from the early Classical period to the 21st Century from a compositional perspective. Students will learn to transcribe piano/small chamber scores, works for orchestra, and will learn to reduce orchestral works to scores for one or two pianos. Students will also write original, short compositions for orchestra. Prerequisites: MUTH 34500. (F,O)

2 Credits

MUTH 45100 Instrumental Chamber Music Literature (LA)

A historical survey of instrumental chamber music from the Renaissance to the present. Prerequisites: MUTH 35500. (S,E)

3 Credits

MUTH 45200 The History and Literature of the Art Song (LA)

A broad historical survey of the secular art song from the Middle Ages to the present, with greatest emphasis placed on the German, French, Italian, and English song repertory of the 18th and 19th centuries.

Prerequisites: MUTH 35500. (IRR)

Attributes: GERM

3 Credits

MUTH 45700 History and Literature of Opera (LA)

Traces the history, development, and repertory of opera from the beginning of the Baroque period to the present. The primary focus of the course, however, is on the standard performing repertory from Handel through Britten. Live performance in class and video excerpts of great performances provide stimuli for class discussion. Prerequisites: MUTH 35500. (Y)

Attributes: FA

3 Credits

MUTH 45800 The Symphony (LA)

The study of orchestral music, tracing its development from the baroque era to the present. Representative examples of the concerto and symphonic poem are included. Prerequisites: MUTH 35500. (S,O)

3 Credits

MUTH 46400 Introduction to Composition (LA)

The study and practice of compositional procedures used in traditional and contemporary concert music, leading to composing brief works for solo instruments and small chamber ensembles. Prerequisites: MUTH 22200 or MUTH 22201; MUTH 23400 or MUTH 23401.

Corequisites: MUTH 35500. (F)

2 Credits

MUTH 49100 Advanced Music Theory Seminar I (LA)

Introduction to Schenkerian notation and thought; discussion of interdisciplinary approaches to music theory and current trends in music theory, overview of discipline of music theory, exploration of relationships between liberal arts studies and studies in music theory. Prerequisites: MUTH 32200 or 32201. (F)

Attributes: CP

1 Credit

MUTH 49200 Advanced Music Theory Seminar II (LA)

Current trends in music theory, overview of discipline of music theory, mathematically-based research in music theory, application of relationships between liberal arts studies and studies in music theory. Prerequisites: MUTH 49100. (S)

Attributes: CP

1 Credit

MUTH 49800 Composition Recital (NLA)

Performance of representative compositions. The program should include approximately 45 minutes of music. (F,S)

Attributes: CP

2 Credits

Music-Miscellaneous (MUMC)

MUMC 10100 Required Recital Attendance (NLA)

All full-time students in the School of Music are required to attend 12 performances during the semester. The distribution is as follows: at least 3 Guest Artist or Faculty, at least 3 ensemble, at least 3 student, and 3 free choice (any of the above or a master class). The associate dean will determine how this policy applies to transfer students. Additional attendance requirements are at the option of the major teacher. (F,S)

Attributes: FA

0 Credit

MUMC 10300 Introduction to Music Technology (NLA)

Introduction to hardware and software technologies and their specific application to the music field. This course requires music reading ability and basic keyboard skills. Prerequisites: majors in the School of Music or consent of the instructor. (F-S)

Attributes: TE

1 Credit

MUMC 14000 Musical Theater Rehearsal and Performance (NLA)

Participation in rehearsal and performance of a major musical theater production sponsored jointly by the Department of Theatre Arts in the School of Humanities and Sciences. Students receive credit for assignments in instrumental or vocal performance. Evaluated for pass/fail grade only by the music faculty member in charge of the designated area of specialization. Evaluation based on degree of professional attitude and quality of performance. Audition required prior to enrolling. Class meeting: Varies according to the extent of the role/credit granted. Music students may not enroll in THPA 13000 Rehearsal and Performance. May be taken for a maximum of (F-S)
0-2 Credits

MUMC 14500 Introduction to Electroacoustic Music (LA)

Introduces the essential elements of classical and contemporary electroacoustic music. Theoretical and practical studies focus on the elements of sound synthesis, audio mixing, and recording. Students are exposed to major works in the classical electroacoustic field while creating their own compositions. No prior formal training in music or electronics is required. Students meet for one lecture and one lab per week and are assigned biweekly studio time for assignments and their own explorations. (F,S,Y)
Attributes: 3B, FA
2 Credits

MUMC 16100 Diction I (NLA)

A detailed study of the International Phonetic Alphabet, with particular attention to the rules and symbols of English, Italian, and German diction. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. (F)
Attributes: GERM
2 Credits

MUMC 16200 Diction II (NLA)

A detailed study of the International Phonetic Alphabet, with particular attention to the rules and symbols of French diction. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. Prerequisites: MUMC 16100 or MUPS 16100. (S)
2 Credits

MUMC 16300 Diction for the Non-Vocal Music Major (NLA)

The study of the International Phonetic Alphabet (IPA) as it relates to English, Italian, German, and French vowel and consonant sounds. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. For music majors in the Music Education and four-and-one-half-year programs, piano and guitar tracks. (S)
2 Credits

MUMC 16600 Career Orientation (NLA)

Lectures, films, panel discussions, workshops, and performances present thorough coverage of careers in the music field. Members of the School of Music faculty, all of whom are experienced in the areas they discuss, are present during class sessions. These appearances, together with those of selected off-campus guests, permit a realistic appraisal of current vocational opportunities. Students are assisted in (1) selecting goals in the music profession that are realistic in view of present conditions of employment, and (2) evaluating their career goals in light of their own qualifications and those apparently essential for success in the field. Also provides a summary of United States copyright law and its implications for music teachers, performers, and composers. (S)
1 Credit

MUMC 19900-19901 Independent Study: Music (NLA)

Independent study under the direction of a music faculty member for areas of study otherwise not available in the curriculum. A written proposal must be submitted not later than the end of the first week of classes. Requires approval of the sponsoring faculty member and the dean. Request forms for independent study are available in the music office. Also offered through the London Center. (F-S)
1-3 Credits

MUMC 21000 Scoring for Visual Media I (NLA)

This course introduces students to the theory and practice of musical scoring for film and other visual media. Students will learn the technical processes of syncing music to image, compositional strategies and techniques used to support the visual narrative, and the use of software and sample libraries for the creation of film scores. Students will develop the ability to understand musical and visual decisions made in the film making process. Course includes practical scoring exercises and projects. Prerequisites: MUTH 10100. (F,Y)
2 Credits

MUMC 21100 Music in NYC (LA)

A seminar designed around music performances such as orchestral, opera, musical theatre, chamber, and new music performances programmed in NYC during the semester. Students enrolled in the ICNYC program will attend a planned selection of at least seven performances and meet weekly for preparation, discussion, and reflection. As appropriate students will have the opportunity to attend rehearsals and meet the artists. Prerequisites: Sophomore standing and MUTH 12100. (F)
3 Credits

MUMC 22000 Acting and Movement for the Singing Performer (NLA)

An interdisciplinary course designed to develop body awareness and theatrical acting skills for singers. Emphasis on acting techniques and styles of movement. Culminates in a performance of a song or aria, using acting styles and movement techniques to create a fully formed, identifiable stage persona. Prerequisites: PFMJ 20100. (F)
2 Credits

MUMC 22100 NYC Music Special Topics Mini-Course (LA)

Exploration and discussion of a special topic over two or three days and linked to events in NYC. Prerequisites: Sophomore standing and music majors only. (F)
1 Credit

MUMC 24500 Music Industry Past and Present: History of Recorded Music (LA)

Historical survey of the past 150 years in music making, told through the lens of recording technology. Emphasis on the evolution of recording technology and exploration of its role in the musical experience. Through four chronologically oriented units, students explore the specific equipment developed, operational techniques, key figures in the industry, technology's relationship with prevalent musical styles, and relevant sociological effects. Prerequisite: sophomore standing. (S)
Attributes: CA, MAP, TIII, TWOS
3 Credits

MUMC 24800 Digital Sound Production (LA)

This studio-oriented course explores the concepts and basic applications of MIDI systems. Students learn to use software sequencers in the process of composing and creating classical, electroacoustic, and popular music. This course may be used as a music elective for the bachelor of music degree. Students meet for one lecture and one lab per week, and are assigned biweekly studio time for assignments and their own explorations. Prerequisites: MUMC 14500. (S)

Attributes: FA

2 Credits

MUMC 24900 Techniques and Analysis of Electroacoustic Music Composition (LA)

An elective for the music major or non-music major with prior electroacoustic composition experience. Subjects covered include alternate MIDI controllers, advanced sequencing techniques, timbre design using a variety of contemporary synthesis techniques, and analysis of representative electroacoustic works by contemporary composers. This course may be used as a music elective for the bachelor of music degree. Students meet for one lecture and one lab per week, and are assigned biweekly studio time for assignments and their own composing. Prerequisites: MUMC 14500; MUMC 24800. (IRR)

Attributes: FA

2 Credits

MUMC 25000 Digital Recording and Editing (LA)

Enables students to develop expertise in the art and science of digital recording and sound sampling. Topics include the theory and practice of digital recording, editing, and mixing; field sample collection; and music composition techniques using digital recording software. This course may be used as a music elective for the bachelor of music degree. Students meet for one lecture and one lab per week, and are assigned biweekly studio time for assignments and their own composing. Prerequisites: MUMC 14500. (F)

Attributes: FA

2 Credits

MUMC 25500 Vocal Pedagogy I: Basics of Vocal Mechanics (NLA)

Explore the functions and human anatomy involved in using the voice: body alignment, breathing, phonation, resonance, and articulation. Students engage in classroom activities and demonstrations that provide visual, aural and kinesthetic illustrations that enhance their working understanding of the vocal instrument. Additionally, this course serves to educate students on vocal health, wellness and hygiene. Appropriate for vocalists, instrumentalists, actors, and other students pursuing professions that require an understanding of the mechanics of the singing instrument. (S,F,B)

1 Credit

MUMC 27300 Elective Recital (NLA)

In consultation with their major performance professor, music majors may give a solo recital for elective music credit. These programs may be full recitals (approximately one hour in length), or a shared half recital (approximately one-half hour per performer). Prerequisites: Permission of instructor. Credit: Full recital, half recital, (F-S)

0.5-1 Credits

MUMC 27700 Introduction to the Organ (NLA)

Basic instruction in playing the organ, with an overview of organ history and construction. Covers the basics of legato, including substitution and thumb glissando, as well as pedal playing. Weekly meetings in a seminar setting include lecture, written, and keyboard components. Prerequisites: PFSM 17600. (F,S)

1 Credit

MUMC 27900 Introduction to the Harpsichord (NLA)

Basic instruction in playing the harpsichord, as well as insight into playing continuo, with an overview of harpsichord history, literature, and construction, and the basics of figured bass realization and figured bass in the context of continuo accompaniment. Adaptation of realized continuo parts into more usable accompaniments is emphasized.

Prerequisites: PFSM 17600. (F,S)

1 Credit

MUMC 28100 Selected Topics in Music (LA)

Study of topics in music chosen by the instructor and approved by the appropriate department chair. Prerequisites: As appropriate to the topic.

Attributes: FA

1-3 Credits

MUMC 29900-29901 Independent Study: Music (NLA)

Independent study under the direction of a music faculty member for areas of study otherwise not available in the curriculum. A written proposal must be submitted not later than the end of the first week of classes. Requires approval of the sponsoring faculty member and the dean. Request forms for independent study are available in the music office. Also offered through the London Center. (F-S)

1-3 Credits

MUMC 35100 Reaching Out to Audiences (LA)

An exploration of how musicians can reach and build broader audiences for the various genres of classical music. Topics include the importance of community involvement, musicians' interaction with audiences, visual presentation of performance (e.g., multimedia, lighting), presenting 20th- and 21st-century music to diverse audiences, connecting with music education programs in colleges and the public schools, and understanding several aspects of music management. Prerequisites: Two semesters of private lessons at level 2. Class meetings: Two hours per week for one block. (F)

1 Credit

MUMC 37100 Band Instrument Management and Maintenance (NLA)

An introduction to the methods, procedures, and terminology necessary to organize, maintain, and distribute an inventory of brass and woodwind instruments in a public school setting. Addresses basic inspection and cleaning techniques, as well as preventative maintenance and instrument storage issues. Inventory control procedures, contracts, and repair budget estimation are covered. This course is open to all instrumental and vocal music majors who plan to teach in public or private schools. Prerequisites: Junior standing. (S,B)

1 Credit

MUMC 37300 Required Junior Recital (NLA)

As a condition for graduation, students in the performance and four-and-a-half year programs are required to present a junior solo recital approximately one hour long. (F,S)

1 Credit

MUMC 37500 Style Registration in Organ Music (LA)

Study of various stylistic concepts in organ composition and the corresponding types of registration. Exercises in the appropriate registration for instruments of different specifications. (IRR)

2 Credits

MUMC 38100 Selected Topics in Music (LA)

Study of topics in music chosen by the instructor and approved by the appropriate department. Prerequisites: As appropriate to the topic.

1-3 Credits

MUMC 39000 Internship: Music (NLA)

Practical experience in a music-related field. A supervised work experience with a cooperating institution or business to provide the student with an opportunity to meet active professionals and to guide career planning. The student must develop a proposed project and carry out its requirements under the supervision of a faculty sponsor. Pass/fail only. Prerequisites: Junior or senior standing; approval of faculty sponsor and dean. (F-S)

1-3 Credits

MUMC 39900-39901 Independent Study: Music (NLA)

Independent study under the direction of a music faculty member for areas of study otherwise not available in the curriculum. A written proposal must be submitted not later than the end of the first week of classes. Requires approval of the sponsoring faculty member and the dean. Request forms for independent study are available in the music office. Also offered through the London Center. (F-S)

1-3 Credits

MUMC 40300 Computer Technology in Music Education (NLA)

Advanced course in computer technology for students majoring in music education. Activities include surveying current CAI materials, creating MIDI and digital audio resources for web delivery, and developing musical resources designed for use in teaching. Prerequisites: MUMC 10300; MUED 36900, MUED 37000, MUED 37100, or MUED 37200. (F-S)

2 Credits

MUMC 40400 Interactive Multimedia Design for Musicians (NLA)

Advanced course for musicians interested in learning how to design and create interactive multimedia. The goal is to help students learn to create different types of multimedia materials specifically designed to focus on their area of musical interest and expertise. These materials may take many different forms, but they will all be content rich and stress the musicianship and interests of each individual student. Prerequisites: MUMC 10300 and MUTH 32100 or MUTH 32101. (S)

2 Credits

MUMC 41000 Feldenkrais (NLA)

This course is based on the Awareness Through Movement® lessons developed by Moshe Feldenkrais. Through gentle movement sequences, musicians can learn to improve coordination, posture, and balance, which can lead to more artistic performance. Prerequisites for music majors: Junior standing. Prerequisites for non-music majors: Permission of instructor. (F)

1 Credit

MUMC 41100 Creative Arts Methods for Older Adults (NLA)

Techniques for developing a creative arts program including music, drama, and movement for older adults. The process combines an overview of gerontological issues and their relationship to the needs of older adults. Classes meet on campus and at local adult-care facilities. Prerequisites: Junior standing. (S,O)

3 Credits

MUMC 42000-42005 Selected Topics in Art Song Literature (NLA)

Changing topics in art song literature and performance practice. Prerequisites: PFMJ 30100 or PFMJ 30300. (F-S-B)

1 Credit

MUMC 42006-42010 ST: Art Song Literature (NLA)

Changing topics in art song literature and performance practice. Prerequisites: PFMJ 30100 or PFMJ 30300. (F,S,B)

1 Credit

MUMC 44500 Musical Theater Workshop (NLA)

A team-taught, interdisciplinary, performance-oriented course designed to integrate musical and theater performance skills through the selection, development, and presentation of scenes from musicals. Audition required. Prerequisite: Permission of instructor. (F-S)

2 Credits

MUMC 44700 Opera Workshop (NLA)

A team-taught, interdisciplinary, performance-oriented course designed to integrate musical and theater performance skills through the presentation of scenes from the standard and contemporary operatic repertoire. Audition required. Prerequisite: Permission of instructor. (F-S)

2 Credits

MUMC 44800 Audio Repair, Maintenance, and Calibration (NLA)

A workshop course on the theoretical and practical skills behind normal maintenance and calibration of both analog and digital equipment in the audio recording studio. This includes tape head alignment, level calibration, mixing console maintenance and repair, the development of troubleshooting and analytical skills, room equalization and acoustics, computer repair, maintenance, and memory management. Prerequisites: COMP 17100; PHYS 16000 or THPA 30600. (F,B)

2 Credits

MUMC 45000 Scoring for Visual Media II (NLA)

This course is a continuation of MUMC 21000. This course presents an examination and application of the aesthetic, technical, and compositional decision-making processes used in scoring for film and television. Students study the roles of music in film and television and the compositional techniques used to further the drama and plot. They learn about the mechanics of synchronization, including free-timing, the use of click tracks, and Society of Motion Picture and Television Engineering synchronization, and then apply them in their own scores. The class studies representative cues from classic and contemporary film music repertoire. Students participate in spotting, scoring, mixing, and recording their own cues. Prerequisites: MUMC 21000; MUTH 34500, MUTH 43700, or JAZZ 32600 may be taken as a prerequisite or a corequisite. (S,E)

2 Credits

MUMC 45500 Vocal Pedagogy II: Application and Practice of Voice Teaching (NLA)

This course combines lecture and experiential components related to teaching voice in the private lesson setting. The pedagogy of teaching voice, including teaching methods, voice science, performance psychology, and artistic concerns will be covered. In addition, students will teach one volunteer student in weekly singing lessons, culminating in a volunteer student recital. Included in the course are aspects of the business of running an independent voice studio. Prerequisites: MUMC 25500. (S,Y)

2 Credits

MUMC 46000 Opera in London (LA)

The class takes advantage of the wide range of operatic activity in London, not only by attending as many live performances as possible, but also by meeting with opera performers and directors and by making backstage visits to London's two main opera houses. Offered through the London Center. (S)

3 Credits

MUMC 46100 Senior Seminar in Music, Liberal Arts, and Outside Fields (LA)

A capstone experience for students in the Bachelor of Music in Combination with an Outside Field and the Bachelor of Arts degree programs. Students will engage in individual research, that combines music with another major area of interest and that explores the relationship between music and each student's studies in liberal arts and outside fields. Discussions will center on developing and understanding these relationships. Presentations and a final eportfolio are required. Presentation projects may be based in part on performances, internships, or other experiential learning. Prerequisites: Senior standing; open only to majors in BA music and BM in Combination with an Outside Field. (S) Attributes: CP
2 Credits

MUMC 46900 String Instrument Maintenance and Repair (NLA)

An introductory course dealing with string instrument adjustments, troubleshooting, and emergency repairs typically encountered by teachers in public school music programs. Prerequisites: Senior standing. (S,O)
1 Credit

MUMC 47000 Introduction to Brass Repair (NLA)

An introduction to the care, maintenance, and repair of the trumpet, horn, trombone, and tuba. (IRR)
1 Credit

MUMC 47100 Introduction to Woodwind Repair (NLA)

An introduction to tools and tool making, care of woodwinds, emergency repairs, basic clarinet repair skills, and flute and saxophone work. This course is less detailed than MUMC 47200. Those electing this course may not enroll in the spring-semester offering of MUMC 47200. (F)
1 Credit

MUMC 47300 Required Senior Recital (NLA)

As a condition for graduation, students in the performance and four-and-a-half-year programs are required to present a senior solo recital, approximately one hour long. (F-S)
Attributes: CP, TE
2 Credits

MUMC 47301 Senior Voice Recital (NLA)

As a condition for graduation, students in the performance and four-and-a-half year programs are required to present a senior solo recital, approximately one hour long. This capstone experience includes preparation through private voice lessons as well as study of the languages, poetry, and musical and dramatic elements with a vocal coach. Prerequisites: MUMC 37300. (FS)
Attributes: CP
2 Credits

MUMC 47500 Required Collaborative Recital (NLA)

Students prepare and perform a recital of standard length (approximately 50-60 minutes), composed of approximately one-half vocal and one-half instrumental literature, in collaboration with students from other studios. Students may also fulfill this requirement by appearing in two separate recitals (one instrumental, one vocal) and performing at least half of each recital. Repertoire is approved and coached by the supervising faculty member in PFMJ 44700-PFMJ 44800 Private Accompanying. Grading is by faculty committee. Prerequisites: Senior standing; piano performance-collaborative emphasis major; prior or concurrent registration in PFMJ 44700. (F-S,Y)
1 Credit

MUMC 48100 Selected Topics in Music (LA)

Study of topics in music chosen by the instructor and approved by the appropriate department. Prerequisites: As appropriate to the topic.
1-3 Credits

MUMC 48300 Performance Studies in Early Music (LA)

The study and performance of early music for singers and instrumentalists. Projects require transcribing music from primary and secondary sources, studying performance techniques on available historical instruments, and rehearsing and performing the transcribed music. Historical authenticity versus modern practicality are discussed. May be repeated for credit. (F-S)
2 Credits

MUMC 48500 Survey of Piano Literature I (LA)

The study of piano literature from the high baroque through the middle romantic periods. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Periodic examinations and individual projects are required. The course includes one hour of lecture and one half-hour lab meeting weekly, and is required of keyboard majors in the performance program in the senior year. (F,IRR)
1 Credit

MUMC 48600 Survey of Piano Literature II (LA)

The study of piano literature from the middle romantic period through the 20th century. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performance. Periodic examinations and individual projects are required. The course includes one hour of lecture and one half-hour lab meeting weekly, and is required of keyboard majors in the performance program in the senior year. (S,IRR)
1 Credit

MUMC 48700 Survey of Violin and Viola Literature (LA)

The study of violin and viola literature from the 17th century through the 20th century. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. The course includes weekly aural assignments, individual projects, and periodic examinations. Prerequisites: Senior or graduate standing. (S)
2 Credits

MUMC 49000 Internship: Music (NLA)

Practical experience in a music-related field. A supervised work experience with a cooperating institution or business to provide the student with an opportunity to meet active professionals and to guide career planning. The student must develop a proposed project and carry out its requirements under the supervision of a faculty sponsor. Pass/fail only. Prerequisites: Junior or senior standing; approval of faculty sponsor and dean. (F-S)
Attributes: UND
1-3 Credits

MUMC 49300 Piano Pedagogy (NLA)

In-depth study for keyboard majors of methods and materials pertaining to the study of piano as both a major and a minor instrument. Special consideration is given to the area of beginning piano study. Various aspects of both group and individual lessons are considered. (S,IRR)
2 Credits

MUMC 49400 Piano Technology (NLA)

Study of the art and science of piano tuning, repair, and action regulating, including history of the piano and its predecessors; physics of keyboard instruments; and practical work in maintaining and rebuilding pianos. (F)
2 Credits

MUMC 49900-49901 Independent Study: Music (NLA)

Independent study under the direction of a music faculty member for areas of study otherwise not available in the curriculum. A written proposal must be submitted not later than the end of the first week of classes. Requires approval of the sponsoring faculty member and the dean. Request forms for independent study are available in the music office. Also offered through the London Center. (F-S)

Attributes: TE

1-3 Credits

Occupational Therapy-Undergrad (OTBS)

OTBS 10600 Introduction to Occupational Science (LA)

An overview of the science of human occupation and theoretical models that are used to describe the impact of occupation on individuals.

Includes the personal, physical, psychosocial, cultural, and environmental factors of work, self-care, and play/leisure. An introduction to the domain of occupational therapy is included. (F-S, Y)

3 Credits

OTBS 20100 Human Development I (LA)

Study of developmental theories and factors influencing normal development from prenatal to adolescence. Developmental norms and sequences are examined, with emphasis on sensorimotor, cognitive, and psychosocial tasks, as well as occupational development. Beginning skills in the observation of normal children are developed. Prerequisites: PSYC 10300; sophomore standing. (F,Y)

Attributes: 1

3 Credits

OTBS 20200 Human Development II (LA)

Continued study of developmental theories and factors influencing normal development from adolescence through older adulthood. Developmental norms and sequences are examined with emphasis on sensorimotor, cognitive, and psychosocial development, and performance of self-care, work, and leisure occupations as these are related to development and role performance across the life span. Students will engage in independent and group learning and develop interview and observation skills. Prerequisites: PSYC 10300; sophomore standing. (S, Y)

Attributes: 1

3 Credits

OTBS 20600 The Culture of Disability (LA)

An examination of the historical and sociocultural construction of disability through readings, discussion, film, and personal narrative. The history of several disability groups will be used as case studies to analyze the ideological, socioeconomic, political, and cultural experience of disability. Prerequisites: Sophomore standing or permission of instructor. (F,Y)

Attributes: 1, DV, H, SS

3 Credits

OTBS 21000 The Cancer Experience (LA)

Introduction to the major types of cancer, impact of cancer on the individual, basic medical terminology, cultural differences in types of cancer, and external and internal influences on cancer, as well as treatment, adjustments, and coping strategies. Prerequisites: Sophomore standing. (IRR)

Attributes: SO, TIDE, TMBS

3 Credits

OTBS 21100 Occupational Therapy in Life Skills (NLA)

Concepts of occupational therapy and other allied health disciplines are applied through observation and direct interaction with the neurologically impaired adult population, attending interdisciplinary team meetings and rounds, and seminar group discussions. Emphasis is on integrating professional behaviors, group activities, basic activity analysis, medical record documentation and client/family interaction within a clinical setting. Prerequisites: OTBS 10600. (S,Y)

1-2 Credits

OTBS 22000 Adult Clinical Practice in Occupational Therapy (NLA)

Observation and participation in clinical treatment provided through the OT/PT clinic at Ithaca College. Treatment of occupational therapy adult clients, as well as participation in other occupational therapy services provided by the clinic. The clinic will provide students with an experiential learning opportunity while serving the needs of adults in the college and local communities. Prerequisites: OTBS 10600. (F,S,U,Y)

1 Credit

OTBS 22100 Pediatric Clinical Practice in Occupational Therapy (NLA)

Observation and participation in clinical treatment provided through the OT/PT clinic at Ithaca College. Treatment of occupational therapy pediatric clients, as well as participation in other occupational therapy services provided by the clinic. The clinic will provide students with an experiential learning opportunity while serving the needs of children in the college and local communities. Prerequisites: OTBS 10600. (F,S,U,Y)

1 Credit

OTBS 30500 Applied Occupations (NLA)

Occupational therapy theory and process are the concentration of this course. Selected theoretical approaches used in occupational therapy are introduced, discussed, compared, and critiqued. Analysis of occupations using occupational therapy models is discussed and practiced. Historical, social, cultural, and political influences on theory development are examined. The teaching-learning process in therapy is applied to the therapeutic process. Prerequisites: OTBS 10600; OTBS 33500. (S,Y)

3 Credits

OTBS 30600 Occupational Apartheid (LA)

Expands on content from OTBS 10600. The premise of occupational justice will be explored: personal, political, historical, sociological, cultural, and environmental influences on individual. Engagement in occupation will be analyzed in relation to occupational apartheid. Application of methods to ameliorate identified problems will be incorporated. Prerequisites: OTBS 10600. (S,O)

Attributes: SS

3 Credits

OTBS 32000 Clinical Psychiatry in Occupational Therapy (NLA)

Study of the basic concepts of identification, definition, and management of psychosocial problems. Major pathological syndromes and their etiologies are examined. Includes an introduction to pharmacology and medical terminology. Emphasis is placed on understanding not only the pathology and medical treatment, but also the effect of the condition on the individual's ability to perform functional activities. Additional emphasis will be placed on children, the elderly, and interdisciplinary teams. Prerequisites: PSYC 32100; OTBS 20200. (S,Y)

3 Credits

OTBS 33500 Individual and Group Work in Health Sciences (LA)

Focuses on therapeutic use of self in individual and group relationships. Emphasis is on an action-based, helping, problem-solving model to guide individual interventions. Provides the cognitive, affective, and occupational basis to helping groups for various client populations and settings across the life span. Presents knowledge and experiential opportunity to gain skill to be a competent group leader. Lecture and lab format. This course includes a Level I Fieldwork experience. Prerequisites: PSYC 10300; OTBS 10600; OTBS 20100; OTBS 20200; and three credits in sociology and/or anthropology. (F,Y)

4 Credits

OTBS 38500 Quantitative Concepts in Professional Reasoning (LA)

An introduction to quantitative concepts as they relate to professional reasoning in clinical contexts. Particular emphasis will be placed on the statistical interpretation of clinical research studies, utilizing the interplay between descriptive and inferential techniques and critical statistical reasoning. Laboratory sessions focus on developing skills for analyzing data using a commercial statistical software package (SPSS), reflecting on concepts related to data analysis, and presenting quantitative information in charts and tables, and written and oral arguments. Corequisite: OTBS 46000. Prerequisites: Math placement group 1 or 2, or successful completion of MATH 10800 or MATH 11000 with a grade of C- or higher; junior standing. (F,Y)

Attributes: QL

3 Credits

OTBS 39900-39907 Selected Topics in Occupational Therapy

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR)

1-3 Credits

OTBS 40000 Functional Human Anatomy (LA)

Study of the gross anatomical components of the human body through the use of lecture and lab activities using models and electronic media. Emphasis is placed on the musculoskeletal, neurological, and vascular systems of the human body. Prerequisites: BIOL 20600, PTBS 31300. (Sum,Y)

5 Credits

OTBS 41000 Neuroscience (LA)

Introduction to the science of the nervous system. Provides a framework for understanding the nervous system and the area of applied neurosciences. This course provides a scientific basis for improved patient care by clarifying the relationships between the nervous system and behavior. Selected laboratory and experiential activities enhance lecture, discussion, and reading materials. Prerequisite: OTBS 40000. (F,Y)

Attributes: NS

3 Credits

OTBS 42100 Kinesiology (LA)

The application of gross anatomy to the study of human movement, with emphasis on understanding the interrelated kinetics of normal motion of the musculoskeletal system as they influence functional activities. Evaluation procedures such as manual muscle testing (MMT), joint range of motion (ROM), palpation of surface anatomy, and kinesiological analysis of functional activities are used in laboratory sessions. Prerequisites: OTBS 40000. (F,Y).

Attributes: NS

4 Credits

OTBS 43000 Applied Interventions in Occupational Therapy (NLA)

Emphasis is on selected occupational therapy intervention methods. The use of orthotics as a preparatory method in intervention, the evaluation and intervention of biomechanical components, and prosthetics as an occupation-based activity are explored. Adaptation of methods of instructing activities of daily living and design of equipment are also covered. Prerequisites: OTBS 30500; OTBS 40000; OTBS 42100. (S,Y)

3 Credits

OTBS 44000 Concepts in Adult Occupational Therapy (NLA)

Concepts in occupational therapy for the adult population will be explored. Practice models that are suitable for the adult client population will be addressed within the context of the occupational therapy process. Includes a case based seminar to integrate theory with practice.

Prerequisites: OTBS 30500; OTBS 40000. (F,Y)

4 Credits

OTBS 44500 Concepts in Pediatric Occupational Therapy (NLA)

Concepts in occupational therapy for the pediatric population will be explored. Practice models that are suitable for the pediatric client population will be addressed within the context of the occupational therapy process. Includes a case based seminar to integrate theory with practice. Prerequisites: OTBS 30500; OTBS 40000. (S,Y)

4 Credits

OTBS 45000 Adult Evaluation and Intervention Processes in Occupational Therapy (NLA)

The occupational therapy evaluation and intervention processes for the adult population will be explored. This includes development of an occupational profile of the client and conducting an analysis of occupational performance. The intervention phase involves implementation and re-evaluation of the intervention plan. This course includes a clinical FW experience. Prerequisites: OTBS 30500; OTBS 32000; OTBS 40000. (F,Y)

3 Credits

OTBS 45500 Pediatric Evaluation and Intervention Processes in Occupational Therapy (NLA)

Explores the occupational therapy evaluation and intervention processes for the pediatric population. Emphasis placed on development of an occupational profile of the client, analysis of occupational performance, and implementation and re-evaluation of the intervention plan. Includes a clinical fieldwork experience. Prerequisites: OTBS 30500; OTBS 40000. (S,Y)

3 Credits

OTBS 46000 Research Methods in Occupational Therapy (LA)

Review of the basic methods and designs used in occupational therapy research and inquiry. Includes conceptual foundations of research, basic research methodology, and analysis and interpretation of data and reading and use of scholarly literature to write effective arguments. Emphasizes critical evaluation of occupational therapy research literature based on both quantitative and qualitative methods in order to develop evidence-based practitioners. Development of the components of the individual thesis proposal and comprehensive literature reviews with emphasis on writing for professional audiences. Prerequisites: WRTG 10600 or ICSM 10800 or ICSM 11800. Corequisite: OTBS 38500. (F,Y)

Attributes: WI

3 Credits

OTBS 46500 Occupational Therapy Research Seminar (NLA)

A seminar/tutorial-based course that builds on previous classes in research statistics and design, and on clinical/professional courses in the senior year. This course is taken with a faculty member who is conducting research in an area of interest to the student. Construction of a research paper, including the development of a problem statement and research questions suitable for thesis research, and support of these elements with a background, definition, and rationale. Oral presentation of the proposal is required. Prerequisites: OTBS 46000; senior status.

(S,Y)

1 Credit

OTBS 47100 Adult Clinical Conditions in Occupational Therapy (NLA)

A study of selected systemic, medical-surgical, orthopedic, and neurological conditions. Basic concepts in the identification, definition, and medical management of these conditions affecting adults and older persons. Emphasis is placed on understanding not only the etiology, pathology, and medical treatment, but also the effect of the condition and its treatment on the person's ability to perform functional activities. Prerequisites: PTBS 31300; OTBS 40000. (F,Y)

Prerequisites: PTBS 31300; OTBS 40000. (F,Y)

3 Credits

OTBS 47500 Pediatric Clinical Conditions in Occupational Therapy (NLA)

Exploration of the salient medical background of pediatric diseases and conditions. Principles of medical management of selected systemic diseases in children and young adults as a basis for intervention by an occupational therapist. Prerequisites: OTBS 40000; PTBS 31300; OTBS 41000. (S,Y)

Prerequisites: OTBS 40000; PTBS 31300; OTBS 41000. (S,Y)

2 Credits

OTBS 48100 ICC Capstone in OT (LA)

Exploration and reflection upon the relationship between experiences with the Ithaca College core curriculum courses and the individual as an occupational being and emerging occupational therapy professional. Emphasis on the proposal, design, and creation of a reflective artifact that demonstrates the changes that have occurred as a result of the ICC experience inside and outside of the study of occupational therapy. An analysis of how learning in the Integrative Core Curriculum contributes to the preparation of the individual in the study of occupational therapy will be discussed and developed. Prerequisites: Senior, permission of instructor. (S,Y)

Attributes: CP

1 Credit

OTBS 49900-49903 Independent Study in Occupational Therapy (NLA)

Individual research and writing in a particular area of occupational therapy, supervised by a faculty member in the department. An approved design statement is required before registration for this course.

Prerequisites: Permission of supervising faculty member, student's adviser, department chair, and dean. (F-S,Y)

1-3 Credits

Performance Non-Major (PFNM)

PFNM 10100 Voice Non-Major (LA)

1-3 Credits

PFNM 10300 Piano Non-Major (NLA)

1-3 Credits

PFNM 10500 Organ Non-Major (LA)

1-3 Credits

PFNM 10700 Harpsichord Non-Major (LA)

1-3 Credits

PFNM 10900 Violin Non-Major (LA)

1-3 Credits

PFNM 11100 Viola Non-Major (LA)

1-3 Credits

PFNM 11300 Cello Non-Major (LA)

1-3 Credits

PFNM 11500 Double Bass Non-Major (LA)

1-3 Credits

PFNM 11700 Guitar Non-Major (LA)

1-3 Credits

PFNM 12100 Flute Non-Major (LA)

1-3 Credits

PFNM 12300 Oboe Non-Major (LA)

1-3 Credits

PFNM 12500 Clarinet Non-Major

1-3 Credits

PFNM 12700 Bassoon Non-Major (LA)

1-3 Credits

PFNM 12900 Saxophone Non-Major

1-3 Credits

PFNM 13100 French Horn Non-Major (LA)

1-3 Credits

PFNM 13300 Trumpet Non-Major (LA)

1-3 Credits

PFNM 13500 Trombone Non-Major (LA)

1-3 Credits

PFNM 13700 Bass Trombone Non-Major (LA)

Attributes: UND

1-3 Credits

PFNM 13900 Euphonium Non-Major (LA)

1-3 Credits

PFNM 14100 Tuba Non-Major (LA)

1-3 Credits

PFNM 14300 Percussion Non-Major (LA)

1-3 Credits

PFNM 16100-16200 Recorder Non-Major (LA)

1-3 Credits

PFNM 16300-16400 Electric Bass Non-Major (LA)

1-3 Credits

Performance-Major (PFMJ)

PFMJ 10100 Voice I - Music Major (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce." Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 10101 Voice I - Music Minors (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce."

1 Credit

PFMJ 10102 Voice I - Secondary Instrument (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce."

1 Credit

PFMJ 10300 Piano I - Music Majors (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 10301 Piano I - Music Minors (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable credit.

1 Credit

PFMJ 10302 Piano I - Secondary Instrument (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable credit.

1 Credit

PFMJ 10500 Organ I - Music Majors (NLA)

Technical studies and selected pieces from Gleason, "Method of Playing Organ"; easier Bach works; works of appropriate difficulty from all periods. Hymn playing. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 10501 Organ I - Music Minors (NLA)

Technical studies and selected pieces from Gleason, "Method of Playing Organ"; easier Bach works; works of appropriate difficulty from all periods. Hymn playing.

1 Credit

PFMJ 10502 Organ I - Secondary Instrument (NLA)

Technical studies and selected pieces from Gleason, "Method of Playing Organ"; easier Bach works; works of appropriate difficulty from all periods. Hymn playing.

1 Credit

PFMJ 10700 Harpsichord I - Music Majors (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 10701 Harpsichord I - Music Minors (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice.

1-3 Credits

PFMJ 10702 Harpsichord I-Secondary Instrument (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice.

1-2 Credits

PFMJ 10900 Violin I - Music Majors (NLA)

Technique based on Carl Flesch's "Scale System": three-octave major and minor scales, arpeggios, chromatic scales, broken thirds, and selected one-string systems. Technical work on shifting and higher position playing, as well as bow technique covering détaché, martelé, staccato, and spiccato bow strokes. Representative études including Schradieck, Sevcik, Mazas, Whistler, and Kreutzer. Representative repertoire including concerti by Bach, Charles de Beriot, Pierre Rode, Ludwig Spohr, and Giovanni Viotti; solo sonatas and partitas by Bach; and sonatas by Handel, Corelli, Schubert, and Vivaldi. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 10901 Violin I - Minors (NLA)

Technique based on Carl Flesch's "Scale System": three-octave major and minor scales, arpeggios, chromatic scales, broken thirds, and selected one-string systems. Technical work on shifting and higher position playing, as well as bow technique covering détaché, martelé, staccato, and spiccato bow strokes. Representative études including Schradieck, Sevcik, Mazas, Whistler, and Kreutzer. Representative repertoire including concerti by Bach, Charles de Beriot, Pierre Rode, Ludwig Spohr, and Giovanni Viotti; solo sonatas and partitas by Bach; and sonatas by Handel, Corelli, Schubert, and Vivaldi.

1 Credit

PFMJ 10902 Violin I - Secondary Instrument (NLA)

Technique based on Carl Flesch's "Scale System": three-octave major and minor scales, arpeggios, chromatic scales, broken thirds, and selected one-string systems. Technical work on shifting and higher position playing, as well as bow technique covering détaché, martelé, staccato, and spiccato bow strokes. Representative études including Schradieck, Sevcik, Mazas, Whistler, and Kreutzer. Representative repertoire including concerti by Bach, Charles de Beriot, Pierre Rode, Ludwig Spohr, and Giovanni Viotti; solo sonatas and partitas by Bach; and sonatas by Handel, Corelli, Schubert, and Vivaldi.

1 Credit

PFMJ 11100 Viola I - Music Majors (NLA)

Basic technical work: posture, stretching, and strengthening exercises; principles of movement; Sevcik, op. 1, pt. 1, for left-hand fluency and efficiency; principles of string crossing; Sevcik, op. 2, pt. 3, for understanding right-hand and arm actions; tonal development; Sevcik, op. 8, shifting exercises; vibrato exercises. Flesch, "Scale System": three-octave scales, arpeggios, broken thirds, chromatics, and whole tone. Viola ensemble. Repertoire from Flackton and Marcello sonatas; Jacob, Sonatina; Bach, Suites; Telemann, concerto and fantasias; movements from Vaughan Williams suite. Mazas, Kayser, and Bruni studies. Repertoire classes throughout four years include discussions on performance practice; films such as Rolland, Galamian, and Primrose; teaching practice; musical awareness. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 11101 Viola I - Music Minors (NLA)

Basic technical work: posture, stretching, and strengthening exercises; principles of movement; Sevcik, op. 1, pt. 1, for left-hand fluency and efficiency; principles of string crossing; Sevcik, op. 2, pt. 3, for understanding right-hand and arm actions; tonal development; Sevcik, op. 8, shifting exercises; vibrato exercises. Flesch, "Scale System": three-octave scales, arpeggios, broken thirds, chromatics, and whole tone. Viola ensemble. Repertoire from Flackton and Marcello sonatas; Jacob, Sonatina; Bach, Suites; Telemann, concerto and fantasias; movements from Vaughan Williams suite. Mazas, Kayser, and Bruni studies. Repertoire classes throughout four years include discussions on performance practice; films such as Rolland, Galamian, and Primrose; teaching practice; musical awareness.

1 Credit

PFMJ 11102 Viola I - Secondary Instrument (NLA)

Basic technical work: posture, stretching, and strengthening exercises; principles of movement; Sevcik, op. 1, pt. 1, for left-hand fluency and efficiency; principles of string crossing; Sevcik, op. 2, pt. 3, for understanding right-hand and arm actions; tonal development; Sevcik, op. 8, shifting exercises; vibrato exercises. Flesch, "Scale System": three-octave scales, arpeggios, broken thirds, chromatics, and whole tone. Viola ensemble. Repertoire from Flackton and Marcello sonatas; Jacob, Sonatina; Bach, Suites; Telemann, concerto and fantasias; movements from Vaughan Williams suite. Mazas, Kayser, and Bruni studies. Repertoire classes throughout four years include discussions on performance practice; films such as Rolland, Galamian, and Primrose;; teaching practice; musical awareness.

1 Credit

PFMJ 11300 Cello I - Music Majors (NLA)

Technique including seating position and holding instrument, bowing, use of left hand, scales, arpeggios, broken thirds through tenths, position-setting double stops, (i.e., Rowell position exercise, thumb position, and shifting development). Emphasis is placed on introduction of bowing types and techniques and the art of good practicing. Representative études including Lee, op. 31; Duport, "Twenty-One Études"; Grutzmacher, book I; Franchomme, "12 Caprices"; Cossmann, "Studies". Representative repertoire including sonatas of Vivaldi, Marcello, Corelli, and Eccles; Bach, Suites 1-3; pieces such as Fauré's Elegy, Van Goens's Scherzo; concerti of Saint-Saëns, Boccherini (B-flat), and Haydn (C major). Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 11301 Cello I - Music Minors (NLA)

Technique including seating position and holding instrument, bowing, use of left hand, scales, arpeggios, broken thirds through tenths, position-setting double stops, (i.e., Rowell position exercise, thumb position, and shifting development). Emphasis is placed on introduction of bowing types and techniques and the art of good practicing. Representative études including Lee, op. 31; Duport, "Twenty-One Études"; Grutzmacher, book I; Franchomme, "12 Caprices"; Cossmann, "Studies". Representative repertoire including sonatas of Vivaldi, Marcello, Corelli, and Eccles; Bach, Suites 1-3; pieces such as Fauré's Elegy, Van Goens's Scherzo; concerti of Saint-Saëns, Boccherini (B-flat), and Haydn (C major).

1 Credit

PFMJ 11302 Cello I - Secondary Instrument (NLA)

Technique including seating position and holding instrument, bowing, use of left hand, scales, arpeggios, broken thirds through tenths, position-setting double stops, (i.e., Rowell position exercise, thumb position, and shifting development). Emphasis is placed on introduction of bowing types and techniques and the art of good practicing. Representative études including Lee, op. 31; Duport, "Twenty-One Études"; Grutzmacher, book I; Franchomme, "12 Caprices"; Cossmann, "Studies." Representative repertoire including sonatas of Vivaldi, Marcello, Corelli, and Eccles; Bach, Suites 1-3; pieces such as Fauré's Elegy, Van Goens's Scherzo; concerti of Saint-Saëns, Boccherini (B-flat), and Haydn (C major).

1-3 Credits

PFMJ 11500 Double Bass I - Majors (NLA)

Technique including one- and two-octave scales up to C in thumb position. Bowing patterns including one, two, and three in a bow. Complete study of Simandl, "New Method for Double Bass," book 1, and Simandl, "30 Études." Studies from Sturm, "110 Studies," book 1. Solo repertoire chosen from sonatas by Marcello, Vivaldi, and others. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 11501 Double Bass I - Music Minors (NLA)

Technique including one- and two-octave scales up to C in thumb position. Bowing patterns including one, two, and three in a bow. Complete study of Simandl, "New Method for Double Bass," book 1, and Simandl, "30 Études." Studies from Sturm, "110 Studies," book 1. Solo repertoire chosen from sonatas by Marcello, Vivaldi, and others.

1 Credit

PFMJ 11502 Double Bass I - Secondary Instrument (NLA)

Technique including one- and two-octave scales up to C in thumb position. Bowing patterns including one, two, and three in a bow. Complete study of Simandl, "New Method for Double Bass," book 1, and Simandl, "30 Études." Studies from Sturm, "110 Studies," book 1. Solo repertoire chosen from sonatas by Marcello, Vivaldi, and others.

1 Credit

PFMJ 11700 Classical Guitar I - Majors (NLA)

Technique: Scales (Segovia), scale playing in rhythmic patterns, arpeggios, slurs, trills, etc., studies by Milan, Besard, Sor, Aguado, Tarrega, Villa-Lobos, Barrios, etc. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 11701 Classical Guitar I-Minors (NLA)

Technique: Scales (Segovia), scale playing in rhythmic patterns, arpeggios, slurs, trills, etc., studies by Milan, Besard, Sor, Aguado, Tarrega, Villa-Lobos, Barrios, etc.

1 Credit

PFMJ 11900 Jazz Guitar I - Music Majors (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc.

Emphasis is placed on style periods and idiomatic playing. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 11901 Jazz Guitar I - Music Minors (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc.

Emphasis is placed on style periods and idiomatic playing.

1-3 Credits

PFMJ 11902 Jazz Guitar I - Secondary Instrument (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc.

Emphasis is placed on style periods and idiomatic playing.

1 Credit

PFMJ 12100 Flute I - Music Majors (NLA)

Emphasis placed on tone production, breath control and support, embouchure flexibility, and articulation and technique. Weekly repertoire classes. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 12101 Flute I - Music Minors (NLA)

Emphasis placed on tone production, breath control and support, embouchure flexibility, and articulation and technique. Weekly repertoire classes.

1 Credit

PFMJ 12102 Flute I - Secondary Instrument (NLA)

Emphasis placed on tone production, breath control and support, embouchure flexibility, and articulation and technique. Weekly repertoire classes.

1 Credit

PFMJ 12300 Oboe I - Music Majors (NLA)

The basic elements of technique (fingers, embouchure and tonguing, blowing) are related to artistic concept through long tones, scales in all note values, and the "Forty Progressive Melodies" from Barret's "Oboe Method." Representative repertoire is selected from the Albinoni and Handel concerti, Nielsen, "Phantasy Pieces," op. 2, and the Geiser Sonatine. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 12301 Oboe I - Music Minors (NLA)

The basic elements of technique (fingers, embouchure and tonguing, blowing) are related to artistic concept through long tones, scales in all note values, and the "Forty Progressive Melodies" from Barret's "Oboe Method." Representative repertoire is selected from the Albinoni and Handel concerti, Nielsen, "Phantasy Pieces," op. 2, and the Geiser Sonatine.

1 Credit

PFMJ 12302 Oboe I - Secondary Instrument (NLA)

The basic elements of technique (fingers, embouchure and tonguing, blowing) are related to artistic concept through long tones, scales in all note values, and the "Forty Progressive Melodies" from Barret's "Oboe Method." Representative repertoire is selected from the Albinoni and Handel concerti, Nielsen, "Phantasy Pieces," op. 2, and the Geiser Sonatine.

1 Credit

PFMJ 12500 Clarinet I - Music Majors (NLA)

Emphasis is placed on production of good tone, correct posture, breathing, embouchure formation, hand position, finger motion, and articulation. All major and minor scales, thirds, and arpeggios. Symmetrical scale and chord patterns. Albert, "24 Varied Scale and Chord Exercises"; Bonade, "Clarinetist's Compendium"; Williaman, "Modulation Exercises." Representative études including Hite (ed.), "Melodious and Progressive Studies"; Rose, "40 Studies"; Muller, "30 Studies in All Tonalities"; Gates, "Odd-Meter Études." Representative repertoire including Delmas, "Promenade"; Avon, "Fantasie de Concert"; Finzi, "Five Bagatelles"; Carter, "Pastorale"; Barat, "Pièce en Sol Mineur"; Vaughan Williams, "Six Studies in English Folk Song"; Pierne, "Serenade"; Coquard, "Melodie et Scherzetto"; Grovlex, "Lamento et Tarentelle"; Barlow, "Lyrical Piece"; Schumann, "Drei Romanzen"; arias by Bozza and Roussel; sonatinas by Heiden, Honegger, and Szalowski. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 12501 Clarinet I - Music Minors (NLA)

Emphasis is placed on production of good tone, correct posture, breathing, embouchure formation, hand position, finger motion, and articulation. All major and minor scales, thirds, and arpeggios. Symmetrical scale and chord patterns. Albert, "24 Varied Scale and Chord Exercises"; Bonade, "Clarinetist's Compendium"; Williaman, "Modulation Exercises." Representative études including Hite (ed.), "Melodious and Progressive Studies"; Rose, "40 Studies"; Muller, "30 Studies in All Tonalities"; Gates, "Odd-Meter Études." Representative repertoire including Delmas, "Promenade"; Avon, "Fantasie de Concert"; Finzi, "Five Bagatelles"; Carter, "Pastorale"; Barat, "Pièce en Sol Mineur"; Vaughan Williams, "Six Studies in English Folk Song"; Pierne, "Serenade"; Coquard, "Melodie et Scherzetto"; Grovlex, "Lamento et Tarentelle"; Barlow, "Lyrical Piece"; Schumann, "Drei Romanzen"; arias by Bozza and Roussel; sonatinas by Heiden, Honegger, and Szalowski.

1 Credit

PFMJ 12502 Clarinet I - Secondary Instrument (NLA)

Emphasis is placed on production of good tone, correct posture, breathing, embouchure formation, hand position, finger motion, and articulation. All major and minor scales, thirds, and arpeggios. Symmetrical scale and chord patterns. Albert, "24 Varied Scale and Chord Exercises"; Bonade, "Clarinetist's Compendium"; Williaman, "Modulation Exercises." Representative études including Hite (ed.), "Melodious and Progressive Studies"; Rose, "40 Studies"; Muller, "30 Studies in All Tonalities"; Gates, "Odd-Meter Études." Representative repertoire including Delmas, "Promenade"; Avon, "Fantasie de Concert"; Finzi, "Five Bagatelles"; Carter, "Pastorale"; Barat, "Pièce en Sol Mineur"; Vaughan Williams, "Six Studies in English Folk Song"; Pierne, "Serenade"; Coquard, "Melodie et Scherzetto"; Grovlex, "Lamento et Tarentelle"; Barlow, "Lyrical Piece"; Schumann, "Drei Romanzen"; arias by Bozza and Roussel; sonatinas by Heiden, Honegger, and Szalowski.

1 Credit

PFMJ 12700 Bassoon I - Music Majors (NLA)

Technique to include patterns for all first-year bassoon students. Long tones on all major scales, correct embouchure, fingerings, breathing and tonguing, and reed making. Representative études including Weissenborn, "Method," books I and II; Milde, "Studies in All Keys." Representative repertoire including E. Bourdeau, "Premier Solo"; Telemann, "Sonata in F Minor"; D. C. Smith, "Caprice"; Max Vox Lenz, "Cicero"; Beethoven, "Adagio Cantabile"; and Weissenborn, "Capriccio," op. 14. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 12701 Bassoon I - Music Minors (NLA)

Technique to include patterns for all first-year bassoon students. Long tones on all major scales, correct embouchure, fingerings, breathing and tonguing, and reed making. Representative études including Weissenborn, "Method," books I and II; Milde, "Studies in All Keys." Representative repertoire including E. Bourdeau, "Premier Solo"; Telemann, "Sonata in F Minor"; D. C. Smith, "Caprice"; Max Vox Lenz, "Cicero"; Beethoven, "Adagio Cantabile"; and Weissenborn, "Capriccio," op. 14.

1 Credit

PFMJ 12702 Bassoon I - Secondary Instrument (NLA)

Technique to include patterns for all first-year bassoon students. Long tones on all major scales, correct embouchure, fingerings, breathing and tonguing, and reed making. Representative études including Weissenborn, "Method," books I and II; Milde, "Studies in All Keys." Representative repertoire including E. Bourdeau, "Premier Solo"; Telemann, "Sonata in F Minor"; D. C. Smith, "Caprice"; Max Vox Lenz, "Cicero"; Beethoven, "Adagio Cantabile"; and Weissenborn, "Capriccio," op. 14.

1 Credit

PFMJ 12900 Saxophone I - Music Majors (NLA)

Technique from L. Teal, "Saxophonist's Workbook"; tone studies, vibrato studies, articulation studies, alternate fingering studies, major/minor scales, major/minor thirds, low and high register studies. S. Rascher, "Top Tones"; R. Lang, "Beginning Studies in the Altissimo Register"; J. M. Londeix, "On the Exactness of Intonation." Representative études including J. L. Small, "Rhythmical and Technical Studies"; H. Voxman, "Selected Studies"; Ferling, "48 Études." Representative repertoire including Teal, "Solos for the Alto and Tenor Saxophone Player"; H. Eccles, Sonata; Mule, "Classics for the Saxophon"e; E. Bozza, Aria; P. Lantier, "Sicilienne"; B. Heiden, Sonata; P. Hindemith, Sonata; W. Schmidt, Sonatina; and various chamber works. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 12901 Saxophone I - Music Minors (NLA)

Technique from L. Teal, "Saxophonist's Workbook"; tone studies, vibrato studies, articulation studies, alternate fingering studies, major/minor scales, major/minor thirds, low and high register studies. S. Rascher, "Top Tones"; R. Lang, "Beginning Studies in the Altissimo Register"; J. M. Londeix, "On the Exactness of Intonation." Representative études including J. L. Small, "Rhythmical and Technical Studies"; H. Voxman, "Selected Studies"; Ferling, "48 Études." Representative repertoire including Teal, "Solos for the Alto and Tenor Saxophone Player"; H. Eccles, Sonata; Mule, "Classics for the Saxophon"e; E. Bozza, Aria; P. Lantier, "Sicilienne"; B. Heiden, Sonata; P. Hindemith, Sonata; W. Schmidt, Sonatina; and various chamber works.

1 Credit

PFMJ 12902 Saxophone I - Secondary Instrument (NLA)

Technique from L. Teal, "Saxophonist's Workbook"; tone studies, vibrato studies, articulation studies, alternate fingering studies, major/minor scales, major/minor thirds, low and high register studies. S. Rascher, "Top Tones"; R. Lang, "Beginning Studies in the Altissimo Register"; J. M. Londeix, "On the Exactness of Intonation." Representative études including J. L. Small, "Rhythmical and Technical Studies"; H. Voxman, "Selected Studies"; Ferling, "48 Études." Representative repertoire including Teal, "Solos for the Alto and Tenor Saxophone Player"; H. Eccles, Sonata; Mule, "Classics for the Saxophon"e; E. Bozza, Aria; P. Lantier, "Sicilienne"; B. Heiden, Sonata; P. Hindemith, Sonata; W. Schmidt, Sonatina; and various chamber works.

1 Credit

PFMJ 13100 French Horn I - Music Majors (NLA)

Technique to include lip slurs; middle register and all major scales, two octaves in various articulations. Transposition to E-flat, C, and D horn. Representative études including Kopprasch, book I; Pottag, "Preparatory Melodies to Solo Playing"; Maxime-Alphonse, books II and III; Weber, "13 Études"; Schuller, "Studies for Unaccompanied Horn"; and Schantl, "Studies on Scales and Intervals." Representative solo repertoire including Glazunov, "Reveries"; Lefebvre, "Romance"; Mozart, Concerti no. 2 and 3; and Beethoven, Sonata. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 13101 French Horn I - Music Minors (NLA)

Technique to include lip slurs; middle register and all major scales, two octaves in various articulations. Transposition to E-flat, C, and D horn. Representative études including Kopprasch, book I; Pottag, "Preparatory Melodies to Solo Playing"; Maxime-Alphonse, books II and III; Weber, "13 Études"; Schuller, "Studies for Unaccompanied Horn"; and Schantl, "Studies on Scales and Intervals." Representative solo repertoire including Glazunov, "Reveries"; Lefebvre, "Romance"; Mozart, Concerti no. 2 and 3; and Beethoven, Sonata.

1 Credit

PFMJ 13102 French Horn I - Secondary Instrument

Technique to include lip slurs; middle register and all major scales, two octaves in various articulations. Transposition to E-flat, C, and D horn. Representative études including Kopprasch, book I; Pottag, "Preparatory Melodies to Solo Playing"; Maxime-Alphonse, books II and III; Weber, "13 Études"; Schuller, "Studies for Unaccompanied Horn"; and Schantl, "Studies on Scales and Intervals." Representative solo repertoire including Glazunov, "Reveries"; Lefebvre, "Romance"; Mozart, Concerti no. 2 and 3; and Beethoven, Sonata.

1 Credit

PFMJ 13300 Trumpet I - Music Majors (NLA)

Concentration on the development of the characteristic tone and essential technique demanded in trumpet performance. Manuscript warm-up routines, lip slurs, and finger patterns. All major and three forms of minor scales in 16th notes at mm 108, with emphasis placed on legato style. Review of Arban's "Complete Method." Development of skill of transposition in orchestral trumpet keys of A, C, D, E-flat, E, and F using Ernest Williams's method for transposition. Études to include Hering, "32 Études"; Voxman, "Selected Studies"; and Voisin, "Studies for Trumpet." Solo repertoire including Barat, Balay, Corelli, and Handel. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 13301 Trumpet I - Music Minors (NLA)

Concentration on the development of the characteristic tone and essential technique demanded in trumpet performance. Manuscript warm-up routines, lip slurs, and finger patterns. All major and three forms of minor scales in 16th notes at mm 108, with emphasis placed on legato style. Review of Arban's "Complete Method." Development of skill of transposition in orchestral trumpet keys of A, C, D, E-flat, E, and F using Ernest Williams's method for transposition. Études to include Hering, "32 Études"; Voxman, "Selected Studies"; and Voisin, "Studies for Trumpet." Solo repertoire including Barat, Balay, Corelli, and Handel.

1 Credit

PFMJ 13302 Trumpet I - Secondary Instrument (NLA)

Concentration on the development of the characteristic tone and essential technique demanded in trumpet performance. Manuscript warm-up routines, lip slurs, and finger patterns. All major and three forms of minor scales in 16th notes at mm 108, with emphasis placed on legato style. Review of Arban's "Complete Method." Development of skill of transposition in orchestral trumpet keys of A, C, D, E-flat, E, and F using Ernest Williams's method for transposition. Études to include Hering, "32 Études"; Voxman, "Selected Studies"; and Voisin, "Studies for Trumpet." Solo repertoire including Barat, Balay, Corelli, and Handel.

1 Credit

PFMJ 13500 Tenor Trombone I - Music Major (NLA)

Concentration on sound development, using manuscript warm-up routines. Also included are special exercises designed for range development and awareness of intonation problems. Representative études for technique include Smith, "Slide Exercises"; Rochut, "Melodious Études"; and Blazeovich, "Clef Studies." Representative repertoire includes Galliard, Guilment, Whear, Jones, Presser, David, and Pryor. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 13501 Tenor Trombone I - Music Minors (NLA)

Concentration on sound development, using manuscript warm-up routines. Also included are special exercises designed for range development and awareness of intonation problems. Representative études for technique include Smith, "Slide Exercises"; Rochut, "Melodious Études"; and Blazeovich, "Clef Studies." Representative repertoire includes Galliard, Guilment, Whear, Jones, Presser, David, and Pryor.

1 Credit

PFMJ 13502 Tenor Trombone I - Secondary Instrument (NLA)

Concentration on sound development, using manuscript warm-up routines. Also included are special exercises designed for range development and awareness of intonation problems. Representative études for technique include Smith, "Slide Exercises"; Rochut, "Melodious Études"; and Blazeovich, "Clef Studies." Representative repertoire includes Galliard, Guilment, Whear, Jones, Presser, David, and Pryor.

1 Credit

PFMJ 13700 Bass Trombone I - Music Majors (NLA)

Concentration on sound development, using manuscript warm-up routines. Also included are special exercises designed for range development and awareness of intonation problems. Representative études for technique include Smith, "Slide Exercises"; Fink, "Studies in Legato"; and Grigoriev, "24 Studies." Repertoire includes Galliard, Semler-Collery, Stevens, and Jacob. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 13701 Bass Trombone I - Music Minors (NLA)

Concentration on sound development, using manuscript warm-up routines. Also included are special exercises designed for range development and awareness of intonation problems. Representative études for technique include Smith, "Slide Exercises"; Fink, "Studies in Legato"; and Grigoriev, "24 Studies." Repertoire includes Galliard, Semler-Collery, Stevens, and Jacob.

1 Credit

PFMJ 13702 Bass Trombone I - Secondary Instrument (NLA)

Concentration on sound development, using manuscript warm-up routines. Also included are special exercises designed for range development and awareness of intonation problems. Representative études for technique include Smith, "Slide Exercises"; Fink, "Studies in Legato"; and Grigoriev, "24 Studies." Repertoire includes Galliard, Semler-Collery, Stevens, and Jacob.

1 Credit

PFMJ 13900 Euphonium I - Music Majors (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scales; interval and chord studies. All major and minor scales and arpeggios from memory (one octave). Introduction to double- and triple-tonguing (Arban). Representative études including Arban, "Method for Trombone," rhythm studies; Tyrell, "40 Advanced Studies for Trombone"; Kopprasch, "60 Selected Studies" (trombone, book 1); Rochut, "Melodious Études" (trombone, book 1). Representative repertoire including Clarke, "Sounds from Hudson"; Petit, "Étude de Concours"; Mühfeld, "Konzertstück"; Galliard, "Six Sonatas"; Weber, "Appassionata"; Barat, "Andante and Allegro"; plus selected band excerpts. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 13901 Euphonium I - Music Minors (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scales; interval and chord studies. All major and minor scales and arpeggios from memory (one octave). Introduction to double- and triple-tonguing (Arban). Representative études including Arban, "Method for Trombone," rhythm studies; Tyrell, "40 Advanced Studies for Trombone"; Kopprasch, "60 Selected Studies" (trombone, book 1); Rochut, "Melodious Études" (trombone, book 1). Representative repertoire including Clarke, "Sounds from Hudson"; Petit, "Étude de Concours"; Mühfeld, "Konzertstück"; Galliard, "Six Sonatas"; Weber, "Appassionata"; Barat, "Andante and Allegro"; plus selected band excerpts.

1 Credit

PFMJ 13902 Euphonium I - Secondary Instrument (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scales; interval and chord studies. All major and minor scales and arpeggios from memory (one octave). Introduction to double- and triple-tonguing (Arban). Representative études including Arban, "Method for Trombone," rhythm studies; Tyrell, "40 Advanced Studies for Trombone"; Kopprasch, "60 Selected Studies" (trombone, book 1); Rochut, "Melodious Études" (trombone, book 1). Representative repertoire including Clarke, "Sounds from Hudson"; Petit, "Étude de Concours"; Mühfeld, "Konzertstück"; Galliard, "Six Sonatas"; Weber, "Appassionata"; Barat, "Andante and Allegro"; plus selected band excerpts.

1 Credit

PFMJ 14100 Tuba I - Music Majors (NLA)

Technique based on W. Bell, "Tuba Warmups" (part 1); Pares, "Scale Studies"; Lowell Little, "Embouchure Builder"; Arban, "Method for Trombone" (interval and chord studies). Representative études including Arban, "Method for Trombone" (rhythm studies); Getchell, "Second Book of Practical Studies for Tuba"; Cimeria, "73 Advanced Tuba Studies"; Kopprasch, "60 Selected Studies" (trombone, book 1); Rochut, "Melodious Études" (trombone, book 1); Tyrell, "Advanced Studies for the BB-flat Tuba." Representative repertoire including "Concert Album for Tuba" (edited by Ostrander); Walters, "Terantelle"; Sowerby, "Chaconne"; Beaucamp, "Cortege"; Cohen, Romance and Scherzo; Buchtel, Introduction and Rondo; plus selected band and orchestral excerpts. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 14101 Tuba I - Music Minors (NLA)

Technique based on W. Bell, "Tuba Warmups" (part 1); Pares, "Scale Studies"; Lowell Little, "Embouchure Builder"; Arban, "Method for Trombone" (interval and chord studies). Representative études including Arban, "Method for Trombone" (rhythm studies); Getchell, "Second Book of Practical Studies for Tuba"; Cimeria, "73 Advanced Tuba Studies"; Kopprasch, "60 Selected Studies" (trombone, book 1); Rochut, "Melodious Études" (trombone, book 1); Tyrell, "Advanced Studies for the BB-flat Tuba." Representative repertoire including "Concert Album for Tuba" (edited by Ostrander); Walters, "Terantelle"; Sowerby, "Chaconne"; Beaucamp, "Cortege"; Cohen, Romance and Scherzo; Buchtel, Introduction and Rondo; plus selected band and orchestral excerpts.

1 Credit

PFMJ 14102 Tuba I - Secondary Instrument (NLA)

Technique based on W. Bell, "Tuba Warmups" (part 1); Pares, "Scale Studies"; Lowell Little, "Embouchure Builder"; Arban, "Method for Trombone" (interval and chord studies). Representative études including Arban, "Method for Trombone" (rhythm studies); Getchell, "Second Book of Practical Studies for Tuba"; Cimeria, "73 Advanced Tuba Studies"; Kopprasch, "60 Selected Studies" (trombone, book 1); Rochut, "Melodious Études" (trombone, book 1); Tyrell, "Advanced Studies for the BB-flat Tuba." Representative repertoire including "Concert Album for Tuba" (edited by Ostrander); Walters, "Terantelle"; Sowerby, "Chaconne"; Beaucamp, "Cortege"; Cohen, Romance and Scherzo; Buchtel, Introduction and Rondo; plus selected band and orchestral excerpts.

1 Credit

PFMJ 14300 Percussion I - Music Majors (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 14301 Percussion I - Music Minors (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor.

1 Credit

PFMJ 14302 Percussion I - Secondary Instrument (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor.

1 Credit

PFMJ 14500 Drum Set I - Music Majors (NLA)

Private instruction in drum set, including technical exercises such as Stone and Reed variations, patterns that include the integration of hands with feet, subdivision exercises, as well as Houghton reading variations. Early 20th century style repertoire may include Dodds and Jones and mid-20th century styles may include Jones, Roach, and Haynes. Variations in repertoire and techniques may occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular styles. (F,S,U,Y)

1-4 Credits

PFMJ 14501 Drum Set I - Minors (NLA)

Private instruction in drum set, including technical exercises such as Stone and Reed variations, patterns that include the integration of hands with feet, subdivision exercises, as well as Houghton reading variations. Early 20th century style repertoire may include Dodds and Jones and mid-20th century styles may include Jones, Roach, and Haynes. Variations in repertoire and techniques may occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular styles. (F,S,U,Y)

1-4 Credits

PFMJ 14502 Drum Set I - Secondary Instrument (NLA)

Private instruction in drum set, including technical exercises such as Stone and Reed variations, patterns that include the integration of hands with feet, subdivision exercises, as well as Houghton reading variations. Early 20th century style repertoire may include Dodds and Jones and mid-20th century styles may include Jones, Roach, and Haynes. Variations in repertoire and techniques may occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular styles. (F,S,U,Y)

1 Credit

PFMJ 16300 Electric Bass I - Music Majors (NLA)

Basic chord progressions and harmonic motion; nomenclature, arpeggios (triadic and seventh chords); standard cadential formulas; basic technique; holding position; types of right-hand strokes ("rest stroke" and "free stroke"); major scales in 12 keys; modes of the major scale; bass-line building and construction; fast-moving chord changes; longer-value chord progressions; two-beat and "walking" four-beat styles; rhythm changes; tune repertoire, both melodically and in terms of bass line. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 16301 Electric Bass I - Music Minors (NLA)

Basic chord progressions and harmonic motion; nomenclature, arpeggios (triadic and seventh chords); standard cadential formulas; basic technique; holding position; types of right-hand strokes ("rest stroke" and "free stroke"); major scales in 12 keys; modes of the major scale; bass-line building and construction; fast-moving chord changes; longer-value chord progressions; two-beat and "walking" four-beat styles; rhythm changes; tune repertoire, both melodically and in terms of bass line.

1-3 Credits

PFMJ 16302 Electric Bass I - Secondary Instrument (NLA)

Basic chord progressions and harmonic motion; nomenclature, arpeggios (triadic and seventh chords); standard cadential formulas; basic technique; holding position; types of right-hand strokes ("rest stroke" and "free stroke"); major scales in 12 keys; modes of the major scale; bass-line building and construction; fast-moving chord changes; longer-value chord progressions; two-beat and "walking" four-beat styles; rhythm changes; tune repertoire, both melodically and in terms of bass line.

1 Credit

PFMJ 19900 Performance Repertoire and Pedagogy (NLA)

Students meet weekly as a group with their performance study teacher to perform repertoire and discuss performance technique and pedagogy. Pass/fail only. (F-S)

0.5 Credit

PFMJ 20100 Voice II - Music Majors (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce." Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 20101 Voice II - Music Minors

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce."

1 Credit

PFMJ 20102 Voice II - Secondary Instrument (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce."

1 Credit

PFMJ 20300 Piano II - Music Majors (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable Credit. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 20301 Piano II - Music Minors (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable credit.

1 Credit

PFMJ 20302 Piano II - Secondary Instrument (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable credit.

1 Credit

PFMJ 20500 Organ II - Music Majors (NLA)

Continuation of technical studies. Bach, "Trio Sonatas" and intermediate preludes and fugues such as BWV 537. Works of Buxtehude and early French composers, with attention to historical performance practice. Easier 19th-century works, such as Franck, "Cantabile." Basic church music skills; accompanying and conducting from the keyboard. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 20501 Organ II - Music Minors (NLA)

Continuation of technical studies. Bach, "Trio Sonatas" and intermediate preludes and fugues such as BWV 537. Works of Buxtehude and early French composers, with attention to historical performance practice. Easier 19th-century works, such as Franck, "Cantabile." Basic church music skills; accompanying and conducting from the keyboard.

1 Credit

PFMJ 20502 Organ II - Secondary Instrument (NLA)

Continuation of technical studies. Bach, "Trio Sonatas" and intermediate preludes and fugues such as BWV 537. Works of Buxtehude and early French composers, with attention to historical performance practice. Easier 19th-century works, such as Franck, "Cantabile." Basic church music skills; accompanying and conducting from the keyboard.

1 Credit

PFMJ 20700 Harpsichord II - Music Majors (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 20701 Harpsichord II - Music Minors (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice.

1 Credit

PFMJ 20702 Harpsichord II - Secondary Instrument (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice.

1 Credit

PFMJ 20900 Violin II - Music Majors (NLA)

Technique based on Carl Flesch's "Scale System" and Ivan Galamian's "Contemporary Violin Technique." Continuation of all first-year technique, with the addition of accelerated pattern for scales, all three-octave whole tone scales, double stops, and all one-string systems. Continuation of bowing and shifting technique, with emphasis placed on vibrato development. Representative études including Sevcik, Dont, Fiorillo, and Kreutzer. Representative repertoire including concerti by Mozart, Bruch, Lalo, Haydn, and Kabalevsky; solo sonatas and partitas by Bach; sonatas by Mozart, Dvorak, Beethoven, Schumann, and Leclair; and pieces by Kreisler, Bartók, and Beethoven. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 20901 Violin II - Music Minors (NLA)

Technique based on Carl Flesch's "Scale System" and Ivan Galamian's "Contemporary Violin Technique." Continuation of all first-year technique, with the addition of accelerated pattern for scales, all three-octave whole tone scales, double stops, and all one-string systems. Continuation of bowing and shifting technique, with emphasis placed on vibrato development. Representative études including Sevcik, Dont, Fiorillo, and Kreutzer. Representative repertoire including concerti by Mozart, Bruch, Lalo, Haydn, and Kabalevsky; solo sonatas and partitas by Bach; sonatas by Mozart, Dvorak, Beethoven, Schumann, and Leclair; and pieces by Kreisler, Bartók, and Beethoven.

1 Credit

PFMJ 20902 Violin II - Secondary Instrument (NLA)

Technique based on Carl Flesch's "Scale System" and Ivan Galamian's "Contemporary Violin Technique." Continuation of all first-year technique, with the addition of accelerated pattern for scales, all three-octave whole tone scales, double stops, and all one-string systems. Continuation of bowing and shifting technique, with emphasis placed on vibrato development. Representative études including Sevcik, Dont, Fiorillo, and Kreutzer. Representative repertoire including concerti by Mozart, Bruch, Lalo, Haydn, and Kabalevsky; solo sonatas and partitas by Bach; sonatas by Mozart, Dvorak, Beethoven, Schumann, and Leclair; and pieces by Kreisler, Bartók, and Beethoven.

1 Credit

PFMJ 21100 Viola II - Music Majors (NLA)

Continuation of technical work. Vibrato development; bowing techniques using Sevcik, op. 2, pt. 3; furtherance of fingerboard knowledge through Sevcik, op. 1, pt. 3; Flesch, "Scale System," as before, adding new scales, arpeggios, and scales in double stops. Viola ensemble. Studies from Bruni, Rode, and Campagnoli. Repertoire from Stamitz; Zelter; Hoffmeister concertos; J. H. Roman, "Assaggio"; Bloch, "Suite Hébraïque"; Milhaud, "Quatre Visages"; Bach, "Brandenburg" Concerto no. 6. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 21101 Viola II - Music Minors (NLA)

Continuation of technical work. Vibrato development; bowing techniques using Sevcik, op. 2, pt. 3; furtherance of fingerboard knowledge through Sevcik, op. 1, pt. 3; Flesch, "Scale System," as before, adding new scales, arpeggios, and scales in double stops. Viola ensemble. Studies from Bruni, Rode, and Campagnoli. Repertoire from Stamitz; Zelter; Hoffmeister concertos; J. H. Roman, "Assaggio"; Bloch, "Suite Hébraïque"; Milhaud, "Quatre Visages"; Bach, "Brandenburg" Concerto no. 6.

1 Credit

PFMJ 21102 Viola II - Secondary Instrument (NLA)

Continuation of technical work. Vibrato development; bowing techniques using Sevcik, op. 2, pt. 3; furtherance of fingerboard knowledge through Sevcik, op. 1, pt. 3; Flesch, "Scale System," as before, adding new scales, arpeggios, and scales in double stops. Viola ensemble. Studies from Bruni, Rode, and Campagnoli. Repertoire from Stamitz; Zelter; Hoffmeister concertos; J. H. Roman, "Assaggio"; Bloch, "Suite Hébraïque"; Milhaud, "Quatre Visages"; Bach, "Brandenburg" Concerto no. 6.

1 Credit

PFMJ 21300 Cello II - Music Majors (NLA)

Continued study of scales (four octaves), solid thirds, sixths, octaves. Bowing methods and types; principles of modern shifting; and practice habits. Representative études, such as Duport, "Twenty-One Études," through Franchomme, "Caprices"; Feuillard, "Daily Exercises"; Popper, "High School of Cello Playing." Representative repertoire including Bach, Suites; Beethoven and Brahms sonatas; concerti of Elgar, C. P. E. Bach, and Kabalevsky; 20th-century pieces. Performance of solo and cello ensemble repertoire. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 21301 Cello II - Music Minors (NLA)

Continued study of scales (four octaves), solid thirds, sixths, octaves. Bowing methods and types; principles of modern shifting; and practice habits. Representative études, such as Duport, "Twenty-One Études," through Franchomme, "Caprices"; Feuillard, "Daily Exercises"; Popper, "High School of Cello Playing." Representative repertoire including Bach, Suites; Beethoven and Brahms sonatas; concerti of Elgar, C. P. E. Bach, and Kabalevsky; 20th-century pieces. Performance of solo and cello ensemble repertoire.

1 Credit

PFMJ 21302 Cello II - Secondary Instrument (NLA)

Continued study of scales (four octaves), solid thirds, sixths, octaves. Bowing methods and types; principles of modern shifting; and practice habits. Representative études, such as Duport, "Twenty-One Études," through Franchomme, "Caprices"; Feuillard, "Daily Exercises"; Popper, "High School of Cello Playing." Representative repertoire including Bach, Suites; Beethoven and Brahms sonatas; concerti of Elgar, C. P. E. Bach, and Kabalevsky; 20th-century pieces. Performance of solo and cello ensemble repertoire.

1 Credit

PFMJ 21500 Double Bass II - Music Majors (NLA)

Technique including all scales in two and three octaves; chromatic scales and arpeggios. Bowing studies from Sturm, "110 Studies." Study of Simandl, "New Method for Double Bass," book 2, and Storch-Hrabe, "57 Études." Solo repertoire chosen from works by Eccles, Koussevitzky, Dragonetti, and others. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 21501 Double Bass II - Music Minors (NLA)

Technique including all scales in two and three octaves; chromatic scales and arpeggios. Bowing studies from Sturm, "110 Studies." Study of Simandl, "New Method for Double Bass," book 2, and Storch-Hrabe, "57 Études." Solo repertoire chosen from works by Eccles, Koussevitzky, Dragonetti, and others.

1 Credit

PFMJ 21502 Double Bass II - Secondary Instrument (NLA)

Technique including all scales in two and three octaves; chromatic scales and arpeggios. Bowing studies from Sturm, "110 Studies." Study of Simandl, "New Method for Double Bass," book 2, and Storch-Hrabe, "57 Études." Solo repertoire chosen from works by Eccles, Koussevitzky, Dragonetti, and others.

1 Credit

PFMJ 21700 Classical Guitar II - Music Majors (NLA)

Solo repertoire from 16th-century lutenists to contemporary composers, including da Milano, Narvaez, Milan, Cutting, Dowland, Corbetta, Sanz, Bach, Weiss, Sor, Giuliani, Aguado, Tarrega, Ponce, Turina, Moreno-Torroba, Rodrigo, Britten, and Berkeley. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 21701 Classical Guitar II - Music Minors (NLA)

Solo repertoire from 16th-century lutenists to contemporary composers, including da Milano, Narvaez, Milan, Cutting, Dowland, Corbetta, Sanz, Bach, Weiss, Sor, Giuliani, Aguado, Tarrega, Ponce, Turina, Moreno-Torroba, Rodrigo, Britten, and Berkeley.

1 Credit

PFMJ 21702 Classical Guitar II - Secondary Instrument (NLA)

Solo repertoire from 16th-century lutenists to contemporary composers, including da Milano, Narvaez, Milan, Cutting, Dowland, Corbetta, Sanz, Bach, Weiss, Sor, Giuliani, Aguado, Tarrega, Ponce, Turina, Moreno-Torroba, Rodrigo, Britten, and Berkeley.

1 Credit

PFMJ 21900 Jazz Guitar II - Music Majors (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc. Emphasis is placed on style periods and idiomatic playing. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 21901 Jazz Guitar II - Music Minors (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc. Emphasis is placed on style periods and idiomatic playing.

1 Credit

PFMJ 21902 Jazz Guitar II - Secondary Instrument (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc. Emphasis is placed on style periods and idiomatic playing.

1 Credit

PFMJ 22100 Flute II - Music Majors (NLA)

Taffanel-Gaubert, "17 Daily Exercises"; Marcel Moyse, "De la Sonorité"; Trevor Wye, "Practice Book no. 1 – Tone." Harmonics, vibrato, and tone color. Representative études including Andersen, "18 Studies," op. 41; Andersen, "24 Exercises," op. 33; and Berbiguier, "18 Exercises." Representative repertoire including Debussy, Syrinx; Handel sonatas; Bach sonatas; Bloch, "Suite Modale"; selections from flute music by French composers. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 22101 Flute II - Music Minors (NLA)

Taffanel-Gaubert, "17 Daily Exercises"; Marcel Moyse, "De la Sonorité"; Trevor Wye, "Practice Book no. 1 – Tone." Harmonics, vibrato, and tone color. Representative études including Andersen, "18 Studies," op. 41; Andersen, "24 Exercises," op. 33; and Berbiguier, "18 Exercises." Representative repertoire including Debussy, Syrinx; Handel sonatas; Bach sonatas; Bloch, "Suite Modale"; selections from flute music by French composers.

1 Credit

PFMJ 22102 Flute II - Secondary Instrument (NLA)

Taffanel-Gaubert, "17 Daily Exercises"; Marcel Moyse, "De la Sonorité"; Trevor Wye, "Practice Book no. 1 – Tone." Harmonics, vibrato, and tone color. Representative études including Andersen, "18 Studies," op. 41; Andersen, "24 Exercises," op. 33; and Berbiguier, "18 Exercises." Representative repertoire including Debussy, Syrinx; Handel sonatas; Bach sonatas; Bloch, "Suite Modale"; selections from flute music by French composers.

1 Credit

PFMJ 22300 Oboe II - Music Majors (NLA)

Technique continued, including long tones and scales as before. Études include articulation scale patterns (transposed), 12 articulation studies, and sonatas from Barret. Representative repertoire includes Handel and Telemann sonatas, the Comarosa-Benjamin Concerto, C. P. E. Bach concertos, and the "Piston Suite." Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 22301 Oboe II - Music Minors (NLA)

Technique continued, including long tones and scales as before. Études include articulation scale patterns (transposed), 12 articulation studies, and sonatas from Barret. Representative repertoire includes Handel and Telemann sonatas, the Comarosa-Benjamin Concerto, C. P. E. Bach concertos, and the "Piston Suite."

1 Credit

PFMJ 22302 Oboe II - Secondary Instrument

Technique continued, including long tones and scales as before. Études include articulation scale patterns (transposed), 12 articulation studies, and sonatas from Barret. Representative repertoire includes Handel and Telemann sonatas, the Comarosa-Benjamin Concerto, C. P. E. Bach concertos, and the "Piston Suite."

1 Credit

PFMJ 22500 Clarinet II - Music Majors (NLA)

Continued refinement of all fundamentals. Bender-Jettel, "Scale Exercises"; Baermann, "Method," part III; Stubbins, "Essentials of Technical Dexterity." Representative études including Rose, "32 Études"; Rose-Rode, "20 Grandes Études"; Stark, "Arpeggio Studies"; Baermann, books IV and V. Representative repertoire including Marty, "1st Fantasia"; Templeton, "Pocket Size Sonata"; Gallois-Montbrun, "Six Pièces Musicales"; Arnold, Sonatina; "Solos de Concours" by Rabaud and Messenger; Spohr, "Six German Songs"; Widor, Introduction and Rondo; Schumann, "Fantasiestücke"; Weber concerti; sonatas by Saint-Saëns, Bernstein, Bax, Etler, and Hindemith. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 22501 Clarinet II - Music Minors (NLA)

Continued refinement of all fundamentals. Bender-Jettel, "Scale Exercises"; Baermann, "Method," part III; Stubbins, "Essentials of Technical Dexterity." Representative études including Rose, "32 Études"; Rose-Rode, "20 Grandes Études"; Stark, "Arpeggio Studies"; Baermann, books IV and V. Representative repertoire including Marty, "1st Fantasia"; Templeton, "Pocket Size Sonata"; Gallois-Montbrun, "Six Pièces Musicales"; Arnold, Sonatina; "Solos de Concours" by Rabaud and Messenger; Spohr, "Six German Songs"; Widor, Introduction and Rondo; Schumann, "Fantasiestücke"; Weber concerti; sonatas by Saint-Saëns, Bernstein, Bax, Etler, and Hindemith. 1 Credit

PFMJ 22502 Clarinet II - Secondary Instrument (NLA)

Continued refinement of all fundamentals. Bender-Jettel, "Scale Exercises"; Baermann, "Method," part III; Stubbins, "Essentials of Technical Dexterity." Representative études including Rose, "32 Études"; Rose-Rode, "20 Grandes Études"; Stark, "Arpeggio Studies"; Baermann, books IV and V. Representative repertoire including Marty, "1st Fantasia"; Templeton, "Pocket Size Sonata"; Gallois-Montbrun, "Six Pièces Musicales"; Arnold, Sonatina; "Solos de Concours" by Rabaud and Messenger; Spohr, "Six German Songs"; Widor, Introduction and Rondo; Schumann, "Fantasiestücke"; Weber concerti; sonatas by Saint-Saëns, Bernstein, Bax, Etler, and Hindemith. 1 Credit

PFMJ 22700 Bassoon II - Music Majors (NLA)

All major and minor scales (80 mm). All scales in thirds. Chord study. Articulations (slur two-tongue; tongue one-slur two-tongue two; slur three-tongue one, etc.). Chord cycle of I-IV-V((7))-I. Representative études including Kopprasch, books I and II; Oubradous, "Methods I"; Piard, "Methods I." Representative repertoire including Ferdinand David, "Concertino," op. 12; Galliard, "Six Sonatas for Bassoon and Piano"; Milde, Andante and Rondo; Pierne, "Concert Piece"; Burrill Phillips, "Concert Piece"; Vivaldi, concerti in A minor and B minor, Sonata in A Minor. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 22701 Bassoon II - Music Minors (NLA)

All major and minor scales (80 mm). All scales in thirds. Chord study. Articulations (slur two-tongue; tongue one-slur two-tongue two; slur three-tongue one, etc.). Chord cycle of I-IV-V((7))-I. Representative études including Kopprasch, books I and II; Oubradous, "Methods I"; Piard, "Methods I." Representative repertoire including Ferdinand David, "Concertino," op. 12; Galliard, "Six Sonatas for Bassoon and Piano"; Milde, Andante and Rondo; Pierne, "Concert Piece"; Burrill Phillips, "Concert Piece"; Vivaldi, concerti in A minor and B minor, Sonata in A Minor. 1 Credit

PFMJ 22702 Bassoon II - Secondary Instrument (NLA)

All major and minor scales (80 mm). All scales in thirds. Chord study. Articulations (slur two-tongue; tongue one-slur two-tongue two; slur three-tongue one, etc.). Chord cycle of I-IV-V((7))-I. Representative études including Kopprasch, books I and II; Oubradous, "Methods I"; Piard, "Methods I." Representative repertoire including Ferdinand David, "Concertino," op. 12; Galliard, "Six Sonatas for Bassoon and Piano"; Milde, Andante and Rondo; Pierne, "Concert Piece"; Burrill Phillips, "Concert Piece"; Vivaldi, concerti in A minor and B minor, Sonata in A Minor. 1 Credit

PFMJ 22900 Saxophone II - Music Majors (NLA)

Technique including L. Teal, "Saxophonist's Workbook"; S. Rascher and R. Lang, altissimo studies; J. M. Londeix, intonation studies; Giamperi, "Daily Studies." Études including C. Koechlin, "Études"; W. Schmidt, "Contemporary Études"; and continued work in previous methods. Representative repertoire including various transcriptions; P. Creston, Sonata; L. Van Delden, Sonatina; H. Villa-Lobos, "Fantasia"; W. Benson, "Aeolian Song"; P. Maurice, "Tableaux de Provence"; A. Glazunov, Concerto in E-flat; L. Lunde, Sonata; and various chamber works. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 22901 Saxophone II - Music Minors (NLA)

Technique including L. Teal, "Saxophonist's Workbook"; S. Rascher and R. Lang, altissimo studies; J. M. Londeix, intonation studies; Giamperi, "Daily Studies." Études including C. Koechlin, "Études"; W. Schmidt, "Contemporary Études"; and continued work in previous methods. Representative repertoire including various transcriptions; P. Creston, Sonata; L. Van Delden, Sonatina; H. Villa-Lobos, "Fantasia"; W. Benson, "Aeolian Song"; P. Maurice, "Tableaux de Provence"; A. Glazunov, Concerto in E-flat; L. Lunde, Sonata; and various chamber works. 1 Credit

PFMJ 22902 Saxophone II - Secondary Instrument (NLA)

Technique including L. Teal, "Saxophonist's Workbook"; S. Rascher and R. Lang, altissimo studies; J. M. Londeix, intonation studies; Giamperi, "Daily Studies." Études including C. Koechlin, "Études"; W. Schmidt, "Contemporary Études"; and continued work in previous methods. Representative repertoire including various transcriptions; P. Creston, Sonata; L. Van Delden, Sonatina; H. Villa-Lobos, "Fantasia"; W. Benson, "Aeolian Song"; P. Maurice, "Tableaux de Provence"; A. Glazunov, Concerto in E-flat; L. Lunde, Sonata; and various chamber works. 1 Credit

PFMJ 23100 French Horn II - Music Majors (NLA)

Technique including lip slurs covering two octaves and all major scales in broken thirds, fourths, and fifths. Transposition to E-flat, C, D, G, E, and A horn. Stopped horn technique. Representative études including Brahms, "10 Études"; Chaynes, "15 Études"; Bozza, "Improvisational Studies"; Bach, Cello Suites (bass clef); and orchestral excerpts from the standard repertoire. Representative solo repertoire including Mozart, Concerto no. 4; Saint-Saëns, "Morceau de Concert"; Strauss, Concerto no. 1; Heiden, Sonata; Adler, Sonata; and Goedicke, Concerto. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 23101 French Horn II - Music Minors (NLA)

Technique including lip slurs covering two octaves and all major scales in broken thirds, fourths, and fifths. Transposition to E-flat, C, D, G, E, and A horn. Stopped horn technique. Representative études including Brahms, "10 Études"; Chaynes, "15 Études"; Bozza, "Improvisational Studies"; Bach, Cello Suites (bass clef); and orchestral excerpts from the standard repertoire. Representative solo repertoire including Mozart, Concerto no. 4; Saint-Saëns, "Morceau de Concert"; Strauss, Concerto no. 1; Heiden, Sonata; Adler, Sonata; and Goedicke, Concerto.

1 Credit

PFMJ 23102 French Horn II - Secondary Instrument (NLA)

Technique including lip slurs covering two octaves and all major scales in broken thirds, fourths, and fifths. Transposition to E-flat, C, D, G, E, and A horn. Stopped horn technique. Representative études including Brahms, "10 Études"; Chaynes, "15 Études"; Bozza, "Improvisational Studies"; Bach, Cello Suites (bass clef); and orchestral excerpts from the standard repertoire. Representative solo repertoire including Mozart, Concerto no. 4; Saint-Saëns, "Morceau de Concert"; Strauss, Concerto no. 1; Heiden, Sonata; Adler, Sonata; and Goedicke, Concerto.

1 Credit

PFMJ 23300 Trumpet II - Music Majors (NLA)

Tonal and technical development using Schlossberg, "Daily Drills"; and Clarke, "Technical Studies." All major and minor scales in diatonic patterns, double-tongued, and in thirds. Begin study of the C trumpet. Transposition from Caffarelli, "100 Studi Melodici"; contemporary rhythms from Gates, "Odd-Meter Études"; and Small, "27 Melodious and Rhythmical Studies"; other études from Balasanyan (Foveau), "20 Studies," and Gisondi, "Bach for the Trumpet." Orchestral studies from Vartold, vol. I and II, including memorization of standard solo passages. Solo repertoire including Barat, Andante et Scherzo; Gabaye, "Boutade"; Flor Peeters, Sonata; Purcell, Sonata; Gabrieli, Sonata V; and Stanley, Concerto. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 23301 Trumpet II - Music Minors (NLA)

Tonal and technical development using Schlossberg, "Daily Drills"; and Clarke, "Technical Studies." All major and minor scales in diatonic patterns, double-tongued, and in thirds. Begin study of the C trumpet. Transposition from Caffarelli, "100 Studi Melodici"; contemporary rhythms from Gates, "Odd-Meter Études"; and Small, "27 Melodious and Rhythmical Studies"; other études from Balasanyan (Foveau), "20 Studies," and Gisondi, "Bach for the Trumpet." Orchestral studies from Vartold, vol. I and II, including memorization of standard solo passages. Solo repertoire including Barat, Andante et Scherzo; Gabaye, "Boutade"; Flor Peeters, Sonata; Purcell, Sonata; Gabrieli, Sonata V; and Stanley, Concerto.

1 Credit

PFMJ 23302 Trumpet II - Secondary Instrument (NLA)

Tonal and technical development using Schlossberg, "Daily Drills"; and Clarke, "Technical Studies." All major and minor scales in diatonic patterns, double-tongued, and in thirds. Begin study of the C trumpet. Transposition from Caffarelli, "100 Studi Melodici"; contemporary rhythms from Gates, "Odd-Meter Études"; and Small, "27 Melodious and Rhythmical Studies"; other études from Balasanyan (Foveau), "20 Studies," and Gisondi, "Bach for the Trumpet." Orchestral studies from Vartold, vol. I and II, including memorization of standard solo passages. Solo repertoire including Barat, Andante et Scherzo; Gabaye, "Boutade"; Flor Peeters, Sonata; Purcell, Sonata; Gabrieli, Sonata V; and Stanley, Concerto.

1 Credit

PFMJ 23500 Tenor Trombone II - Music Majors (NLA)

Continued concentration on sound development, plus expansion of range to instrument's full capabilities. Representative études for technique and reading skills include Smith, "Slide Exercises"; Rochut, "Melodious Études"; and Kahils, "Clef Studies." Solo repertoire includes Marcello, Bozza, Saint-Saëns, Dubois, Serocki, Davison, Jacob, Grondahl, Frackenhohl, and Larsson. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 23501 Tenor Trombone II - Music Minors (NLA)

Continued concentration on sound development, plus expansion of range to instrument's full capabilities. Representative études for technique and reading skills include Smith, "Slide Exercises"; Rochut, "Melodious Études"; and Kahils, "Clef Studies." Solo repertoire includes Marcello, Bozza, Saint-Saëns, Dubois, Serocki, Davison, Jacob, Grondahl, Frackenhohl, and Larsson.

1 Credit

PFMJ 23502 Tenor Trombone II - Secondary Instrument (NLA)

Continued concentration on sound development, plus expansion of range to instrument's full capabilities. Representative études for technique and reading skills include Smith, "Slide Exercises"; Rochut, "Melodious Études"; and Kahils, "Clef Studies." Solo repertoire includes Marcello, Bozza, Saint-Saëns, Dubois, Serocki, Davison, Jacob, Grondahl, Frackenhohl, and Larsson.

1 Credit

PFMJ 23700 Bass Trombone II - Music Majors (NLA)

Continued concentration on sound development, plus expansion of range to instrument's full capabilities. Representative études for technique and reading skills include Smith, "Slide Exercises"; Fink, "Studies in Legato"; and Blume-Fink, "Studies for Trombone with F Attachment." Solo repertoire includes Telemann, Defay, Wilder, and Lebedev. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 23701 Bass Trombone II - Music Minors (NLA)

Continued concentration on sound development, plus expansion of range to instrument's full capabilities. Representative études for technique and reading skills include Smith, "Slide Exercises"; Fink, "Studies in Legato"; and Blume-Fink, "Studies for Trombone with F Attachment." Solo repertoire includes Telemann, Defay, Wilder, and Lebedev.

1 Credit

PFMJ 23702 Bass Trombone II - Secondary Instrument (NLA)

Continued concentration on sound development, plus expansion of range to instrument's full capabilities. Representative études for technique and reading skills include Smith, "Slide Exercises"; Fink, "Studies in Legato"; and Blume-Fink, "Studies for Trombone with F Attachment." Solo repertoire includes Telemann, Defay, Wilder, and Lebedev.

1 Credit

PFMJ 23900 Euphonium II - Music Majors (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scale interval, chord, double- and triple-tonguing studies. All major and minor scales and arpeggios from memory (two octaves) and Clarke, "Technical Studies" (Series II). Representative études including Arban, "Method for Trombone," characteristic studies; Kopprasch, "60 Selected Studies" (book 1); Rochut, "Melodious Études" (trombone, book 1); and Tyrell, "40 Advanced Studies for Trombone." Representative repertoire including Weber-Hock, "Fantasi" a; David, Concertino; Bellstedt, "Mandolinata"; Vidal, Concertino; Busch, Recitative, Arioso, and Polonaise; Gottwald, "Fantasie Héroïque," op. 25; plus selected band excerpts. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 23901 Euphonium II - Music Minors (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scale interval, chord, double- and triple-tonguing studies. All major and minor scales and arpeggios from memory (two octaves) and Clarke, "Technical Studies" (Series II). Representative études including Arban, "Method for Trombone," characteristic studies; Kopprasch, "60 Selected Studies" (book 1); Rochut, "Melodious Études" (trombone, book 1); and Tyrell, "40 Advanced Studies for Trombone." Representative repertoire including Weber-Hock, "Fantasi" a; David, Concertino; Bellstedt, "Mandolinata"; Vidal, Concertino; Busch, Recitative, Arioso, and Polonaise; Gottwald, "Fantasie Héroïque," op. 25; plus selected band excerpts.

1 Credit

PFMJ 23902 Euphonium II - Secondary Instrument (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scale interval, chord, double- and triple-tonguing studies. All major and minor scales and arpeggios from memory (two octaves) and Clarke, "Technical Studies" (Series II). Representative études including Arban, "Method for Trombone," characteristic studies; Kopprasch, "60 Selected Studies" (book 1); Rochut, "Melodious Études" (trombone, book 1); and Tyrell, "40 Advanced Studies for Trombone." Representative repertoire including Weber-Hock, "Fantasi" a; David, Concertino; Bellstedt, "Mandolinata"; Vidal, Concertino; Busch, Recitative, Arioso, and Polonaise; Gottwald, "Fantasie Héroïque," op. 25; plus selected band excerpts.

1 Credit

PFMJ 24100 Tuba II - Music Majors (NLA)

Technique including W. Bell, "Tuba Warmups" (part 1); Schlossberg, "Daily Drills and Technical Studies for Trombone" (bass clef); Arban, "Method for Trombone" (scale, chord, and interval studies). All major and minor scales and arpeggios from memory (two octaves). Introduction to double- and triple-tonguing (Arban). Representative études including Cimera, "73 Advanced Tuba Studies"; Kopprasch, "60 Selected Studies" (book 1); Tyrell, "Advanced Studies for the BB-flat Tuba"; W. Bell, "Tuba Warmups" (book 2, "Blazevich Interpretations"); Eby, "BB-flat Bass Method" (part 1). Representative repertoire including Painpare, "Concert Piece"; Bach-Bell, "Air and Bourrée"; Troje-Miller, "Sonatina Classica"; Sabathhill, "Divertissement"; Hume, "Te Anau"; Spillman, "Two Songs"; plus selected band and orchestral excerpts. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 24101 Tuba II - Music Minors (NLA)

Technique including W. Bell, "Tuba Warmups" (part 1); Schlossberg, "Daily Drills and Technical Studies for Trombone" (bass clef); Arban, "Method for Trombone" (scale, chord, and interval studies). All major and minor scales and arpeggios from memory (two octaves). Introduction to double- and triple-tonguing (Arban). Representative études including Cimera, "73 Advanced Tuba Studies"; Kopprasch, "60 Selected Studies" (book 1); Tyrell, "Advanced Studies for the BB-flat Tuba"; W. Bell, "Tuba Warmups" (book 2, "Blazevich Interpretations"); Eby, "BB-flat Bass Method" (part 1). Representative repertoire including Painpare, "Concert Piece"; Bach-Bell, "Air and Bourrée"; Troje-Miller, "Sonatina Classica"; Sabathhill, "Divertissement"; Hume, "Te Anau"; Spillman, "Two Songs"; plus selected band and orchestral excerpts.

1 Credit

PFMJ 24102 Tuba II - Secondary Instrument (NLA)

Technique including W. Bell, "Tuba Warmups" (part 1); Schlossberg, "Daily Drills and Technical Studies for Trombone" (bass clef); Arban, "Method for Trombone" (scale, chord, and interval studies). All major and minor scales and arpeggios from memory (two octaves). Introduction to double- and triple-tonguing (Arban). Representative études including Cimera, "73 Advanced Tuba Studies"; Kopprasch, "60 Selected Studies" (book 1); Tyrell, "Advanced Studies for the BB-flat Tuba"; W. Bell, "Tuba Warmups" (book 2, "Blazevich Interpretations"); Eby, "BB-flat Bass Method" (part 1). Representative repertoire including Painpare, "Concert Piece"; Bach-Bell, "Air and Bourrée"; Troje-Miller, "Sonatina Classica"; Sabathhill, "Divertissement"; Hume, "Te Anau"; Spillman, "Two Songs"; plus selected band and orchestral excerpts.

1 Credit

PFMJ 24300 Percussion II - Music Majors (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 24301 Percussion II - Music Minors (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor.

1 Credit

PFMJ 24302 Percussion II - Secondary Instrument (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor.

1 Credit

PFMJ 24500 Drum Set II - Music Majors (NLA)

Continued private instruction in drum set. Technique expansion may include Stone and Reed Afro-Cuban variations, contemporary Plainfield style variations and solo concepts. Sight-reading techniques will be broadened. Variations may occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular styles. Corequisite: PFMJ 19900. (F,S,U,Y)

1-4 Credits

PFMJ 24501 Drum Set II - Minors (NLA)

Continued private instruction in drum set. Technique expansion may include Stone and Reed Afro-Cuban variations, contemporary Plainfield style variations and solo concepts. Sight-reading techniques will be broadened. Variations may occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular styles.

1-4 Credits

PFMJ 26300 Electric Bass II - Music Majors (NLA)

More complex harmonic motion tune types; basic substitute chords and implied harmonies; continuation of technical devices; 9th chords; 11th chords; 13th chords; time feel; introduction of other styles, e.g., samba, mambo, 8th-note, 16th-note, "rock"; more tune repertoire; more line construction, transcribing; modal harmony. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 26301 Electric Bass II - Music Minors (NLA)

More complex harmonic motion tune types; basic substitute chords and implied harmonies; continuation of technical devices; 9th chords; 11th chords; 13th chords; time feel; introduction of other styles, e.g., samba, mambo, 8th-note, 16th-note, "rock"; more tune repertoire; more line construction, transcribing; modal harmony.

1 Credit

PFMJ 26302 Electric Bass II - Secondary Instrument (NLA)

More complex harmonic motion tune types; basic substitute chords and implied harmonies; continuation of technical devices; 9th chords; 11th chords; 13th chords; time feel; introduction of other styles, e.g., samba, mambo, 8th-note, 16th-note, "rock"; more tune repertoire; more line construction, transcribing; modal harmony.

1 Credit

PFMJ 30100 Voice III - Music Majors (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce." Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 30102 Voice III - Secondary Instrument (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce."

1 Credit

PFMJ 30300 Piano III - Music Majors (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable Credit. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 30302 Piano III - Secondary Instrument (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable credit.

1 Credit

PFMJ 30500 Organ III - Music Majors (NLA)

Bach, "Trio Sonatas," Schübler and Leipzig chorales, and the Weimar preludes and fugues; Franck, Prelude, Fugue, and Variation; Mendelssohn sonatas; Hindemith sonatas; works by Messiaen and other contemporary composers. Advanced church music skills: improvisation, modulation, hymn reharmonization. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 30502 Organ III - Secondary Instrument (NLA)

Bach, "Trio Sonatas," Schübler and Leipzig chorales, and the Weimar preludes and fugues; Franck, Prelude, Fugue, and Variation; Mendelssohn sonatas; Hindemith sonatas; works by Messiaen and other contemporary composers. Advanced church music skills: improvisation, modulation, hymn reharmonization.

1 Credit

PFMJ 30700 Harpsichord III - Music Majors (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 30702 Harpsichord III - Secondary Instrument (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice.

1 Credit

PFMJ 30900 Violin III - Music Majors (NLA)

Continuation of all previous technical work with the addition of harmonic octaves, thirds, and sixths. Representative études including Dancla, Dont, and Ricci. Representative repertoire including concerti by Mendelssohn, Wieniawski, Vieuxtemps, and Barber; solo sonatas and partitas by Bach; sonatas by Brahms, Ives, Tartini, Grieg, Fauré, and Beethoven; and pieces by Sarasate, Kreisler, Dvorák, and Vitali; and 20th-century works. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 30902 Violin III - Secondary Instrument (NLA)

Continuation of all previous technical work with the addition of harmonic octaves, thirds, and sixths. Representative études including Dancla, Dont, and Ricci. Representative repertoire including concerti by Mendelssohn, Wieniawski, Vieuxtemps, and Barber; solo sonatas and partitas by Bach; sonatas by Brahms, Ives, Tartini, Grieg, Fauré, and Beethoven; and pieces by Sarasate, Kreisler, Dvorák, and Vitali; and 20th-century works.

1 Credit

PFMJ 31100 Viola III - Music Majors (NLA)

Continuation of technical work. Flesch, "Scale System," as before; new scales and arpeggios; emphasis placed on increasing technical facility. Viola ensemble. Studies from Rode; Campagnoli; Fuchs, "Fifteen Characteristic Studies"; Paganini, "Sixty Variations," op. 14; Hermann, "Technical Studies"; Hoffmeister. Repertoire from Bach, "Violin Sonatas and Partitas"; Hindemith, op. 11, no. 4; Schumann, "Märchenbilder"; Milhaud, Sonata no. 1; Schubert, "Arpeggione" Sonata; Brahms, sonatas; 20th-century literature. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 31102 Viola III - Secondary Instrument (NLA)

Continuation of technical work. Flesch, "Scale System," as before; new scales and arpeggios; emphasis placed on increasing technical facility. Viola ensemble. Studies from Rode; Campagnoli; Fuchs, "Fifteen Characteristic Studies"; Paganini, "Sixty Variations," op. 14; Hermann, "Technical Studies"; Hoffmeister. Repertoire from Bach, "Violin Sonatas and Partitas"; Hindemith, op. 11, no. 4; Schumann, "Märchenbilder"; Milhaud, Sonata no. 1; Schubert, "Arpeggione" Sonata; Brahms, sonatas; 20th-century literature.

1 Credit

PFMJ 31300 Cello III - Music Majors (NLA)

Continued study of scales, arpeggios, solid intervals as before, and fourths and fifths with various bowing. Representative études as before, and Kreutzer-Silva, "42 Études"; Piatti, "12 Caprices." Representative repertoire including Bach, Suites; sonatas of Breval, Boccherini, Franconer, Beethoven, Brahms, Barber, Debussy, Rachmaninoff; concerti of Schumann; Tchaikovsky, "Rococo Variations"; Bloch, "Schelomo." Performance of solo and cello ensemble repertoire. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 31302 Cello III - Secondary Instrument (NLA)

Continued study of scales, arpeggios, solid intervals as before, and fourths and fifths with various bowing. Representative études as before, and Kreutzer-Silva, "42 Études"; Piatti, "12 Caprices." Representative repertoire including Bach, Suites; sonatas of Breval, Boccherini, Franconer, Beethoven, Brahms, Barber, Debussy, Rachmaninoff; concerti of Schumann; Tchaikovsky, "Rococo Variations"; Bloch, "Schelomo." Performance of solo and cello ensemble repertoire.

1 Credit

PFMJ 31500 Double Bass III - Music Majors (NLA)

Technique including all scales in two or three octaves with various rhythms and bowing patterns. Continued study of Simandl, "New Method for Double Bass," book 2; Bille, "New Method for Contrabass," part 2; Storch-Hrabe, "57 Études." Solo repertoire chosen from concerto repertoire of Koussevitzky, Vanhal, Cimador, and others. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 31502 Double Bass III - Secondary Instrument (NLA)

Technique including all scales in two or three octaves with various rhythms and bowing patterns. Continued study of Simandl, "New Method for Double Bass," book 2; Bille, "New Method for Contrabass," part 2; Storch-Hrabe, "57 Études." Solo repertoire chosen from concerto repertoire of Koussevitzky, Vanhal, Cimador, and others.

1 Credit

PFMJ 31700 Classical Guitar III - Music Majors (NLA)

Instruction in reading lute and baroque guitar tablatures; transcription of literature for keyboard, violin, cello, etc.; Renaissance and baroque ornamentation and performance practice; reading of figured bass and continuo playing. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 31702 Classical Guitar III - Secondary Instrument (NLA)

Instruction in reading lute and baroque guitar tablatures; transcription of literature for keyboard, violin, cello, etc.; Renaissance and baroque ornamentation and performance practice; reading of figured bass and continuo playing.

1 Credit

PFMJ 31900 Jazz Guitar III - Music Majors (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc. Emphasis is placed on style periods and idiomatic playing. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 31902 Jazz Guitar III - Secondary Instrument (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc.

Emphasis is placed on style periods and idiomatic playing.

1 Credit

PFMJ 32100 Flute III - Music Majors (NLA)

Taffanel-Gaubert, "17 Daily Exercises"; Marcel Moyse, "De la Sonorité"; Trevor Wye, "Practice Book no. 4 – Intonation." Articulation studies, including multiple tonguing. Representative études including Andersen, "24 Études," op. 21 and op. 30; and Demersemann, "50 Melodic Studies," op. 4. Representative repertoire including Honegger, "Danse de la Chèvre"; Telemann, "Twelve Fantasies"; Bach sonatas; Hindemith, Sonata; Mozart concertos; Poulenc, Sonata; and Quantz concertos. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 32102 Flute III - Secondary Instrument (NLA)

Taffanel-Gaubert, "17 Daily Exercises"; Marcel Moyse, "De la Sonorité"; Trevor Wye, "Practice Book no. 4 – Intonation." Articulation studies, including multiple tonguing. Representative études including Andersen, "24 Études," op. 21 and op. 30; and Demersemann, "50 Melodic Studies," op. 4. Representative repertoire including Honegger, "Danse de la Chèvre"; Telemann, "Twelve Fantasies"; Bach sonatas; Hindemith, Sonata; Mozart concertos; Poulenc, Sonata; and Quantz concertos.

1 Credit

PFMJ 32300 Oboe III - Music Majors (NLA)

Technique continued as before, including long tones for endurance, and scales and triads in all keys and in all note values. Études from Ferling and the "Vade Mecum." Representative repertoire selected from the Mozart, Graun, Stamitz, Fischer, and Vivaldi concertos, and the Saint-Saëns, Hindemith, and Poulenc sonatas. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 32302 Oboe III - Secondary Instrument (NLA)

Technique continued as before, including long tones for endurance, and scales and triads in all keys and in all note values. Études from Ferling and the "Vade Mecum." Representative repertoire selected from the Mozart, Graun, Stamitz, Fischer, and Vivaldi concertos, and the Saint-Saëns, Hindemith, and Poulenc sonatas.

1 Credit

PFMJ 32500 Clarinet III - Music Majors (NLA)

Hamglin, "Scales and Exercises." Representative études including Cavallini, "Thirty Caprices"; Stark, "24 Studies in all Tonalities"; Jeanjean, "16 Modern Études" and "18 Études"; Perier, "30 Études"; Uhl, "48 Études"; Voxman (ed.), "Classical Studies." Representative repertoire including Schubert, "The Shepherd on the Rock"; Milhaud, "Trio"; Stravinsky, "Three Pieces for Unaccompanied Clarinet"; Bozza, "Bucolique"; Bonade (ed.), "Orchestral Studies"; Spohr concerti; sonatas by Brahms and Poulenc; concertos by Hindemith and Mozart. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 32502 Clarinet III - Secondary Instrument (NLA)

Hamglin, "Scales and Exercises." Representative études including Cavallini, "Thirty Caprices"; Stark, "24 Studies in all Tonalities"; Jeanjean, "16 Modern Études" and "18 Études"; Perier, "30 Études"; Uhl, "48 Études"; Voxman (ed.), "Classical Studies." Representative repertoire including Schubert, "The Shepherd on the Rock"; Milhaud, "Trio"; Stravinsky, "Three Pieces for Unaccompanied Clarinet"; Bozza, "Bucolique"; Bonade (ed.), "Orchestral Studies"; Spohr concerti; sonatas by Brahms and Poulenc; concertos by Hindemith and Mozart.

1 Credit

PFMJ 32700 Bassoon III - Music Majors (NLA)

Technique including interval study in all major keys of thirds, fourths, fifths, sixths, and sevenths. Continuation of long tones, legato and staccato tonguing. Representative études including Milde, "Studies," book I; Jancoult, "Studies"; Oubradous, "Method," no. 2; Piard, "Method," no. 2. Representative repertoire including Siennicki, "Ballade for Bassoon"; C. von Weber, Concerto in F; A. Stadio, "Orchestra Studies"; Hindemith, Sonata for Bassoon and Piano; Casarino, Sonata for Bassoon and Piano. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 32702 Bassoon III - Secondary Instrument (NLA)

Technique including interval study in all major keys of thirds, fourths, fifths, sixths, and sevenths. Continuation of long tones, legato and staccato tonguing. Representative études including Milde, "Studies," book I; Jancoult, "Studies"; Oubradous, "Method," no. 2; Piard, "Method," no. 2. Representative repertoire including Siennicki, "Ballade for Bassoon"; C. von Weber, Concerto in F; A. Stadio, "Orchestra Studies"; Hindemith, Sonata for Bassoon and Piano; Casarino, Sonata for Bassoon and Piano.

1 Credit

PFMJ 32900 Saxophone III - Music Majors (NLA)

Technique to include continuation of previous material, with emphasis placed on increasing technical facility. Representative études including G. Lacour, "28 Études on Modes of Messiaen"; E. Bozza, "12 Études and Caprices"; R. Caravan, "Paradigms"; G. Lacour, "8 Very Difficult Studies." Representative repertoire including W. Hartley, "Duo for Saxophone and Piano"; W. Benson, Concertino; R. Caravan, "Sketch"; K. Husa, "Élégie et Rondeau"; Milhaud, "Scaramouche"; R. Muczynski, Sonata; P. Bonneau, "Caprice en Forme de Valse"; and various chamber works. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 32902 Saxophone III - Secondary Instrument (NLA)

Technique to include continuation of previous material, with emphasis placed on increasing technical facility. Representative études including G. Lacour, "28 Études on Modes of Messiaen"; E. Bozza, "12 Études and Caprices"; R. Caravan, "Paradigms"; G. Lacour, "8 Very Difficult Studies." Representative repertoire including W. Hartley, "Duo for Saxophone and Piano"; W. Benson, Concertino; R. Caravan, "Sketch"; K. Husa, "Élégie et Rondeau"; Milhaud, "Scaramouche"; R. Muczynski, Sonata; P. Bonneau, "Caprice en Forme de Valse"; and various chamber works.

1 Credit

PFMJ 33100 French Horn III - Music Majors (NLA)

Technique including lip slurs covering three octaves in broken triads, fourths, fifths, and octaves. All major scales in broken thirds, fourths, fifths, and augmented fourths. Lip trill. Representative études including Maxime-Alphonse, book 4; Reynolds, "48 Études" (1, 2, 3, 5, 6, 7, 8, 10, 11, 12, 14, 18, 25, 27, 29, 31, 34, 37). Orchestral excerpts from Wagner, Strauss, and French repertoire. Representative repertoire including Mozart, Horn Quintet; Dukas, Villanelle; Wilder, Sonata no. 1; Hindemith, Sonata; Strauss, Concerto no. 2 (second and third movements); Schoeck, Concerto; Stich, Quartet; and Beversdorf, Sonata. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 33102 French Horn III - Secondary Instrument (NLA)

Technique including lip slurs covering three octaves in broken triads, fourths, fifths, and octaves. All major scales in broken thirds, fourths, fifths, and augmented fourths. Lip trill. Representative études including Maxime-Alphonse, book 4; Reynolds, "48 Études" (1, 2, 3, 5, 6, 7, 8, 10, 11, 12, 14, 18, 25, 27, 29, 31, 34, 37). Orchestral excerpts from Wagner, Strauss, and French repertoire. Representative repertoire including Mozart, Horn Quintet; Dukas, Villanelle; Wilder, Sonata no. 1; Hindemith, Sonata; Strauss, Concerto no. 2 (second and third movements); Schoeck, Concerto; Stich, Quartet; and Beversdorf, Sonata.

1 Credit

PFMJ 33300 Trumpet III - Music Majors (NLA)

Continuation of study from Schlossberg and Clarke. Use of the C, D, E-flat, and piccolo trumpet. Transposition from Sachse, "100 Studies." Études including Brandt, "34 Studies"; Bitsch, "20 Études"; and Longinotti, "Studies in Classical and Modern Style." Orchestral excerpts from vols. III, IV, and V, including memorization of standard passages. Solos required are Haydn, Concerto; Hartley, Sonatina; Kennan, Sonata; and Torelli, Concerto or Sinfonia con Tromba. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 33302 Trumpet III - Secondary Instrument (NLA)

Continuation of study from Schlossberg and Clarke. Use of the C, D, E-flat, and piccolo trumpet. Transposition from Sachse, "100 Studies." Études including Brandt, "34 Studies"; Bitsch, "20 Études"; and Longinotti, "Studies in Classical and Modern Style." Orchestral excerpts from vols. III, IV, and V, including memorization of standard passages. Solos required are Haydn, Concerto; Hartley, Sonatina; Kennan, Sonata; and Torelli, Concerto or Sinfonia con Tromba.

1 Credit

PFMJ 33500 Tenor Trombone III - Music Majors (NLA)

Review of fundamentals of sound, range, and intonation; introduction to unusual scale forms. Representative études for technique, reading skills, and musicianship include Rochut, "Melodious Études"; Masson, "Études"; and Bitsch, "Rhythmic Études." Solo repertoire includes Handel, Vivaldi, Ropartz, Stojowski, Sulek, Casterede, Monaco, White, Tomasi, and Wagenseil. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 33502 Tenor Trombone III - Secondary Instrument (NLA)

Review of fundamentals of sound, range, and intonation; introduction to unusual scale forms. Representative études for technique, reading skills, and musicianship include Rochut, "Melodious Études"; Masson, "Études"; and Bitsch, "Rhythmic Études." Solo repertoire includes Handel, Vivaldi, Ropartz, Stojowski, Sulek, Casterede, Monaco, White, Tomasi, and Wagenseil.

1 Credit

PFMJ 33700 Bass Trombone III - Music Majors (NLA)

Review of fundamentals of sound, range, and intonation; introduction to unusual scale forms. Representative études for technique, reading skills, and musicianship include Fink, "Studies in Legato"; Gillis, "20 Études"; and Ostrander, "Shifting Meter Studies." Solo repertoire includes Frescobaldi, Casterede, White, and McCarty. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 33702 Bass Trombone III - Secondary Instrument (NLA)

Review of fundamentals of sound, range, and intonation; introduction to unusual scale forms. Representative études for technique, reading skills, and musicianship include Fink, "Studies in Legato"; Gillis, "20 Études"; and Ostrander, "Shifting Meter Studies." Solo repertoire includes Frescobaldi, Casterede, White, and McCarty.

1 Credit

PFMJ 33900 Euphonium III - Music Majors (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scale, interval, chord, double- and triple-tonguing, and Grupetto studies. All major and minor scales and arpeggios from memory (three octaves). Clark, "Technical Studies" (Series III). Representative études including Arban, "Method for Trombone" and "12 Celebrated Fantasies and Variations"; Kopprasch, "60 Selected Studies" (book 2); Rochut, "Melodious Études" (book 2); St. Jerome, "Cornet Method," selected études. Representative repertoire including Bach-La Fosse, Cello Suites; Bitot, Impromptu; Reiche, Concert Piece no. 2; Hindemith, Sonata (trumpet); Rousseau, "Pièce Concertante"; plus selected band excerpts. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 33902 Euphonium III - Secondary Instrument (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scale, interval, chord, double- and triple-tonguing, and Grupetto studies. All major and minor scales and arpeggios from memory (three octaves). Clark, "Technical Studies" (Series III). Representative études including Arban, "Method for Trombone" and "12 Celebrated Fantasies and Variations"; Kopprasch, "60 Selected Studies" (book 2); Rochut, "Melodious Études" (book 2); St. Jerome, "Cornet Method," selected études. Representative repertoire including Bach-La Fosse, Cello Suites; Bitot, Impromptu; Reiche, Concert Piece no. 2; Hindemith, Sonata (trumpet); Rousseau, "Pièce Concertante"; plus selected band excerpts.

1 Credit

PFMJ 34100 Tuba III - Music Majors (NLA)

Technique including W. Bell, "Tuba Warmups" (part 2); Schlossberg, "Daily Drills and Technical Studies for Trombone" (bass clef); Arban, "Method for Trombone"; scale, chord, interval, double- and triple-tonguing studies, and three-octave scales and arpeggios; H. L. Clarke, "Technical Studies" (Series II, cornet). Representative études including Arban, "Method for Trombone," characteristic studies; Kopprasch, "60 Selected Studies" (trombone, book 2); Rochut, "Melodious Études" (trombone, book 1); Tyrell, "Advanced Studies for the BB-flat Tuba"; W. Bell, "Tuba Warmups," book 2 ("Blazevich Interpretations"); and Eby, "BB-flat Bass Method," part 1. Representative repertoire including Painpare, "Concert Piece"; Bach-Bell, Air and Bourrée; Troje-Miller, "Sonatina Classic"; Sabathhill, Divertissement; Hume, "Te Anau"; Spillman, "Two Songs"; plus selected band and orchestral excerpts. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 34102 Tuba III - Secondary Instrument (NLA)

Technique including W. Bell, "Tuba Warmups" (part 2); Schlossberg, "Daily Drills and Technical Studies for Trombone" (bass clef); Arban, "Method for Trombone"; scale, chord, interval, double- and triple-tonguing studies, and three-octave scales and arpeggios; H. L. Clarke, "Technical Studies" (Series II, cornet). Representative études including Arban, "Method for Trombone," characteristic studies; Kopprasch, "60 Selected Studies" (trombone, book 2); Rochut, "Melodious Études" (trombone, book 1); Tyrell, "Advanced Studies for the BB-flat Tuba"; W. Bell, "Tuba Warmups," book 2 ("Blazevich Interpretations"); and Eby, "BB-flat Bass Method," part 1. Representative repertoire including Painpare, "Concert Piece"; Bach-Bell, Air and Bourrée; Troje-Miller, "Sonatina Classic"; Sabathhill, Divertissement; Hume, "Te Anau"; Spillman, "Two Songs"; plus selected band and orchestral excerpts.

1 Credit

PFMJ 34300 Percussion III - Music Majors (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 34302 Percussion III - Secondary Instrument (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor.

1 Credit

PFMJ 34500 Drum Set III - Music Majors (NLA)

Continued private instruction in drum set with emphasis on style fluency. Focus on large ensemble performance practices. Engagement of transcription and execution technique. Repertoire may include Reed asymmetrical technical studies and Garibaldi linear concepts. Variations may occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular styles. Corequisite: PFMJ 19900. (F,S,U,Y)

1-4 Credits

PFMJ 36300 Electric Bass III - Music Majors (NLA)

Soloing; modes and altered scales for improvisation; more advanced substitute chord changes; blues progressions and altered chord changes; longer duration chord changes; patterns and arpeggios; harmonic cycles; standard introduction and endings. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 36302 Electric Bass III - Secondary Instrument (NLA)

Soloing; modes and altered scales for improvisation; more advanced substitute chord changes; blues progressions and altered chord changes; longer duration chord changes; patterns and arpeggios; harmonic cycles; standard introduction and endings.

1 Credit

PFMJ 40100 Voice IV - Music Majors (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce." Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 40300 Piano IV - Music Majors (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable Credit. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 40500 Organ IV - Music Majors (NLA)

Bach, larger preludes and fugues, such as BWV 548 and 582; Franck, Chorales; 19th- and 20th-century virtuoso works by Vierne, Widor, Reger, Dupré, Reubke, Messiaen, etc. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 40700 Harpsichord IV - Music Majors (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 40900 Violin IV - Music Majors (NLA)

Continuation of all previous technical work. Representative études including Rode, "Caprices"; Gavinies, "Studies"; Paganini, op. 14 and the "24 Caprices." Representative repertoire including concerti by Saint-Saëns, Khachaturian, Tchaikovsky, Sibelius, Vivaldi ("Four Seasons"), and Prokofiev; solo sonatas and partitas by Bach; sonatas by Franck, Copland, Brahms, and Debussy; pieces by Bloch, Vaughan Williams, Stravinsky, and other 20th-century works. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 41100 Viola IV - Music Major (NLA)

Continuation of all previous work; establishing secure technical facility. Flesch, "Scale System"; advanced bowing and left-hand techniques. Viola ensemble. Studies from Fuchs, "Twelve Caprices"; Hermann, "Concert Studies"; Dont, "Études and Caprices," op. 35. Repertoire from Bartók; Walton; Hindemith; Jacob concertos; Vaughan Williams; Bloch and Reger suites; Bach, Violin Sonatas and Partitas; Brahms, sonatas; 20th-century literature. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 41300 Cello IV - Music Majors (NLA)

Continued study of scales, etc., as above; Bazelaire arpeggios. Representative études including the above and Paganini-Silva, "12 Caprices," and virtuosic solo pieces. Representative repertoire including suites; sonatas by Bach, Reger, Bloch; concerti by Locatelli, Bach, Beethoven, Brahms, Kodály, Shostakovich; Haydn; Dvorak (from list above); 20th-century pieces. Performance of solo and cello ensemble repertoire. (F-S). Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 41500 Double Bass IV - Music Majors (NLA)

Technique including all scales and arpeggios with bowings and rhythms. Études from all sources previously studied. Solo repertoire from any source including the Cello Suites of Bach, and works from all periods including the 20th century. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 41700 Classical Guitar IV - Music Majors (NLA)

Instruction in reading lute and baroque guitar tablatures; transcription of literature for keyboard, violin, cello, etc.; Renaissance and baroque ornamentation and performance practice; reading of figured bass and continuo playing. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 41900 Jazz Guitar IV - Music Majors (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc. Emphasis is placed on style periods and idiomatic playing. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 42100 Flute IV - Music Majors (NLA)

Taffanel-Gaubert, "17 Daily Exercises," and Marcel Moyse, "Tone Development through Interpretation." Orchestral excerpts. Representative études including Altes, "26 Selected Studies"; Andersen, "24 Études," op. 15; and Andersen, "24 Technical Studies," op. 63. Representative repertoire including Bach, Partita; Hindemith, "Acht Stücke"; Varese, "Density 21.5"; Bach sonatas; Martin, Ballade; Reinecke, "Undine" Sonata; and Schubert, "Introduction and Variations." Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 42300 Oboe IV - Music Majors (NLA)

Technique continues as before. Études selected from Rothwell, Belinsky and deLancie's "Orchestra Studies," and G. Gillet's "Advanced Études." Representative repertoire selected from Bach and Telemann cantatas; Mozart, Oboe Quartet K. 370; Vaughan Williams, Concerto; Ibert, "Symphonie Concertante"; Riccardo Malipiero, Sonata; Britten, "Quartet and Metamorphoses." Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 42500 Clarinet IV - Music Majors (NLA)

Concentrated review of every aspect of performance. Representative études including Stark, "24 Grand Virtuoso Studies"; Perier, "Recueil de Sonates"; Starlit, "25 Études de Virtuosité." Representative repertoire includes orchestral studies of Bonade, McGinnis, and Cailliet; Debussy, "Rhapsodie"; Ravel, "Fantasie"; Bartók, "Contrasts"; quintets by Mozart and Brahms; concertos by Copland, Tomasi, and Nielsen. (F-S). Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 42700 Bassoon IV - Music Majors (NLA)

Technique including all scales (100 mm). Continued study of all basic material. Representative études including Milde, "Studies," book 2; Paired, "Method," no. 3; Oubradous, "Method," no. 3. Representative repertoire including Mozart, Bassoon Concerto in B; V. Bruns, Concerto for Bassoon; Etler, Sonata for Bassoon and Piano; Villa-Lobos, "Ciranda das Sete Notas"; symphonies of Beethoven, Brahms, and Tchaikovsky; and "Studio" book. Co-requisite: PFMJ 19900. (F-S) 1-4 Credits

PFMJ 42900 Saxophone IV - Music Majors (NLA)

Continued emphasis is placed on technical facility in various keys and modes. Continued study of extended techniques such as multiphonics, altissimo, timbre changes, tonguing effects. Representative repertoire including concertos by Creston, Dahl, Husa, and Tomasi; sonatas by DiPasquale, Denisov, and others; L. Basset, "Music for Saxophone and Piano"; J. Ibert, "Concertino da Camera"; and various chamber works. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 43100 French Horn IV - Music Majors (NLA)

Continued technique of previous years, the study of the 18th- and early 19th-century hand-horn technique. Representative études including Maxime-Alphonse, book 5; Barboteu, "Études Concertantes"; Reynolds, "48 Études" (18, 20, 21, 23, 28, 30, 35, 41). Orchestral excerpts from contemporary repertoire. Representative repertoire including Brahms, Trio; Porter, Sonata; Atterberg, Concerto; Glière, Concerto; Hindemith, Sonata for Alto Horn; Jacob, Concerto; and Schumann, Adagio and Allegro. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 43300 Trumpet IV - Music Majors (NLA)

Summary of tonal and technical development. Pettit, "La Semaine du Virtuoso"; Nagel, "Speed Studies"; études from Chartier, "36 Études Transcendantes," and Broiles, "Studies and Duets." Orchestral studies from volumes VI and VII; tone poems of Strauss (Rossbach) and operas of Wagner (Hoechne); and Pietzsch, "Die Trompete." Solo repertoire includes the Chaynes or Tomasi concertos; Corelli, Concerto in D; Hummel, Concerto; and Hindemith, Sonata. Graduate should be capable of a shared recital. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 43500 Tenor Trombone IV - Music Majors (NLA)

Concentrated study of Bach's Cello Suites as études for musical development; coaching of traditional orchestral excerpts. Introduction to less traditional solo repertoire by Berio, Bernstein, Bassett, Druckman, Cox, Eakin, Krol, Loetsier, and Schiffman. Preparation of a senior recital must include a major work, such as Hindemith, Krol, or Dutilleux. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 43700 Bass Trombone IV - Music Majors (NLA)

Concentrated study of Bach's Cello Suites as études for musical development; coaching of traditional orchestral excerpts. Introduction to less traditional solo repertoire by Hartley, Ross, and Muller. Preparation of a senior recital must include a major work, such as the George Concerto. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 43900 Euphonium IV - Music Majors (NLA)

Technique including Schlossberg, Daily Drills and Technical Studies; Arban, Method for Trombone (continued technical materials); St. Jacome, Cornet Method, velocity and other studies. Continuation of all scales and arpeggios, articulations, including double- and triple-tongue. Representative études including St. Jacome, Cornet Method, selected études; Smith, Top Tones for the Trumpeter; Charlier, 36 Études Transcendantes (trumpet); Rochut, Melodious Études (trombone, book 3). Representative repertoire including Boccalari, Fantasia di Concerto; Fitzgerald, Concerto in A-flat Minor; Sowerby, Sonata for Trumpet; Strauss, Concerto for Horn; Bozza, Prelude et Allegro; Baret, Morceau de Concours; plus selected band excerpts. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 44100 Tuba IV - Music Majors (NLA)

Technique including W. Bell, "Tuba Warmups" (part 2); Blazeovich, "Advanced Daily Drills"; continued use of Arban materials. Continuation of all scales and arpeggios from memory, all articulations, including double- and triple-tongue. H. L. Clarke, "Technical Studies" (Series II, cornet). Representative études including Smith, "Top Tunes for the Trumpeter"; Charlier, "6 Études Transcendantes" (trumpet); Saint-Jacome, "Twelve Grand Artistic Studies" (cornet); Rochut, "Melodious Études" (book 3, trombone); Blazeovich, "70 Études for BB-flat Tuba." Representative repertoire including Le Clercq, Concertino; Boccalari, "Fantasia di Concerto"; Hindemith, Sonata; Williams, Concerto; Levedev, Concerto Allegro; Brandt, "Erstes Konzertstück" (cornet); plus selected band and orchestral excerpts. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 44300 Percussion IV - Music Majors (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 44500 Drum Set IV - Music Majors (NLA)

Continued private instruction in drum set with emphasis on style and fluency. Focus on small ensemble performance practices. Processes will include additional transcription studies. May include continued asymmetrical technical studies in Reed and linear playing in Garibaldi. Variations may occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular styles.

Corequisite: PFMJ 19900. (F,S,U,Y)

1-4 Credits

PFMJ 44700-44800 Private Accompanying (NLA)

Private instruction in accompanying. Representative repertoire includes duo sonata literature, French and English art song, German lieder, operatic arias and short scenes, instrumental concerto accompaniment, and 20th-century French literature for brass and woodwinds. Student collaborates with instrumentalists and vocalists from other studios as assigned. This course fulfills the major ensemble requirement for piano performance-collaborative emphasis majors. Course meets one hour per week. Prerequisites: MUEN11700, MUEN11800, MUEN21700, MUEN21800, MUEN41700, and MUEN41800; piano performance-collaborative emphasis major. (F-S,Y)

1 Credit

PFMJ 45100 Voice V - Music Majors (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce." Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 45300 Piano V - Music Majors (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable Credit. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 45500 Organ V - Music Majors (NLA)

Weekly repertoire class is devoted to student performances, church music skills, and organ history and design. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 45700 Harpsichord V - Music Majors (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 45900 Violin V - Music Majors (NLA)

Continuation of all previous technical work. Representative études including Rode, "Caprices"; Gavinies, "Studies"; Paganini, op. 14 and the "24 Caprices." Representative repertoire including concerti by Saint-Saëns, Khachaturian, Tchaikovsky, Sibelius, Vivaldi ("Four Seasons"), and Prokofiev; solo sonatas and partitas by Bach; sonatas by Franck, Copland, Brahms, and Debussy; pieces by Bloch, Vaughan Williams, Stravinsky, and other 20th-century works. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 46100 Viola V - Music Majors (NLA)

Continuation of all previous work; establishing secure technical facility. Flesch, "Scale System"; advanced bowing and left-hand techniques. Viola ensemble. Studies from Fuchs, "Twelve Caprices"; Hermann, "Concert Studies"; Dont, "Études and Caprices," op. 35. Repertoire from Bartók; Walton; Hindemith; Jacob concertos; Vaughan Williams; Bloch and Reger suites; Bach, Violin Sonatas and Partitas; Brahms, sonatas; 20th-century literature. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 46300 Cello V - Music Majors (NLA)

Continued study of scales, etc., as above; Bazelaire arpeggios. Representative études including the above and Paganini-Silva, "12 Caprices," and virtuosic solo pieces. Representative repertoire including suites; sonatas by Bach, Reger, Bloch; concerti by Locatelli, Bach, Beethoven, Brahms, Kodály, Shostakovich; Haydn; Dvorak (from list above); 20th-century pieces. Performance of solo and cello ensemble repertoire. Co-requisite: PFMJ 19900. (F-S)
1-4 Credits

PFMJ 46500 Double Bass V - Music Majors (NLA)

Technique including all scales and arpeggios with bowings and rhythms. Études from all sources previously studied. Solo repertoire from any source including the Cello Suites of Bach, and works from all periods including the 20th century. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 46700 Classical Guitar V - Music Majors (NLA)

Instruction in reading lute and baroque guitar tablatures; transcription of literature for keyboard, violin, cello, etc.; Renaissance and baroque ornamentation and performance practice; reading of figured bass and continuo playing. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 46900 Jazz Guitar V - Music Majors (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc. Emphasis is placed on style periods and idiomatic playing. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 47100 Flute V - Music Majors (NLA)

Representative études including Andersen, "24 Virtuoso Studies," op. 60 and Karg-Elert, "30 Caprices." Orchestral excerpts. Representative repertoire including Berio, "Sequenza"; Bozza, "Image"; Jolivet, "Cinq Incantations"; Bach sonatas; Copland, "Duo"; Griffes, "Poem"; Ibert, Concerto; Muczynski, Sonata; Nielsen, Concerto; and Prokofiev, Sonata. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 47300 Oboe V - Music Majors (NLA)

Repertory class for oboe majors includes the principles of reed making. Co-requisite: PFMJ 19900. (F-S)
1-4 Credits

PFMJ 47500 Clarinet V - Music Majors (NLA)

Concentrated review of every aspect of performance. Representative études including Stark, "24 Grand Virtuoso Studies"; Perier, "Recueil de Sonates"; Starlit, "25 Études de Virtuosité." Representative repertoire includes orchestral studies of Bonade, McGinnis, and Cailliet; Debussy, "Rhapsodie"; Ravel, "Fantasie"; Bartók, "Contrasts"; quintets by Mozart and Brahms; concertos by Copland, Tomasi, and Nielsen. Co-requisite: PFMJ 19900. (F-S)
1-4 Credits

PFMJ 47700 Bassoon V - Music Majors (NLA)

Technique including all scales (100 mm). Continued study of all basic material. Representative études including Milde, "Studies," book 2; Paired, "Method," no. 3; Oubradous, "Method," no. 3. Representative repertoire including Mozart, Bassoon Concerto in B; V. Bruns, Concerto for Bassoon; Etler, Sonata for Bassoon and Piano; Villa-Lobos, "Ciranda das Sete Notas"; symphonies of Beethoven, Brahms, and Tchaikovsky; and "Studio" book. Co-requisite: PFMJ 19900. (F-S)
1-4 Credits

PFMJ 47900 Saxophone V - Music Majors (NLA)

Continued emphasis is placed on technical facility in various keys and modes. Continued study of extended techniques such as multiphonics, altissimo, timbre changes, tonguing effects. Representative repertoire including concertos by Creston, Dahl, Husa, and Tomasi; sonatas by DiPasquale, Denisov, and others; L. Basset, "Music for Saxophone and Piano"; J. Ibert, "Concertino da Camera"; and various chamber works. Co-requisite: PFMJ 19900. (F-S)
1-4 Credits

PFMJ 48100 French Horn V - Music Majors (NLA)

Continued technique of previous years, the study of the 18th- and early 19th-century hand-horn technique. Representative études including Maxime-Alphonse, book 5; Barboteu, "Études Concertantes"; Reynolds, "48 Études" (18, 20, 21, 23, 28, 30, 35, 41). Orchestral excerpts from contemporary repertoire. Representative repertoire including Brahms, Trio; Porter, Sonata; Atterberg, Concerto; Glière, Concerto; Hindemith, Sonata for Alto Horn; Jacob, Concerto; and Schumann, Adagio and Allegro. Co-requisite: PFMJ 19900. (F-S)
1-4 Credits

PFMJ 48300 Trumpet V - Music Majors (NLA)

Summary of tonal and technical development. Pettit, "La Semaine du Virtuoso"; Nagel, "Speed Studies"; études from Chartier, "36 Études Transcendantes," and Broiles, "Studies and Duets." Orchestral studies from volumes VI and VII; tone poems of Strauss (Rossbach) and operas of Wagner (Hoechne); and Pietzsch, "Die Trompete." Solo repertoire includes the Chaynes or Tomasi concertos; Corelli, Concerto in D; Hummel, Concerto; and Hindemith, Sonata. Graduate should be capable of a shared recital. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 48500 Tenor Trombone V - Music Majors (NLA)

Concentrated study of Bach's Cello Suites as études for musical development; coaching of traditional orchestral excerpts. Introduction to less traditional solo repertoire by Berio, Bernstein, Bassett, Druckman, Cox, Eakin, Krol, Loetsier, and Schiffman. Preparation of a senior recital must include a major work, such as Hindemith, Krol, or Dutilleux. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 48700 Bass Trombone V - Music Majors (NLA)

Concentrated study of Bach's Cello Suites as études for musical development; coaching of traditional orchestral excerpts. Introduction to less traditional solo repertoire by Hartley, Ross, and Muller. Preparation of a senior recital must include a major work, such as the "George" Concerto. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 48900 Euphonium V - Music Majors (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone" (continued technical materials); St. Jacome, "Cornet Method," velocity and other studies. Continuation of all scales and arpeggios, articulations, including double- and triple-tongue. Representative études including St. Jacome, "Cornet Method," selected études; Smith, "Top Tones for the Trumpeter"; Charlier, "36 Études Transcendantes" (trumpet); Rochut, "Melodious Études" (trombone, book 3). Representative repertoire including Boccalari, "Fantasia di Concerto"; Fitzgerald, Concerto in A-flat Minor; Sowerby, Sonata for Trumpet; Strauss, Concerto for Horn; Bozza, "Prelude et Allegro"; Baret, "Morceau de Concours"; plus selected band excerpts. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 49100 Tuba V - Music Majors (NLA)

Technique including W. Bell, "Tuba Warmups" (part 2); Blazeovich, "Advanced Daily Drills"; continued use of Arban materials. Continuation of all scales and arpeggios from memory, all articulations, including double- and triple-tongue. H. L. Clarke, "Technical Studies" (Series II, cornet). Representative études including Smith, "Top Tunes for the Trumpeter"; Charlier, "6 Études Transcendantes" (trumpet); Saint-Jacome, "Twelve Grand Artistic Studies" (cornet); Rochut, "Melodious Études" (book 3, trombone); Blazeovich, "70 Études for BB-flat Tuba." Representative repertoire including Le Clercq, Concertino; Boccalari, "Fantasia di Concerto"; Hindemith, Sonata; Williams, Concerto; Levedev, Concerto Allegro; Brandt, "Erstes Konzertstück" (cornet); plus selected band and orchestral excerpts. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 49300 Percussion V - Music Majors (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 49500 Electric Bass V - Music Majors (NLA)

Soloing; modes and altered scales for improvisation; more advanced substitute chord changes; blues progressions and altered chord changes; longer duration chord changes; patterns and arpeggios; harmonic cycles; standard introduction and endings. Co-requisite: PFMJ 19900.

1-4 Credits

Performance-Secondary (PFSM)

PFSM 10100-10200 Class Voice (NLA)

Small classes in voice to develop an understanding of the vocal mechanism and the application of sound principles of breath control and vowel placement. Primarily for the non-voice major who will be dealing with voices and choral groups in public school and community positions. (F-S)

1 Credit

PFSM 10900 Class Violin I (NLA)

Proper position (holding); all major scales and arpeggios in first position; various exercises using martelé, staccato, spiccato at the frog, slurred, and legato bowings. Introduction of positions, including exercises in shifting; vibrato; ability to play the first three Bach minuets, the second using an alternate third-position fingering. (F)

1 Credit

PFSM 11000 Class Violin II (NLA)

Continuation of PFSM 10900, including spiccato in the middle of the bow. Some small ensemble playing, including violin duets and trios, and some using the viola. (Advanced classes include a more detailed study of the viola, instruction given in proper fingering, and bowing of string music.) Special effects, such as harmonics and ponticello. Discussion of string teaching techniques and method books. Prerequisite: PFSM 10900. (S)

1 Credit

PFSM 11200 Class Viola (NLA)

Instruction in correct positions (holding, posture, left hand, right hand) using all major scales and arpeggios in first position with various bowings (slurred, détaché, martelé, spiccato). Introduction to shifting, positions, vibrato, and three-octave scales. Selected études from Wolfhart, books I and II. Strong emphasis is placed on comprehension of principles of viola playing (includes fluency in reading alto clef) and on teaching techniques. (S)

1 Credit

PFSM 11300 Class Cello I (NLA)

Technique including seating, natural left- and right-hand position, shifting, basic bowing strokes, position studies through fourth position, and appropriate scales, arpeggios, and pieces. Modern fingering and bowing principles stressed. Representative books including Margaret Rowell, "Prelude to String Playing," and Dotzauer, "Violoncello Method" (vol. I). Playing by ear. Care of instrument. (F)

1 Credit

PFSM 11400 Class Cello II (NLA)

Continuation of PFSM 11300 and more advanced bowings including spiccato. Thumb position and vibrato stressed along with playing by ear. Representative books, including Dotzauer, "Violoncello Method" (vol. II), and pieces. Verbal emphasis for improved teacher communication. Light repair of instrument. Discussion of teaching techniques and method books. Prerequisite: PFSM 11300. (S)

1 Credit

PFSM 11500 Class Double Bass (NLA)

Technique to include seven positions, scales and arpeggios, use of German and French bows, exercises in common bowings, and representative études including Simandl, "New Method for Double Bass" (part I). Excerpts from orchestral literature. (F)

1 Credit

PFSM 11700 Class Guitar (NLA)

One-semester course, available after completion of prerequisite piano, mainly for piano and voice majors who wish to use guitar for classroom teaching. Basic and intermediate classic and folk guitar techniques including complete fingerboard, simple chords in first position, ascending and descending ligado, second and third positions, and accompanying school basal series pieces. (F-S)

1 Credit

PFSM 12100 Class Flute (NLA)

Technique including study of basic concepts of good tone production, embouchure, flexibility, simple tonguing, hand and body positions, and simple care of the instrument. Chromatic scales from C1 to B3, major scales in five-note patterns through three sharps and three flats; octaves, interval studies; long-tone studies with dynamics; simple articulations. Representative études including Rubank, "Beginning Method." Representative literature including Rubank, "Selected Duets" (vol. I); various reading assignments including Edwin Putnik, "Flute Pedagogy and Performance"; Fredrick Wilkins, "Flutists' Guide"; Westphal, "Guide to Teaching Woodwinds." (F-S)

1 Credit

PFSM 12300 Class Oboe (NLA)

Summary of playing technique (fingerings, blowing, and embouchure) with application in long tones and slow scales. Care of the instrument and the reed, treatment of other instruments in the oboe family, solo and chamber music literature, instrument makes, principles of reed making and mechanical adjustments. Pedagogical problems are treated in conjunction with a discussion of various étude books and methods in use today. All students will use a reed of their own making at the final playing examination. (F-S)

1 Credit

PFSM 12500 Class Clarinet (NLA)

Discussion of correct posture, breathing, embouchure, hand position, finger motion, and articulation in terms of starting a young beginner. Emphasis is placed on developing a full, resonant, clear, mellow sound; establishing consistent results; achieving clean articulation. Mention of problems commonly encountered in teaching and playing; noting error, resulting effect, and correction. Information on instrument, mouthpiece, and reed selection and care. Survey of instructional materials for beginning and intermediate levels. Performance includes chromatic scale from low E to high E in slurred eighth notes at mm 72; all major and minor scales (two octaves) through four flats and four sharps; representative études from Whistler (ed.), "Klose-Lazarus Method." Selected material from level I of clarinet majors includes Bonade's "Clarinetist's Compendium." (F-S)

1 Credit

PFSM 12700 Class Bassoon (NLA)

Technique including care of instrument (nomenclature, assembly, and maintenance). Fundamentals (standing, sitting position, embouchure, hand positions, correct sound, fingerings, and intonation problems). Representative études including Gekeler, "Method," "Easy Steps," "Breeze-Easy Method"; Rubank, books I, II, III; J. Weissenborn, books I, II. Representative repertoire including Telemann, Sonata in F Minor; Burdill Phillips, "Concert Piece"; J. Weissenborn, "Capriccio"; E. Siennicki, "Ballade for Bassoon" and "Concert Studies"; Claude S. Kessler, "Bassoon Passages"; Vincenzo Pezzi. Work of Tchaikovsky. (F-S)

1 Credit

PFSM 12900 Class Saxophone (NLA)

Fundamentals of saxophone technique including handling, care, and assembly; hand and body position; basic embouchure and tone production; basic articulation; alternate fingerings; instrument, mouthpiece, and reed selection; vibrato; and two-octave range. Techniques of playing and teaching are emphasized, including observation, analysis, and prescription of peer problems. Materials to include L. Teal, "The Art of Saxophone Playing"; S. Mauk and L. Teal, "A Class Method for Saxophone"; various handouts. (F-S)

0.5 Credit

PFSM 13100 Class Horn (NLA)

Emphasis is placed on embouchure development and breath control. Technique including all major scales, tongued and slurred, within the two-octave range G to C2; lip slurs. Performance from Pottag-Hovey, "French Horn Method," book I, including selected studies in E-flat horn. (F-S)

0.5 Credit

PFSM 13300 Class Trumpet (NLA)

Principles of embouchure formation, position, articulation, and the control of air to produce the characteristic tone of the trumpet and cornet. Discussion of and reference to standard study and solo material and pedagogical techniques. Technique to include major scales and their relative minors through five sharps and flats, one octave in quarters and eighths at mm 72; ability to demonstrate C transposition; methods of effecting the lip slur; and multiple articulations. Material to include Beeler, "Method for Cornet"; Farkas, "Art of Brass Playing"; and Rassmussen, "Teacher's Guide to the Literature of Brass Instruments." 0.(F-S)

0.5-1 Credits

PFSM 13500 Class Trombone (NLA)

Designed to develop both playing ability and pedagogical competence for prospective teachers. Reference to standard study and solo literature. Special attention to the acoustical and physiological characteristics of the brass family as applied to the slide trombone. Discussion of the F attachment and bass trombone. Technique including major and relative minor scales through five flats and sharps, mm 72 in quarters and eighths. Beeler, "Method for Trombone." (F-S)

0.5 Credit

PFSM 13700 Class Euphonium (NLA)

Function of the tuba, baritone, and euphonium in band, orchestra, and ensemble, with demonstration of musical examples from the literature. The various keys and types of instruments, and uses for which each is best suited. Survey of tuba and baritone pedagogical materials and techniques, with emphasis placed on establishment of an effective and well-balanced daily practice routine. Representative solos from tuba and baritone repertory. Development of satisfactory tone production and articulation. Playing of major and minor scales and chords, one octave, eighth notes at mm 72, through five sharps and flats. Acquaintance with the intonation problems of the instruments studied and the techniques available for their correction. Development of adequate technique for performance of études and solos of medium difficulty. Farkas, "Art of Brass Playing"; Bell, "Tuba Warmups" (book I); Arban's "Bass Clef," complete method. (F).

0.5 Credit

PFSM 13900 Class Tuba (NLA)

Function of the tuba, baritone, and euphonium in band, orchestra, and ensemble, with demonstration of musical examples from the literature. The various keys and types of instruments, and uses for which each is best suited. Survey of tuba and baritone pedagogical materials and techniques, with emphasis placed on establishment of an effective and well-balanced daily practice routine. Representative solos from tuba and baritone repertory. Development of satisfactory tone production and articulation. Playing of major and minor scales and chords, one octave, eighth notes at mm 72, through five sharps and flats. Acquaintance with the intonation problems of the instruments studied and the techniques available for their correction. Development of adequate technique for performance of études and solos of medium difficulty. Farkas, "Art of Brass Playing"; Bell, "Tuba Warmups" (book I); Arban's "Bass Clef," complete method. (F).

0.5 Credit

PFSM 14100 Percussion Class (NLA)

Orchestral and rudimentary snare drumming with like-hand and traditional hand holds. Standard rudimentary drum literature, teaching methods, and techniques for all percussive instruments. Maintenance and repair of instruments. Class meetings: Two hours per week. (F-S)

1 Credit

PFSM 16100 Class Recorder (NLA)

Basic techniques include breath support, fingerings, and articulations on soprano and alto recorders. Ensemble playing begins immediately with emphasis placed on music suitable for classroom situations in schools, followed by a brief survey of recorder literature from all historical periods along with folk music arrangements. (F-S)

1 Credit

PFSM 17100 Keyboard Musicianship I (NLA)

An introduction to fundamentals of keyboard musicianship. Skill emphasis is placed on grand staff reading, techniques, repertoire, sight-reading, diatonic harmonization, transposition, improvisation, and playing by ear. Designed for the non-pianist music major. Placement by audition only. (F-S)

1 Credit

PFSM 17200 Keyboard Musicianship II (NLA)

The continuation of keyboard skills developed in PFSM 17100. Additional emphasis is placed on harmonization, including secondary harmonies using a variety of accompanimental styles, lead line notation, open score reading, ensemble, and accompanying skills. Prerequisites: PFSM 17100 or by audition. (F-S)

1 Credit

PFSM 17500 Keyboard Musicianship I - Keyboard Majors (NLA)

The introduction and development of functional keyboard skills including sight-reading, score analysis, performing chord progressions, harmonization of melodies utilizing diatonic triads, seventh chords and secondary dominants; transposition of single lines and simple keyboard textures up to the interval of major/ minor third; playing of choral open score and the development of basic choral accompanying skills; playing by ear; and performing ensemble literature for multiple keyboards. Course is required of all keyboard majors and composition-keyboard emphasis students. Open to others by audition only. (F)

1 Credit

PFSM 17600 Keyboard Musicianship II - Keyboard Majors (NLA)

Continuation of developing functional keyboard skills including sight-reading, alto and tenor clef reading, and performing chord progressions and harmonization of melodies utilizing chromatic harmony; instrumental transposition; performing from instrumental open score; and an introduction to figured bass realization. Course is required of all keyboard majors and composition-keyboard emphasis students. Prerequisites: PFSM 17500 or by audition. (S)

1 Credit

PFSM 24700 String Class (NLA)

A course in the basic strategies of teaching and playing string instruments, with particular emphasis placed on development of beginners. Also included is a survey of materials useful in teaching these instruments. Class meetings: Two hours per week for one semester. (F-S)

1 Credit

PFSM 27100 Keyboard Musicianship III - Vocal Performance Majors (NLA)

A continuation of skills developed in PFSM 17200. Emphasis is placed on developing technical facility and keyboard skills appropriate for a vocal performance major such as playing vocal open score and solo or choral accompaniments. Prerequisites: PFSM 17200. (F,S,Y)

1 Credit

PFSM 27200 Keyboard Musicianship IV - Vocal Performance Majors (NLA)

A continuation of skills developed in PFSM 27100. Emphasis is placed on developing technical facility and keyboard skills appropriate for a vocal performance major such as playing vocal open score and solo or choral accompaniments. Prerequisites: PFSM 27100. (F,S,Y)

1 Credit

PFSM 27300 Keyboard Musicianship III - Vocal Music Education Majors (NLA)

The continuation of skills developed in PFSM 17200. Emphasis is placed on developing technical facility and keyboard skills appropriate for a vocal music education major such as using the piano in a classroom setting and preparing and performing vocal or choral accompaniments. Prerequisites: PFSM 17200. (F,S,Y)

1 Credit

PFSM 27400 Keyboard Musicianship IV - Vocal Music Education Majors (NLA)

A continuation of skills developed in PFSM 27300. Emphasis is placed on developing technical facility and keyboard skills appropriate for a vocal music education major such as using the piano in a classroom setting and preparing and performing vocal or choral accompaniments. Prerequisites: PFSM 27300. (F,S,Y)

1 Credit

PFSM 34900 Woodwind Class (NLA)

A course in the basic strategies of teaching and playing woodwind instruments, with particular emphasis placed on the development of beginners. Also included is a survey of materials useful in teaching these instruments. Class meeting: Two hours per week. (F-S)

1 Credit

PFSM 35100 Brass Class (NLA)

A course in the basic strategies of teaching and playing brass instruments, with particular emphasis placed on the development of beginners. Also included is a survey of materials useful in teaching these instruments. Class meetings: Two hours per week. (F-S)

1 Credit

Philosophy (PHIL)

PHIL 10100 Introduction to Philosophy (LA)

Introduction to philosophy that focuses on perennial philosophical problems, such as the relation of the mind to the body, the possibility of truth and objectivity, the purpose of human life, and the existence of God, utilizing classical, modern, or contemporary works. (F,S,Y)

Attributes: HM, HU, LMSP, LSCQ, TIDE, TMBS

3 Credits

PHIL 10200 Introduction to Philosophy: Greek Foundations (LA)

Introduction to philosophy through the study of Greek thought as the foundation of the Western philosophical tradition. Covers the pre-Socratics, Plato, and Aristotle. (IRR)

Attributes: CSA, HM, HU, TIII

3 Credits

PHIL 15100 Reasoning (LA)

An introduction to the techniques of organized thinking. The course focuses on three areas: (1) the analysis and evaluation of passages that contain reasoning; (2) the fundamentals of logic; and (3) problem solving by deduction. The first two areas serve to increase the student's comprehension of argumentative discourse. The third involves the marshaling of facts and data to arrive at conclusions. (F-S,Y)

Attributes: HU, LMSP, LSCQ

3 Credits

PHIL 17500-17505 Selected Topics in Philosophy (LA)

Topics to be determined according to teacher and student interest. (IRR)

Attributes: 1, HU

3 Credits

PHIL 20100 Plato and Aristotle (LA)

Study of selected texts and ideas of the founders of classical Western philosophy. Texts include selected dialogues of Plato and selections from Aristotle's writings, including the "Metaphysics" and "Nichomachean Ethics." Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (IRR)

Attributes: CSA, HU

3 Credits

PHIL 20300 Introduction to Logic (LA)

An introductory treatment of contemporary symbolic logic. Topics include argument structure, validity/invalidity, and soundness and unsoundness, truth-tables, and an exploration of elementary propositional logic including truth-functions and formal proofs. Time-permitting, some elementary quantificational logic may be covered. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (F,S,Y)

Attributes: ESTS, HM, LMEL, LMSP, LSCQ, NS, QL, TIII, TWOS

3 Credits

PHIL 20400 Choosing Wisely: An Introduction to Rational Choice (LA)

An introduction to rational choice theory, a theory that proposes rules that prescribe how individuals ought to behave so as to best satisfy their preferences. Special attention is paid to representing preferences numerically and using that formal representation to determine which action among a set of possible actions should be chosen. Applications include uses of probability and decision theory in epistemology, the philosophy of religion, and ethics. Some applications outside of philosophy are discussed as well, including economics, voting theory, and biology. General topics covered include probability, decision theory, game theory, and social choice. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (F,S,Y)

Attributes: NS, QL

3 Credits

PHIL 21200 Introduction to Ethics (LA)

Introduction to the problems and theories of normative thinking. Is there a right thing to do, and how can we tell what it is? Contemporary moral issues, such as abortion, capital punishment, discrimination, war, aid to the needy, require us to reflect carefully on fundamental topics in ethics, including rights, human dignity, responsibility, and the value of life. Readings selected from both classical and modern sources.

Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (Y)

Attributes: HM, HU, LMEL, LMSP, LSCQ, TIDE

3 Credits

PHIL 22000 Political Philosophy (LA)

Introduction to the central questions of political philosophy. Topics include the disputed necessity of a political authority; various attempts to justify a political obligation to comply with the demands of the state; an examination of the merits and weaknesses of democracy as a legitimate form of governing; the proper scope of a right to liberty within a democratic society; and questions of distributive justice, including the justice of redistribution of wealth to rectify large social inequities.

Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (IRR)

Attributes: HM, HU, LMEL, LMSP, LSCQ, TPJ

3 Credits

PHIL 22300 Introduction to the Philosophy of Art (LA)

Analysis of the problem of defining art, examination of criteria used to evaluate artworks, illustration of Langer's principles of art, and consideration of avant-garde and Marxist views of art. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (IRR)
Attributes: HM, HU, TIII
3 Credits

PHIL 22500 Science and Pseudoscience (LA)

Examination of selected issues concerning scientific methodology and the demarcation of genuine science from phony science (pseudoscience). Issues include the role of observational evidence in confirmation and disconfirmation of scientific hypotheses, properties a hypothesis must have to be empirical and therefore refutable, and the ways scientific explanation differs from nonscientific explanations. Students learn how to distinguish legitimate science from nonscientific belief systems that attempt to pass as science in the eyes of the public. Prerequisites: Sophomore standing, or permission of instructor. (IRR)
Attributes: ENHU, ESHU, HU
3 Credits

PHIL 23000 Bioethics (LA)

Bioethics focuses on moral questions about life, human and non-human. It explores the reasoning and moral principles at stake in medical decisions, including, for example, abortion, euthanasia, medical experimentation, and distribution of health care. The moral dimensions of broader life issues, such as cloning and reproductive technology, are also relevant. Such practical topics in bioethics force us to reflect on fundamental ethical matters, including the nature of morality, rights, and the value of life. Prerequisites: Sophomore standing, or permission of instructor. (F,S)
Attributes: ENHU, ESHU, HM, LMEL, LMSP, LSCO, TMBS
3 Credits

PHIL 24000 Philosophy in Film (LA)

Exploration of various philosophical issues conveyed in film. The course uses the narratives in film to illustrate various philosophical issues and offers philosophical reflection as an interpretive medium to understand films. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (IRR)
Attributes: 1, ENHU, ESHU, HU, MAP, SCE
3 Credits

PHIL 25200 Environmental Ethics (LA)

A critical examination of various moral problems raised when considering environmental issues. Questions regarding the moral status of animals, future generations, and the environment as a whole are explored. Also taken up are the moral aspects of famine relief, population control, and resource use. These issues and others generate challenging and fundamental questions of moral philosophy: What is the basis of obligation? Do animals have rights? What does it mean to say something is intrinsically valuable? Students cannot receive credit for both this course and ENVS 25200. Prerequisite: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENVS, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST. (Y)
Attributes: ABSS, HM, TPJ, TQSF
3 Credits

PHIL 26000 Difference and Community (LA)

Individuals sometimes find themselves at odds with the larger community, as do minority groups whose ways of life are unfamiliar or alarming to those in the majority. How should we balance the often competing demands of individuals, groups, and the larger community? What sort of community, if any, is possible despite our individual and group differences? To answer questions such as these, this course will examine philosophical debates over individual liberty, toleration, and multiculturalism. Prerequisite: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (F,O)
Attributes: HM, HU, TIDE, TPJ
3 Credits

PHIL 26500 Philosophical Problems in Law (LA)

Examination and evaluation of basic practices and principles of law, focusing on such topics as the nature and extent of legal authority, the interpretation of law, and the justification of punishment, including capital punishment. Examination of prominent legal cases and their underlying principles. Emphasis is placed on philosophical analysis and moral evaluation. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (Y)
Attributes: HM, HU, TPJ
3 Credits

PHIL 27500-27503 Selected Topics in Philosophy (LA)

Topics to be determined according to teacher and student interest. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (IRR)
Attributes: 1, HU
3 Credits

PHIL 27504 ST: Philosophy (LA)

Topics to be determined according to teacher and student interest. Prerequisites: Sophomore standing, or permission of instructor. (IRR)
Attributes: 1, HU
3 Credits

PHIL 27505 Selected Topics in Philosophy (LA)

Topics to be determined according to teacher and student interest. Prerequisites: Sophomore standing, or permission of instructor. (IRR)
Attributes: 1, HU
3 Credits

PHIL 28300 Introduction to Buddhism (LA)

Study of the life and teachings of the historical Buddha, development of Theravada, Mahayana, and Vajrayana traditions in Asia and their globalization in the contemporary world, utilizing both classic and contemporary texts. Students may not receive credit for this course and RLST 28300. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (E)
Attributes: G, H, INBG
3 Credits

PHIL 28600 Philosophy and Literature (LA)

Explores philosophical issues related to literary fiction and focuses on philosophical questions related to literary discourse. Questions range from 'Do fictional entities exist?' and 'How is it possible to be emotionally moved by fictional events and characters?' to 'How do metaphors work?' and 'Who are the genuine authors of literary texts?' Prerequisites: WRTG 10600 or ICSM 10800 or ICSM 11800; sophomore standing. (IRR)
Attributes: WI
3 Credits

PHIL 30100 God, Self, World: Seventeenth Century Philosophy (LA)

Study of early British empiricism and continental rationalism with an emphasis on the works of Descartes, Spinoza, and Leibniz. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU
3 Credits

PHIL 30200 Perception, Causation, and the Limits of Human Reason: Eighteenth-Century Philosophy (LA)

Study of Locke, Berkeley, Hume, and Kant. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU
3 Credits

PHIL 31100 Philosophy of Religion (LA)

Study and discussion of a broad range of issues in the philosophy of religion, such as religious epistemology, the ontological argument, the cosmological argument, the teleological argument, religion and science, and the problem of evil. Primary source readings. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU, LMSP
3 Credits

PHIL 31300 Marxist Philosophy (LA)

Analysis of the basic elements of Marx's philosophy: dialectical materialism, economic determinism, ethical relativism, ideology and science, and the thesis of class struggle and exploitation. Examines how these concepts might be applied to contemporary capitalist development. Seminar. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU
3 Credits

PHIL 32100 Intermediate Logic (LA)

Topics include a review of propositional logic, first-order quantificational logic including relations and identity, and elementary logical metatheory for both propositional logic and basic first-order logic, including soundness and completeness proofs. The Incompleteness of higher first-order logics is presented conceptually but without formal proof techniques. Prerequisites: PHIL 20300 or MATH 27000. (IRR)
Attributes: NS
3 Credits

PHIL 32600 Seminar in Aesthetics (LA)

Examination of traditional and contemporary aesthetic concepts such as empathy, psychic distance, the beautiful and the sublime, and expressive form, with special attention to the nature of aesthetic responsiveness and judgment, and the kind of meaning to be found in art. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU
3 Credits

PHIL 33000 The Good Life (LA)

This course examines one of the oldest and most compelling questions of all time: What is a good life? We all want good lives and we all strive to achieve good lives, but despite the overriding importance of the question, we give little reflective thought to what a good life might be. Is there one particular form that a life must exemplify in order to be good, or are there many kinds of good lives? Is judging a life to be good sufficient for it to be good, or is this the sort of thing one can get wrong? The course will consider what great thinkers – classical, modern, and contemporary – have written on this issue. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU
3 Credits

PHIL 34000 Global Ethics (LA)

The course surveys significant ethical challenges that are global in scope: Are there such things as universal human rights, or is morality ultimately relative to one's particular culture? What, if any, duties do we have to the global environment? What is the difference between a just and unjust war, and between just and unjust ways of combating terrorism? Morally speaking, what can be said in defense of economic globalization, and against it? Are global inequalities in wealth morally defensible? Prerequisites: At least one 20000-level PHIL course or permission of instructor. (F, E)
Attributes: HU, INBG, LMEL, LMSP, LSCO
3 Credits

PHIL 34800 Epistemology: Theories of Knowledge and Justified Belief (LA)

Philosophical study of knowledge and justified belief, with an emphasis on how these are possible in the face of skeptical threats. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU
3 Credits

PHIL 35000 Philosophy of Science (LA)

A comprehensive survey of issues in the philosophical foundations of science. Topics include the structure and function of scientific theories; the dispute over the existence or nonexistence of theoretical entities; reductionism and antireductionism; laws of nature and models of scientific explanation; Kuhn and historicist models of science; the realism/antirealism dispute over the philosophical implications of scientific theories. Prerequisites: PHIL 20300 or permission of instructor. (IRR)
Attributes: HU
3 Credits

PHIL 35200 Moral Philosophy (LA)

Critical exploration of foundational issues in metaethics and normative ethical theory. Topics for consideration include moral relativism, moral realism, and morality and self-interest, along with utilitarian, deontological, natural law, and contractarian theories of ethics. Moral concepts such as rights, duty, and value will also be considered. Readings will be from both classical and contemporary sources. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU, LMEL, LMSP, LSCO
3 Credits

PHIL 35500 Metaphysics (LA)

Metaphysics is the philosophical investigation into the ultimate nature of reality. This course examines issues and answers in traditional and contemporary metaphysics. Topics include personal identity, causality, determinism, essence and accident, mind and matter, and the nature of God. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)

Attributes: 1, HU

3 Credits

PHIL 36000 Philosophy of Mind (LA)

The distinctive feature of human beings that traditionally has been held to separate us from the rest of the universe is our supposed possession of a special thing/capacity called "mind." In this course we investigate what kind of thing (or non-thing) the mind is, what relation it has to bodily behavior, and how and why the mind has the extraordinary ability to represent the world truly or falsely. Topics include such questions as, Is the mind physical or non-physical? What is a mental state? What kinds of beings can possess minds? Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)

Attributes: 1, HU

3 Credits

PHIL 36200 Philosophy of Language (LA)

Investigation of philosophical questions concerning linguistic representation, particularly concerning the meanings of names, definite descriptions, and sentences, and how those linguistic expressions acquire their meanings. Further topics include whether metaphors have meaning, whether meaning is subjective or public, and whether representation is the only function of language. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)

3 Credits

PHIL 37500-37510 Selected Topics in Philosophy (LA)

Topics to be determined according to student and teacher interest, with primary focus on a problem or a person. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)

Attributes: HU

1-4 Credits

PHIL 38100 Nineteenth-Century Philosophy (LA)

Major philosophical movements in the 19th century. Emphasis is placed on selections from the works of Hegel, Mill, Marx, Kierkegaard, and Nietzsche. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)

Attributes: HU

3 Credits

PHIL 38200 Language, Mind, and Meaning: Themes in Twentieth Century Philosophy (LA)

Investigates the main trends and concerns of 20th century analytic philosophy. Readings will be from important works in logical positivism, the philosophy of the later Wittgenstein, and recent varieties of pragmatism and naturalism. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)

Attributes: HU

3 Credits

PHIL 38300 Tradition, Interpretation, and Authority: Themes in Twentieth Century Philosophy (LA)

Examines some of the key debates among the key figures in 20th century European philosophy concerned with the problems of intellectual and political authority, the effectiveness and limits of interpretation in preserving, re-directing, or subverting authority, as well as the historically formed nature of institutions and social practices charged with maintaining the integrity of responsible and authoritative intellectual discourse. Focuses particularly on the work of Derrida, Gadamer, and Habermas. Prerequisites: one 200-level course in philosophy, or permission of instructor. (IRR)

Attributes: GERM, HU

3 Credits

PHIL 38400 Existentialism (LA)

In-depth philosophical analysis of concepts such as authenticity, the meaning of life, freedom of choice, responsibility, and mortality in the works of 20th-century existentialist thinkers such as Heidegger, Sartre, and Camus, and their 19th-century precursors such as Nietzsche, Dostoevsky, and Kierkegaard. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)

Attributes: GERM, HU

3 Credits

PHIL 39100-39101 Independent Study: Philosophy (LA)

Study or research project of the student's own devising. Minimal consultation with professor; final projects evaluated by professor. Offered on demand only. May be repeated for credit for different projects. Prerequisites: At least one 20000-level PHIL course and permission of instructor. (IRR)

Attributes: UND

1-4 Credits

PHIL 39300-39301 Tutorial in Philosophy (LA)

Work by student and teacher on a problem or project of interest to both. Prerequisites: At least one 20000-level PHIL course and permission of instructor. (IRR)

Attributes: UND

1-4 Credits

PHIL 41000 Philosophy Capstone Seminar (LA)

Serves as the capstone for philosophy majors and minors. Synthesizes students' experience in the program by having students apply the philosophical skills they have acquired in previous classes to a faculty-guided, largely independent research project on a prominent philosophical position, movement, or debate. Facilitates student reflection on achievements in both the major/minor and the Integrative Core Curriculum, and how these relate to personal intellectual formation while at Ithaca College. Prerequisites: WRTG 10600 or ICSM 108xx or ICSM 118xx; senior standing; restricted to philosophy majors, philosophy-religion majors, philosophy minors. (S,Y)

Attributes: CP, HU, WI

3 Credits

PHIL 49100-49101 Independent Study: Philosophy (LA)

Study or research project of the student's own devising. Minimal consultation with professor; final projects evaluated by professor. Offered on demand only. May be repeated for credit for different projects. Prerequisites: At least one 30000-level PHIL course and permission of instructor. (IRR)

Attributes: UND

1-4 Credits

PHIL 49300-49301 Tutorial in Philosophy (LA)

Work by student and teacher on a problem or project of interest to both.

Prerequisites: At least one 30000-level PHIL course and permission of instructor. (IRR)

Attributes: UND

1-4 Credits

PHIL 49500-49501 Philosophy Seminar (LA)

Small group study of a topic not otherwise offered in the curriculum or not offered at the same level. May be repeated for credit. Prerequisites: At least one 30000-level PHIL course and permission of instructor. (IRR)

Attributes: HU

1-4 Credits

Phys Activity, Leis & Safety (PALS)

PALS 00070 Women's Intercollegiate Varsity Basketball (NLA)

0-0.5 Credits

PALS 00073 Womens Intercollegiate Varsity Gymnastics (NLA)

Students participating on an intercollegiate athletic team can register online for intercollegiate athletic course credit. Students who do not make the team or who discontinue participation for any reason must drop or withdraw from the course online. Intercollegiate athletic courses are offered on a pass/fail basis only. Credit is granted either in the fall or the spring for any given sport. No late requests for credit will be honored. (S)

0-0.5 Credits

PALS 00074 Women's Intercollegiate Varsity Lacrosse (NLA)

0-0.5 Credits

PALS 00075 Women's Intercollegiate Varsity Softball (NLA)

0-0.5 Credits

PALS 00076 Women's Intercollegiate Varsity Swimming (NLA)

0-0.5 Credits

PALS 00077 Women's Intercollegiate Varsity Tennis (NLA)

0-0.5 Credits

PALS 00078 Women's Intercollegiate Varsity Volleyball (NLA)

0-0.5 Credits

PALS 00079 Women's Intercollegiate Varsity Field Hockey (NLA)

0-0.5 Credits

PALS 00081 Men's Intercollegiate Varsity Football (NLA)

0-0.5 Credits

PALS 00082 Men's Intercollegiate Varsity Soccer (NLA)

0-0.5 Credits

PALS 00083 Women's Intercollegiate Varsity Soccer (NLA)

0-0.5 Credits

PALS 00084 Men's Intercollegiate Varsity Cross-Country (NLA)

0-0.5 Credits

PALS 00086 Women's Intercollegiate Varsity Track and Field (NLA)

0-0.5 Credits

PALS 00091 Men's Intercollegiate Varsity Baseball (NLA)

0-0.5 Credits

PALS 00092 Intercollegiate Varsity Crew (NLA)

0-0.5 Credits

PALS 00094 Men's Intercollegiate Varsity Lacrosse (NLA)

0-0.5 Credits

PALS 00095 Men's Intercollegiate Varsity Tennis (NLA)

0-0.5 Credits

PALS 00096 Men's Intercollegiate Varsity Track and Field (NLA)

0-0.5 Credits

PALS 00097 Men's Intercollegiate Varsity Wrestling (NLA)

0-0.5 Credits

PALS 00098 Men's Intercollegiate Varsity Basketball (NLA)

0-0.5 Credits

PALS 00099 Men's Intercollegiate Varsity Swimming (NLA)

0-0.5 Credits

PALS 00200 Basic Swimming (NLA)

For the person who cannot swim or who can swim but wants to improve his or her strokes. Covered are the front and back crawl, elementary backstroke, breaststroke, butterfly, and sidestroke. Elementary forms of rescue are also taught. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 00400 Scuba Diving (NLA)

Covers the use of fins, mask, and snorkel. Donning and ditching of the skin-diving equipment is required before going on to scuba. In scuba, rigging of the tank, taking pressure readings, buddy breathing, entries off the deck, and ditching and donning of scuba equipment are all covered. On the last day of diving, an obstacle course involving all learned skills must be negotiated. During the course, the physiology of diving and the physics of scuba will also be covered. Prerequisites: Ability to (1) swim underwater 60 feet, (2) hold breath on bottom 30 seconds, (3) surface-dive to bottom and recover a 10-pound block, (4) tread water for 30 seconds, (5) swim 10 laps (250 yards) nonstop, (6) support a victim for 5 minutes, and (7) stay afloat for 10 minutes. Pass/fail only. (IRR)

0.5 Credit

PALS 00500 Introductory Scuba Diving and Certified Scuba (NLA)

Preparation for the safe and enjoyable recreation of underwater diving. Scuba equipment is furnished. The National Aquatic School program designed for colleges is used. Successful completion of classroom, pool, and open-water sessions results in lifetime international certification. Special conditions: An extra fee is charged for this course. Students are required to complete a medical form at the first class meeting. Prerequisites: Basic swimming proficiency; signed parental or guardian's release and indemnity agreement for students under 18 years of age. Pass/fail only. (F-S,Y)

1 Credit

PALS 00600 Community Water Safety (NLA)

Participants become familiar with the potential hazards of water activities. They learn to prevent accidents and to respond effectively if an accident does occur. A swimming test is required. Pass/fail only. (IRR)

0.5 Credit

PALS 00800 Lifeguarding (NLA)

The duties and responsibilities of a lifeguard and how to carry them out; lifeguarding techniques, such as how to tow or carry a victim to safety, manage a suspected spinal injury in the water, and use rescue equipment to help rescue a distressed or drowning victim. American Red Cross first aid and basic life support CPR are included in this course. To enroll in this course, a student must successfully complete a 500-yard swim, dive to 9 feet, swim underwater 15 yards, and tread water for one minute at the first meeting. Pass/fail only. (F-S,Y)

2 Credits

PALS 00810 Lifeguarding Recertification (NLA)

A review and update of the knowledge and skills required for recertification in lifeguarding. Covers lifeguarding techniques such as how to use rescue equipment to tow a victim to safety and how to manage a suspected spinal injury in water. Students demonstrate their ability to become recertified in the American Red Cross lifeguarding program. Maybe repeated once for credit. Prerequisites: Current American Red Cross lifeguarding and CPR for the professional rescuer certificates. Pass/fail only. (S,Y)
0.5 Credit

PALS 00900 Lifeguarding Instructor (NLA)

Provides the knowledge and skills necessary to become an American Red Cross instructor for community water safety, waterfront lifeguarding, head lifeguard and lifeguarding instructor aide, and lifeguard review courses. Prerequisites: Current American Red Cross certificate in lifeguarding and pretests based on the lifeguard training written test and lifeguarding skills test. Pass/fail only. (IRR)
1 Credit

PALS 01000 Water Safety Instructor (NLA)

Trains instructor candidates to teach American Red Cross water safety courses. Topics include improving and developing skills and knowledge of swimming and water safety; applying information from the instructor candidate training course to the teaching of swimming; planning and organizing swimming courses; and ensuring students' health and safety. Prerequisites: Proficiency in basic water safety and swimming strokes; current American Red Cross certificate in emergency water safety or lifeguard training. Pass/fail only. (F-S,Y)
2 Credits

PALS 01500 Fencing (NLA)

Beginning skills, techniques, and knowledge of foil fencing. Basic etiquette and rules of bouting. Techniques and practice in officiating a bout. Tournament-style bouts during the latter part of the course. Equipment is supplied. Pass/fail only. (IRR)
0.5 Credit

PALS 01700 Cross-Country Skiing (NLA)

Provides the knowledge and skills to cross-country ski over a variety of snow-covered terrain. Proper use of equipment, walking, step turns, diagonal stride as well as uphill and downhill techniques are covered on the hills and flats surrounding the campus. Other facets covered include winter safety and planning and preparing for a ski tour. Equipment is supplied. Pass/fail only. (S,Y)
0.5 Credit

PALS 01900 Basic Alpine Skiing (NLA)

Basic downhill skiing techniques. Special conditions: A fee is charged for this course. Meets one time per week, off campus. Transportation is provided. Pass/fail only. (S,Y)
1 Credit

PALS 02000 Intermediate Alpine Skiing (NLA)

This course focuses on a review of the fundamentals of skiing with emphasis on side slipping, basic skiing movements, and learning efficient, smooth, and continuous movements. Students will be introduced to moguls, varied terrain and conditions, gates and techniques for more efficient carving and games and exercises that provide the opportunity to progress to an advanced level. Student must have previous skiing experience. A fee is charged for this course. The course meets one time per week off-campus at Greek Peak Ski Mountain Resort. Transportation to and from site is provided. Pass/fail only.
1 Credit

PALS 02100 Advanced Alpine Skiing (NLA)

This course focuses on using the skis as a tool (carving), mogul skiing, racing, varied snow conditions, short radius turns, and expert terrain. Student must have previous skiing experience and be confident skiing on black diamond trails. A fee is charged for this course. The course meets one time per week off-campus at Greek Peak Ski Mountain Resort. Transportation to and from site is available. Pass/fail only. (S,Y)
1 Credit

PALS 02200 Basic Snowboarding (NLA)

Basic downhill snowboarding techniques. Special conditions: A fee is charged for this course. Meets one time per week, off campus. Transportation is provided. Pass/fail only. (S,Y)
1 Credit

PALS 02201 Intermediate Snowboarding (NLA)

Focuses on a review of the fundamentals of snowboarding with emphasis on side slipping, heel/toe edging movements, and learning efficient, smooth and continuous movements. Introduction to moguls, varied terrain and conditions, gates and techniques for more efficient carving. An additional fee is required for this course. Meets one time per week at Greek Peak Ski Mountain Resort. Transportation to and from site is provided. Prerequisites: Student must have previous snowboarding experience. Pass/fail only. (S,Y)
1 Credit

PALS 02202 Advanced Snowboarding (NLA)

Focuses on using the board as a tool (carving), mogul boarding, racing, varied snow conditions, short radius turns and expert terrain. An additional fee is required for this course. Meets one time per week at Greek Peak Ski Mountain Resort. Transportation to and from site is provided. Prerequisites: Student must have previous snowboarding experience. Pass/fail only. (S, Y)
1 Credit

PALS 02500 Indoor Tennis (NLA)

Fundamental tennis strokes and rules of the game; increase proficiency in playing tennis by indoor techniques. Indoor rackets and balls provided. Pass/fail only. (S,Y)
0.5 Credit

PALS 02600 Basic Tennis (NLA)

Basic strokes, including ground strokes, slice serve, and block volley techniques, for use in singles and doubles play. Coverage of related rules and strategy necessary for game play, scoring, and etiquette. For students with no formal background in either the basic fundamentals or game strategy and no knowledge of scoring, rules, or etiquette. Tennis rackets and balls provided. Pass/fail only. (F-S,Y)
0.5 Credit

PALS 02700 Intermediate Tennis (NLA)

Review of the ground strokes, slice serve, and block volley; lob and overhead are taught, stressing their use in both singles and doubles play. More game experience. Prerequisites: Ability to demonstrate ground strokes, slice serve, and block volley. Tennis rackets and balls provided. Pass/fail only. (F-S,Y)
0.5 Credit

PALS 02800 Advanced Tennis (NLA)

Review of all basic strokes, with emphasis on executing them more efficiently. The flat serve and auxiliary strokes such as the half volley, chop, slice, drop volley, and lob volley are taught, stressing competitive play and strategy in both singles and doubles play. Prerequisites: Mastery of ground strokes, slice serve, block volley, lob, and overhead, performed in a game situation. Tennis rackets and balls provided. Pass/fail only. (F,Y)

0.5 Credit

PALS 03000 Field Archery I (NLA)

Prepares students for bow hunting, including orientation to New York State hunting laws, game conservation, and bow hunting techniques as well as the development of the bare-bow technique of shooting with a heavier-weight bow than is used in target archery. When proficiency at the target-butt has been demonstrated, shooting at simulated wild-game targets takes place on a natural wooded trail. Equipment is supplied.

Pass/fail only. (IRR)

0.5 Credit

PALS 03100 Field Archery II (NLA)

An extension of Field Archery I. Pass/fail only. (IRR)

0.5 Credit

PALS 03300 Golf I (NLA)

Develops an understanding and appreciation of the game through learning basic skills such as stance, grip, and swing. If time permits and student ability warrants, a visit to a local golf course will be made. This is a beginner's course. Equipment is supplied. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 03400 Golf II (NLA)

An extension of Golf I. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 03600 Badminton I (NLA)

Fundamental skills of badminton necessary to play both singles and doubles; rules and customs involved in badminton. Content includes offensive and defensive skills, singles and doubles strategy and play, rules, and etiquette. Evaluation involves a skills test and a written exam. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 03700 Badminton II (NLA)

An extension of Badminton I. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 03800 Badminton III (NLA)

Clears, drop shots, smashes, net shots, serving, and strategy, with special emphasis on doubles play. Prerequisites: PALS 03600, PALS 03700, or permission of instructor. Pass/fail only. (IRR)

0.5 Credit

PALS 04000 Run, Walk, and Jog I (NLA)

Provides students of all ability levels with an opportunity to understand and benefit from a lifetime activity. Techniques covered are warm-ups and flexibility, aerobics, running guidelines, and jogging safety. Training methods, various types of terrain, and special running events are covered. The course concludes with a fitness evaluation. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 04100 Run, Walk, and Jog II (NLA)

An extension of Run, Walk, and Jog I. The exercise program becomes more individualized. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 04400 Paddleball I (NLA)

This is a challenging sport and an opportunity for a vigorous workout. The course is suited for the beginner as well as the more experienced player. Basic skills and game strategy are covered, but most of the class time is devoted to playing informal games. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 04500 Paddleball II (NLA)

An extension of Paddleball I. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 04800 Billiards/Table Tennis (NLA)

Introduction to skills and strategies involved in billiards and table tennis with the majority of class time spent on pocket billiards. Students will develop the ability to execute various shots as well as understand different games within each activity. Course may be repeated for up to (F-S, Y)

0.5 Credit

PALS 05000 Basic Windsurfing (NLA)

Basic boardsailing technique. The class hours are flexible after the first three sessions. Special conditions: A fee is charged for this course.

Meets off campus. Transportation is provided. A swimming test is required. Pass/fail only. (IRR)

0.5 Credit

PALS 05100 Intermediate Windsurfing (NLA)

Intended for students who have mastered the basic boardsailing techniques. The class hours are flexible after the first three sessions. Special conditions: A fee is charged for this course. Meets off campus. Transportation is provided. Prerequisites: PALS 05000. Pass/fail only. (IRR)

0.5 Credit

PALS 05300 Sailing-Small Boat (NLA)

For the student with little knowledge of sailing. Instruction is on sailboats with two sails. A swimming test is required. Special conditions: A fee is charged for this course. Meets off campus. Transportation is provided. Pass/fail only. (IRR)

0.5 Credit

PALS 05500 Sailing-Catamaran (NLA)

For students who want to learn to sail a catamaran. A swimming test is required. Special conditions: A fee is charged for this course. Meets off campus. Transportation is provided. Pass/fail only. (IRR)

0.5 Credit

PALS 05700 Boating Skills and Safety (NLA)

Introduces students to basic boating skills and techniques. Basic piloting, navigation rules, legal requirements, and dealing with emergencies are discussed. Pass/fail only. (IRR)

1 Credit

PALS 05900 Gymnastics Activities I (NLA)

General gymnastics instruction for both men and women. Combines basic gymnastics instruction with progressions individually designed to bring improvement to any ability level. Provides the opportunity to increase current level of gymnastics skill. Pass/fail only. (IRR)

0.5 Credit

PALS 06000 Gymnastics Activities II (NLA)

While Gymnastics Activities I introduces students to various gymnastic events and their basic skills, Gymnastics Activities II is structured to individual specialization, so as to further develop skills and spotting techniques and to combine three or more skills. Pass/fail only. (IRR)

0.5 Credit

PALS 07600 Basketball I (NLA)

Basic offensive and defensive philosophy and skills. Course content includes lead-up drills and games in all skills, team play, and some strategy. Designed for all levels of ability. Pass/fail only. (F-S,Y)
0.5 Credit

PALS 07700 Basketball II (NLA)

An extension of Basketball I. Pass/fail only. (F-S,Y)
0.5 Credit

PALS 08000 Volleyball I (NLA)

Introduces the skills and strategies involved in power volleyball. Class periods are spent perfecting such skills as the bump, set, serve, and block. Basic forms of offense and defense are introduced during game play. Pass/fail only. (F-S,Y)
0.5 Credit

PALS 08100 Volleyball II (NLA)

An extension of Volleyball I. Pass/fail only. (F-S,Y)
0.5 Credit

PALS 08200 Volleyball III (NLA)

Emphasizes blocking, multiple attack, defensive systems, spiking, the dink, strategy, and a consistent serve. Prerequisites: PALS 08100; PALS 08200. Pass/fail only. (S,Y)
0.5 Credit

PALS 09000 Personal Defense (NLA)

Develops, through the learning of basic skills, an appreciation of the art of defending oneself or one's loved ones and property. Students learn strategy and knowledge of vulnerable areas, legal implications, and the need for physical exercise and safety precautions. Primarily for students who want to learn basic self-defense techniques. Pass/fail only. (F-S,Y)
0.5 Credit

PALS 09100 Triathlon and Multisport Training (NLA)

Provide students with an introduction to triathlon while emphasizing the importance of cross-training in an exercise routine. Swimming, running, weight training, and biking. Combination of lecture and exercise. Course is designed for both "first time" triathletes and those interested in fine-tuning their training regimen. Twice each semester, students will participate in an intra-campus sprint triathlon which will include a .5 mile swim, 15 mile stationary bike ride and a 5k run. Fitness evaluation conducted by instructor on first class. Course may be repeated for up to Pass/fail only. (F-S,Y)
1 Credit

PALS 09300 Personal Fitness I (NLA)

Provides the skills and activities needed to achieve a high degree of physical fitness. Exercises designed to improve cardiovascular endurance, muscle tone, flexibility, and personal appearance are emphasized. This course develops an appreciation for keeping in good physical condition. Pass/fail only. (F-S,Y)
0.5 Credit

PALS 09400 Personal Fitness II (NLA)

An extension of Personal Fitness I. Pass/fail only. (F-S,Y)
0.5 Credit

PALS 09500 Personal Fitness III (NLA)

Students set their own goals by incorporating more individualized instruction in their daily programs, including jogging, weight training, flexibility exercises, and circuit training. Pass/fail only. (IRR)
0.5 Credit

PALS 09800 Basic Jujitsu (NLA)

A basic course in Dan Zan Ryu Jujitsu. Involves the study of the history, philosophy, and skills of jujitsu. The techniques are a mixture of many of the martial arts and can be used for self-defense. An additional fee for a uniform may be required. Pass/fail only. (F-S,Y)
1 Credit

PALS 10400 Dance Exercise with Weights (NLA)

For the student who desires a more difficult workout through the use of wrist weights and ankle weights. Emphasis is placed on strengthening the upper body and on toning hips and legs as students learn about cardiovascular endurance, strength, and flexibility. Pass/fail only. (IRR)
0.5 Credit

PALS 13000 Cooperative Teambuilding (NLA)

Students are challenged in individual and group activities that promote self confidence and leadership to be successful. Success requires responsibility, trust, positive attitude and the desire to have fun in a physical activity and strategic setting. May be repeated for up to Pass/Fail only. (F-S, Y)
0.5 Credit

PALS 19900-19902 Selected Topics in PALS (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. Pass/fail only. 0.(IRR)
0.5-1 Credits

PALS 19903 Sltp: PALS (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. Pass/fail only. 0.(IRR)
0.5-1 Credits

PALS 19904-19998 Selected Topics in PALS (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. Pass/fail only. (IRR)
0.5-1 Credits

Physical Education (PHED)

PHED 10100 Teaching Strategies in Physical Education (NLA)

Introduces students to basic pedagogical skills relative to the successful teaching of physical education in a school setting. Topics include, but are not limited to, lesson planning, voice projection, physical movement in the teaching area, and effective transitions. The use of videotaped mini-lessons throughout the semester will encourage students to practice these teaching techniques, as well as to develop reflective and analytical skills in relation to their teaching. For physical education and health and physical education majors/coaching minors. (S,Y)
Attributes: TE
1 Credit

PHED 14400 Fundamentals of Dance and Movement (NLA)

This course will prepare the future teacher in the area of movement development, through basic dance. Emphasis will be placed on the teaching of dance in the public school setting, in both secondary and primary grades. Although there is a dance skill component, the majority of the class focuses on knowledge about pedagogy of fundamental movements in dance and progressions. Students will learn teaching progressions to be effective in the public school setting. (S,Y)
1 Credit

PHED 17800 Fundamental Movement Concepts Gymnastics (NLA)

This course will prepare the future teacher in the area of movement development, through basic gymnastics. Emphasis will be placed on the teaching of gymnastics in the public school setting, with particular focus on the primary grades. Although there is a movement component, the majority of this course will be cognitively based. Students will learn teaching progressions and deal with learning effectiveness in the public school setting. (S,Y)
1 Credit

PHED 20200 Teaching Goal-Oriented Games in Physical Education (NLA)

Introduces students to a tactical model/approach to higher-level games play, focusing specifically on the offensive and defensive strategies and skills common to goal-oriented games (e.g. soccer, football, lacrosse, basketball, handball). Corequisites: PHED 23000. (S, Y)
1 Credit

PHED 20400 Teaching Net/Wall Games in Physical Education (NLA)

Introduces students to a tactical model/approach to higher-level games play, focusing specifically on the offensive and defensive strategies and skills common to net/wall games (e.g. volleyball, tennis, racquetball, paddleball). Prerequisite: Sophomore standing. (F,Y)
1 Credit

PHED 20500 Teaching Target and Fielding Games in Physical Education (NLA)

Introduces students to a tactical approach to higher-level games play, focusing specifically on the offensive and defensive strategies of target and fielding games (e.g., softball, baseball, archery, golf, bowling). Prerequisites: PHED 10100. (F,Y)
1 Credit

PHED 20700 Teaching Outdoor Pursuits and Contemporary Activities (NLA)

Introduces students to the basic principles involved in teaching outdoor pursuits and adventure education as part of the elementary and secondary physical education programs. Depending on the season, activities include basic rock climbing, mountain biking, cross country skiing, challenge course facilitation and/or backcountry travel techniques for different age groups and diverse populations. Prerequisites: HITH 15200. (S,Y)
1 Credit

PHED 20800 Teaching Individual Activities in Physical Education (NLA)

Introduces students to the basic principles involved in the planning, teaching, and assessment of a variety of individual activities taught as part of the secondary physical education curriculum. Activities include, but are not limited to, yoga, wrestling, personal defense, fencing, and track/field. Prerequisite: Sophomore standing. (F,Y)
1 Credit

PHED 21200 Motor Skills Development (NLA)

Students will be introduced to the fundamental theories and principles related to the motor, cognitive, and affective development of humans throughout the life span, with emphasis on children and adolescents. Detailed analysis of fundamental movement skills and their relationship to effective, developmentally appropriate movement programs will be explored. Students will demonstrate critical analysis of movement programs and compare and contrast them with best practice. Laboratory experiences involving children and adolescents in school settings will allow students to observe the skills and theories in real-life situations. Prerequisites: HLTH 15200 or PHED 25500. (F-S, Y)
Attributes: TE
3 Credits

PHED 23000 Teaching Physical Activities in Elementary Physical Education (NLA)

Provides physical education teacher candidates with knowledge in the selection, planning, and implementation of developmentally appropriate physical activities for elementary school children. Introduces students to the "skill theme approach" to teaching games, gymnastics, and dance with an emphasis on the development and use of movement concepts in increasing physical activity as outlined by the National Standards for Physical Education. Emphasis is placed on developing an applied understanding of what to teach and practical lab experiences are included in the course. Prerequisites: PHED 10100 and HLTH 15200. (S, Y)
Attributes: TE
3 Credits

PHED 23400 Fitness Applications for Health Promotion (NLA)

Incorporates basic kinesiological, biomechanical, and physiological principles and concepts with practical applications for physical activity, health-related fitness, and health promotion. Clinical procedures include body composition measurement, submaximal oxygen uptake testing, assessing blood pressure, calculating body mass indexes, and cholesterol screening. A major emphasis is the assessment of health-related fitness and the prescription of various types of physical activities for children, adolescents, and adults. Prerequisites: EXSS 12000; EXSS 12100. Students can receive credits for HLTH 23400 or PHED 23400, not both. (S,Y)
Attributes: HE1
4 Credits

PHED 23500 Teaching Fitness in Physical Education (NLA)

Introduces students to the teaching and assessment of fitness concepts to children in the K-12 school setting. Emphasis is placed on the practical application, teaching, and assessment of the components of physiological aspects of fitness to children. Topics include the contemporary goals of and background to fitness education, developmentally and instructionally appropriate principles for teaching and assessing fitness, the use of technology in the instruction and assessment of fitness, using various testing batteries, the reporting of fitness results, and the use of goal setting as a motivational tool for improving one's fitness. This course will allow students to become nationally certified as a physical best health-fitness specialist. Corequisites: Prior or concurrent enrollment in PHED 23400. (F-S, Y)
1 Credit

PHED 25500 Philosophy and Principles of Coaching (NLA)

The philosophy and principles of coaching young athletes. Emphasis is placed on development of a coaching philosophy through critical examination of issues relating to coaching. Coaching responsibilities, developmental characteristics of children and youth, and their implications for the conduct of athletic programs, instructional and administrative methods, effective design and conduct of practices, and enhancement of contest performance are also discussed. Prerequisites: Sophomore standing. (F-S,Y)

3 Credits

PHED 25600 Health Sciences Applied to Coaching (NLA)

The application of modern principles of the health sciences as they relate to youth coaching (up to 12th grade) including exercise physiology, kinesiology, sport psychology, and nutrition. Human growth and development, safety, first aid, training, and conditioning of youth athletes are covered. Prerequisite: PHED 25500 or concurrent enrollment. (F-S,Y)

3 Credits

PHED 33000 Adapted Physical Education and Sport (NLA)

Provides students with an understanding of individuals with disabilities. Students learn to adapt physical education activities to meet the abilities of an individual with special needs in order to provide a safe and successful learning experience. Topics addressed include, but are not limited to, philosophical approaches to teaching students with disabilities, legislation affecting the adapted physical education program, the process of identifying students with disabilities in the public school system, and development of the individual education plan. Laboratory experiences include working weekly with students with disabilities in an aquatics program. Prerequisites: PHED 21200. Corequisites: PHED 33200 or PHED 33300. (F-S,Y)

3 Credits

PHED 33200 Curriculum and Methods in Elementary School Physical Education (NLA)

Provides students with practical guidelines for the development and assessment of contemporary elementary physical education programs. Pedagogical skills and strategies for successful teaching as they pertain to the elementary school teaching situations are also emphasized. Developmentally appropriate physical education content using a movement framework (movement concepts and skill themes) serves as the basis for the course, which involves practicum teaching experiences in local elementary schools. Prerequisites: EDUC 21010; PHED 23000; junior or senior standing. (F,Y)

Attributes: TE

3 Credits

PHED 33300 Curriculum and Methods in Secondary School Physical Education (NLA)

Analysis of the program of physical education in secondary schools; criteria for the selection and grade placement of activities; consideration of methods and teaching techniques; and problems relating to program planning, time allotment, administration of facilities, and program evaluation. Observation and teaching of secondary physical education classes in the Ithaca school system, as well as micro-peer teaching on campus. Prerequisites: Junior or senior standing; EDUC 21010. (S,Y)

Attributes: TE

3 Credits

PHED 34900 Fieldwork in Physical Education (NLA)

Practical experience in public, voluntary, or commercial agencies or businesses providing various types of physical education, sports-related activities, or services. Prerequisites: Major or minor in the Department of Health Promotion and Physical Education or the Department of Exercise and Sport Sciences; junior standing or above; permission of department chair. (F-S,Y)

Attributes: TE

1-6 Credits

PHED 37400 Coaching Seminar-Field Hockey (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 37600 Coaching Seminar-Swimming (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 38500 Coaching Seminar - Track & Field (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 38600 Coaching Seminar-Soccer (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 38700 Coaching Seminar-Wrestling (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 38800 Coaching Seminar-Lacrosse (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 39900-39903 Selected Topics in Physical Education (LA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR)

Attributes: NLA
1-3 Credits

PHED 42000-42003 Independent Study in Sport Skills (NLA)

Prerequisites: Major or minor in Department of Health Promotion and Physical Education; PHED 33200 or PHED 33300; permission of department chair. 0.5-(F-S,Y)

0.5-1 Credits

PHED 43900 Assessment in Physical Education (NLA)

Prepares students to assess student learning in a K-12 physical education setting. Through a combination of lectures, labs, discussions, and field-based activities, opportunities are provided to understand and apply current educational testing and evaluation procedures. Course content includes study of the criteria for selection of tests, application of statistical procedures, construction and analysis of assessment tools, procedures for classification and grading of students, and program assessment techniques. Credit will not be given for both this course and HLTH43900. Prerequisites: PHED 33200, PHED 33300, or HLTH 36000. (FY)

Attributes: TE
3 Credits

PHED 44000 Organization and Administration of Physical Education (NLA)

Policies and procedures in the organization and administration of physical education and athletics in the public school setting. Directed discussions and investigation of the nature and scope of administrative responsibilities in programs of physical education and athletics.

Prerequisites: PHED 33200 or PHED 33300, or permission of instructor. (FY)

Attributes: UND
3 Credits

PHED 44100 Student Teaching in Physical Education (NLA)

Observation and supervised student teaching. Assignment to approved, cooperating schools full-time for one semester in the senior year.

Experience in classroom observation, participation, teaching, coaching, and intramural and noon-hour supervision. Individual conferences with Ithaca College coordinators of field experiences. Required of all students preparing to teach physical education in elementary or secondary school. Prerequisites: Current American Red Cross CPR and first-aid card;

EDUC 21010; PHED 33200; PHED 33300; EDUC 34000. (F-S,Y)

Attributes: TE, UND
10 Credits

PHED 44500 Student Teaching in Physical Education (dual major) (NLA)

Observation and supervised student teaching. Assignment to approved, public schools full-time for a half semester in the senior year. Experience in structured observation, classroom assisting, and direct instruction; additional experience in planning, conferencing, and related school duties outside regular class periods. Individual conferences are held with Ithaca College supervisors of field experiences. Required of all dual health education and physical education majors. Prerequisites: Current American Red Cross CPR and first-aid card; EDUC 21010; PHED 33200; PHED 33300; EDUC 34000. (F-S,Y)

Attributes: TE
5 Credits

PHED 44800 Professional Seminar (NLA)

A field course to be taken in conjunction with PHED 44100 Student Teaching in Physical Education. Examines current trends and developments in teaching and extracurricular activities, as well as situations identified in student teaching. Special interest speakers. (F,S,Y)

Attributes: CP, TE
2 Credits

PHED 45000-45003 Independent Study in Physical Education (LA)

Individual study program for investigation of special problems in the field of physical education. Written report required. Prerequisites: Permission of instructor and department chair. (F-S,Y)

Attributes: TE
1-3 Credits

PHED 46000 Internship in Physical Education (NLA)

Supervised work experience in a sports-related service agency or business during the summer or the regular academic year. Prerequisites: Minimum 2.50 cumulative GPA; junior standing or above; current American Red Cross CPR and first aid card; permission of the instructor and department chair. 6-(F-S,Sum,Y)

6-12 Credits

PHED 47400 Coaching Seminar-Volleyball (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 47500 Coaching Seminar-Gymnastics (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 47700 Coaching Seminar-Softball

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 48400 Coaching Seminar-Football (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. This course is repeatable up to four credits. (F-S,Y)

2 Credits

PHED 48500 Coaching Seminar - Men's Basketball (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar.

(F-S,Y)
2 Credits

PHED 48800 Coaching Seminar-Baseball (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar.

(F-S,Y)
2 Credits

Physical Therapy-Undergrad (PTBS)

PTBS 10100 Introduction to Physical Therapy (NLA)

An overview of the history of the physical therapy profession. Orientation to the responsibilities of a physical therapist and to the practice of physical therapy in a variety of environments, including musculoskeletal, neuromuscular, cardiovascular and pulmonary, integumentary, pediatric, and older adults will be discussed. Information regarding the representative professional association, clinical specialization, residency and fellowship will be presented. (F,S,Y)

1 Credit

PTBS 10200 Introduction to the Profession of Physical Therapy (NLA)

Orientation to the responsibilities and activities of physical therapists, the practice environments, representative professional association, and related professional literature. Experiential activities are included to enhance learning. (F or S,Y)

0.5 Credit

PTBS 20100 Introduction to the Practice of Physical Therapy (LA)

Orientation to the practice of physical therapy, including musculoskeletal, neuromuscular, cardiovascular and pulmonary, integumentary, pediatric, and older adults. Prerequisites: PTBS 10200. (F or S,Y)

0.5 Credit

PTBS 31300 Clinical Physiology (NLA)

The study of human physiology from a clinical perspective, addressing normal function in the primary physiological systems and how therapeutic interventions influence system functions. Introduces pathophysiological syndromes common to patients receiving therapy. Describes physiological responses in patients receiving specific physical or occupational therapy interventions. Prerequisites: One course in CHEM. Corequisite: BIOL 20600; open to clinical health studies and occupational science majors. (S,Y)

3 Credits

PTBS 31400 Pathology for Physical Therapists (NLA)

Examination of the components of the general processes of disease and injury, and some specific components of selected diseases likely to be encountered in physical therapy practice. General pathology topics described include: cell and tissue injury, inflammation, and the healing and repair process. Details on specific diseases include: musculoskeletal, cardiovascular, pulmonary, integument, and nerve systems. Emphasis will be placed on understanding the underlying mechanisms of structural and functional disruptions for adults, with secondary comparisons to pathology across the lifespan. This course provides background information necessary for subsequent physical therapy courses and patient treatments. Corequisites include BIOL 20600 and PTBS 31300.

Prerequisites: PTBS 10100. (S,Y)

3 Credits

PTBS 39900-39919 Selected Topics in Physical Therapy

Clinical and professional topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. Satisfactory/D/Failure only. 0.(IRR)

0.5-3 Credits

PTBS 40000 Mobility Training (NLA)

An introduction to patient/client care techniques related to mobility training, including bed mobility, transfer training, gait training with a variety of assistive devices, and wheelchair mobility. Students are familiarized with the initial steps in the patient-therapist relationship including professional behaviors and oral communication. Review of cardiovascular systems is also included. The emphasis throughout the course is to develop the skills necessary to ensure the safety of both the patient/client and the student in a clinical environment. Prerequisite: PTBS 10100, junior standing, limited to Clinical Health Studies majors.

(S,Y)

1 Credit

PTBS 40100 Professional Development I (NLA)

Introduction to professionalism including professional and ethical behavior, as well as our professional organization. Instruction to develop effective listening skills. Preparation to teach in a variety of settings and formats for academic, clinical, and professional purposes. Instruction will include teaching/learning theories and styles, ability to adapt teaching for a variety of audiences, domains of learning, instructional objectives, teaching methods, instructional technology, and feedback. Prerequisites: PTBS 10100, junior standing, limited to Clinical Health Studies majors. (S)

1 Credit

PTBS 49900-49903 Independent Study (NLA)

This course, which requires a faculty sponsor, allows students to complete an in-depth study or project in an area of their interest related to physical therapy. Includes a final presentation. Prerequisites: Permission of faculty sponsor, academic adviser, department chair, and dean. May be repeated for a total of six credits. (F,S,Y)

1-6 Credits

PTBS 50000 Documentation for Physical Therapy (NLA)

Introduction to written documentation of physical therapy services using the APTA Patient/Client Management Model and the International Classification of Functioning, Disability and Health Model. Topics include written documentation of initial examinations, progress notes, and discharges; legal guidelines; medical terminology; and electronic health record. Prerequisite: PTBS 40000. (Su,Y)

1 Credit

PTBS 50100 Human Anatomy (NLA)

Human Anatomy is the study of the gross anatomical components of the human body through the use of lecture and cadaver dissection. Emphasis is placed on the musculoskeletal and neurovascular systems found in the extremities, trunk, chest, and abdominal walls, and in the head and neck.

Prerequisites: PTBS 31400. (U,Y)

6 Credits

PTBS 50200 Musculoskeletal I (NLA)

Application of the patient/client management model with emphasis on examination, evaluation, and diagnosis of musculoskeletal problems of the extremities. Emphasis is placed on the following skills: patient history, joint integrity and mobility, goniometry, muscle performance testing, flexibility testing, ligament testing, special orthopedic tests, and posture as it relates to the extremities. Prerequisites: PHYS 10100, PHYS 10200, and PTBS 50100. (F,Y)

4 Credits

PTBS 50300 Soft Tissue Examination and Interventions (NLA)

This lecture and laboratory course examines various methods of soft tissue examination and intervention. It is designed to expose the student to a broad spectrum of techniques, while teaching the skills of the most commonly used methods. Some of the techniques are more scientifically evidence based than others. The course will emphasize critical assessment and foster the necessity for research-based analysis. The course is also designed to develop the student's palpation skills, including the examination and evaluation of soft tissue dysfunction.

Prerequisites: PTBS 50100. (F,Y)

2 Credits

PTBS 50400 Applied Biomechanics (LA)

Application of mechanical principles to human movement with particular attention to the effect of forces in producing normal movement. Students are required to apply their knowledge of anatomy to understanding individual joint function, as well as the integrated function of several joints during complex activities such as the normal gait. Prerequisites: PHYS 10100, PHYS 10200, and PTBS 50100. (F,Y)

3 Credits

PTBS 50500 Professional Development II (NLA)

Introduction to the Practice Act, roles of paraprofessionals, professional and ethical behavior, and effective communication styles. Instruction in clinical education teams, models of clinical education, and assessment of clinical performance. Prerequisites: PTBS 40100. (F,Y)

Attributes: CP

1 Credit

PTBS 50600 Medical Screening I (NLA)

This course covers the principles and interpretation of diagnostic testing. Students will become competent in understanding radiologic interpretations of X-rays, Computed Tomography, MRI, Nuclear, ultrasound imaging and nerve conduction testing. Radiographic anatomy, densities, views, and structural analysis are taught using digital imaging. Patient cases will be used to compare patho-structural diagnosis with actual symptoms and clinical presentation. Prerequisites: PTBS 31400. (F,Y)

1 Credit

PTBS 50700 Integrated Clinical Experience I (NLA)

This first clinical education experience provides students with an opportunity to work with patients under the supervision of a faculty member. Students will apply knowledge and skills and assume appropriate responsibilities in direct patient care. Pass/Fail only.

Prerequisites: PTBS 40000, PTBS 50000. (F,Y,B)

1 Credit

PTBS 50800 Evidence Based Practice I (NLA)

An overview of how the research literature can guide clinical decision making and form the basis for contemporary physical therapist practice. Emphasis on how evidence is used to answer clinical questions that affect the examination process, evaluation procedures, and interventions commonly used by physical therapists. The historical background for evidence based practice will be examined at the start of this course, followed by an analysis of the fundamental components of evidence based practice. Contemporary issues in physical therapist practice will be used to illustrate various issues and topics in this course. Prerequisites: MATH 14400, MATH 14500, MATH 15500, MATH 21600 or PSYC 20700. (F,Y)

3 Credits

PTBS 50900 Integrated Clinical Experience II (NLA)

This second clinical education experience provides students with an opportunity to work with patients under the supervision of a faculty member in a diverse experience. Students will apply knowledge and skills and assume appropriate responsibilities in direct patient care. Pass/Fail only. Prerequisites: PTBS 50700. (S,Y,B)

1 Credit

PTBS 51000 Joint Mobilization (NLA)

Lecture and laboratory course that provides an evidence based manual therapy approach toward evaluation and management of musculoskeletal conditions using joint mobilization. Emphasis will be on enhancing the student's clinical reasoning and manual therapy skills. Prerequisites: PTBS 50200 and PTBS 50300. (S,Y)

2 Credits

PTBS 51002 Human Anatomy

Study of the gross anatomical components of the human body through the use of lecture and cadaver dissection. Emphasis is placed on the musculoskeletal and neurovascular systems found in the extremities, trunk, chest, and abdominal walls, and in the head and neck. Prerequisites: BIOL-20600. (Sum,Y)

6 Credits

PTBS 51100 Therapeutic Exercise (NLA)

A comprehensive analysis of the scientific principles of exercise commonly used in physical therapy practice. Specific exercise programs will be discussed, as well as adaptations of tissue to activity and immobilization. Prerequisites: PTBS 40200, PTBS 50200, and PTBS 50400. (S,Y)

3 Credits

PTBS 51103 Pathology for Physical Therapists (LA)

Examination of the components of general disease and injury processes and specific components of selected diseases likely to be encountered in physical therapy practice. General pathology topics described include cell and tissue injury, inflammation, and the healing and repair process. Specific focus on diseases of the musculoskeletal, cardiovascular, pulmonary, integumentary, and nerve systems. Emphasis is placed on understanding the underlying mechanisms of structural and functional disruptions for adults, with secondary comparisons to pathology across the life span. This course provides background information necessary for performing differential diagnosis and patient treatments. Prerequisites: PTBS 51002; PTBS 31300. (S,Y)

3 Credits

PTBS 51200 Acute Care (NLA)

This course will provide students with the knowledge related to and skills required in the acute care setting. Students will develop competency in acute care evaluations, interventions, and discharge planning. Both didactic and laboratory activities will be used to integrate curricular content to address the complex patient and dynamic environment encountered in acute care. Prerequisites: PTBS 40000. (F,Y)
2 Credits

PTBS 51300 Electrotherapeutic Modalities and Physical Agents (NLA)

The study of the biophysical, physiological, and clinical principles and procedures associated with the application of electromagnetic and acoustic energy in the clinical management of pathological conditions. Prerequisites: PHYS 10100, PHYS 10200, and PTBS 50100. (S,Y)
3 Credits

PTBS 51400 Medical Screening II (NLA)

Builds on the principles introduced in Medical Screening I allowing the students to integrate these principles into an efficient and effective patient examination. A systematic approach to evaluating a patient's history and performing a systems review allows students to identify risk factors, red flags, visceral pain patterns, and constitutional symptoms that warrant a medical referral. Decisions for recommending lab tests or imaging are based on specific medical conditions and current appropriateness criteria. Prerequisites: PTBS 50600. (S,Y)
2 Credits

PTBS 51500 Health Care Systems (NLA)

This course familiarizes students with the basic constructs of the U.S. health care system, with emphasis on how system components influence patient referrals, delivery of care, reimbursement, and outcomes. Prerequisites: PTBS 40100. (S,B,Y)
1 Credit

PTBS 52102 Musculoskeletal Examination and Evaluation (NLA)

Introduction to the patient/client management model with emphasis on examination, evaluation, and diagnosis of musculoskeletal problems of the extremities. Emphasis is placed on the following skills: patient history, range of motion, goniometry, muscle performance testing, flexibility testing, ligament testing, special orthopedic tests, and posture as it relates to the extremities. Prerequisites: PHYS 10100; PHYS 10200; PTBS 51002. (F,Y)
3 Credits

PTBS 52203 Soft Tissue Palpation and Examination (NLA)

This lecture and laboratory course examines various methods of soft tissue examination and intervention. It covers a broad spectrum of techniques while teaching the skills of the most commonly used methods. Some of the techniques are more scientifically evidence-based than others. The course emphasizes critical assessment and the need for research-based analysis. It develops palpation skills, including the examination and evaluation of soft tissue dysfunction. Prerequisite: PTBS 51002. Corequisites: PTBS 52102; PTBS 53702. (F,Y).
2 Credits

PTBS 52304 Peripheral Joint Mobilization (NLA)

Lecture and laboratory course preparing students to incorporate passive mobility testing into the patient/client examination. Students also learn to use passive joint mobilization interventions for patient/client with peripheral joint pathologies. Prerequisites: PTBS 52102; PTBS 52203. (S,Y)
1.5 Credits

PTBS 52405 Therapeutic Exercise (NLA)

A comprehensive analysis of the scientific principles of exercise commonly used in physical therapy practice. Specific exercise programs address muscle performance, endurance, mobility, and balance impairments. Adaptations of tissue on activity and immobilization are also discussed. Prerequisites: PTBS 31300; PTBS 52102; PTBS 53702 (S,Y)
3 Credits

PTBS 53101 Electrotherapeutic Modalities and Physical Agents (NLA)

The study of the biophysical, physiological, and clinical principles and procedures associated with the application of electromagnetic and acoustic energy in the prevention and treatment of pathological conditions. Prerequisites: PHYS 10100; PHYS 10200; PTBS 51002. (S,Y)
4 Credits

PTBS 53702 Applied Biomechanics (LA)

Application of mechanical principles to human movement. Particular attention to the effect of forces in producing normal movement. Students are required to apply their knowledge of anatomy to understanding individual joint function, as well as the integrated function of several joints during complex activities such as the normal gait. Prerequisites: PHYS 10100; PHYS 10200; PTBS 51002. (F,Y)
Attributes: NS
3 Credits

PTBS 54001 Professional Development I (NLA)

Description of physical therapy as a profession in the United States, including history, professional organization, roles of the physical therapist and related personnel, and scope of practice. Prerequisites: Senior standing. (F,Y)
.5 Credit

PTBS 54102 Preclinical Conference I (NLA)

Series of sessions to explain clinical education policies and procedures and choose sites for clinical affiliations. Prerequisites: Senior standing; clinical health studies major. Pass/fail only. (Su,Y)
0 Credit

PTBS 54203 Professional Development II (NLA)

Introduction to the Practice Act, Code of Ethics, roles of paraprofessionals, professional and ethical behavior, and effective communication styles. Instruction in clinical education teams, models of clinical education, and assessment of clinical performance. Corequisite: PTBS 55501. Prerequisites: PTBS 54001. (S,Y)
Attributes: CP
1 Credit

PTBS 55501 Teaching and Learning in the Clinical Setting (NLA)

Preparation to teach in a variety of settings and formats for academic, clinical, and professional purposes. Content is applicable to community presentations, group in-services, and presentations, as well as patient/family and other individualized teaching. Includes teaching/learning theories and styles, impact of age, culture, environment, and motivation, domains of learning, instructional objectives, teaching methods, and instructional technology. Evaluation, feedback, and outcome measurements are included. (S,Y)
1 Credit

PTBS 55602 Introduction to Health Care Systems (NLA)

Constructs of the U.S. health care system, with emphasis on how parts of the system influence patient referrals, delivery of care, and reimbursement. The course focuses on the health care system's influence on rehabilitation services with emphasis on allied health. Prerequisites: PTBS 54001. (S,Y)
1 Credit

PTBS 56800 Research II: Evidence-Based Practice II

Focuses on how clinicians can evaluate, integrate, and apply research to guide clinical decision making in contemporary physical therapist practice. This course builds on and applies principles introduced to PTBS 56701 (Research I: Evidence-Based Practice I), and helps students become proficient in accessing and critically reviewing the literature to answer clinical questions. Students will evaluate and categorize specific articles that illustrate various types and levels of evidence. Students explore specific clinical questions, access the scientific literature using computer databases, and plan interventions based on strength of the available evidence. This course will prepare the student to enter the Research Seminar series in their final professional year. Prerequisites: PTBS 56701.

2 Credits

PTBS 59000-59025 Selected Topics in Physical Therapy (NLA)

Clinical and professional topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Pre-requisites: As appropriate to topics. Pass/fail only. (IRR) 0-3 Credits

PTBS 59800 Honors Seminar in Physical Therapy (NLA)

For students in the honors program. Research proposals completed in PTBS 59900 are presented and critiqued. In addition, examples of good and poor published journal articles are discussed and analyzed. Prerequisites: PTBS 59900. Note: All undergraduates taking this course for graduate credit must satisfy the conditions listed under "Course Levels." (S,Y)

1 Credit

PTBS 59900 Honors Project (NLA)

For the exceptional student who wishes to pursue graduate research. Results will be summarized in a research proposal, which is a preliminary step toward a graduate thesis. Prerequisites: PTBS 41000; permission of department chair. Note: All undergraduates taking this course for graduate credit must satisfy the conditions listed under "Course Levels." (F,Y)

3 Credits

Physics (PHYS)

PHYS 10100 Introduction to Physics I (LA)

Principles and concepts of classical physics (algebra-based). Mechanics, including rotational motion and energy and momentum conservation, properties of matter. Three lectures and one recitation/laboratory per week or three two-hour lecture/recitation/laboratory sessions per week. Prerequisites: Math placement score 2 or 1 or completion of MATH 10400, MATH 10800, or MATH 11000 (with a C- or better). (F,Y)

Attributes: 2A, NS

4 Credits

PHYS 10200 Introduction to Physics II (LA)

A continuation from PHYS 10100 of the principles and concepts of classical physics (algebra-based). Standing waves and sound, physical and geometrical optics, electrostatics, magnetism, DC circuits, fluids, heat, and thermodynamics. Three lectures and one recitation/laboratory per week or three two-hour lecture/recitation/laboratory sessions per week. Prerequisite: PHYS 10100. (S,Y)

Attributes: ABSS

4 Credits

PHYS 10400 Physics of Human Movement (LA)

Introductory course in Newtonian mechanics (algebra-based) applied to movement of and within the human body. Covers fundamental principles and concepts of physics including: projectile motion, rotational motion, torque, and energy and momentum conservation. Prerequisite: Math placement in group 2 or 1 or MATH 11000. (F,Y)

Attributes: 2A, SC, TIII

3 Credits

PHYS 11001 Mathematical and Computational Skills for Physics (LA)

Bridges mathematics and computational skills to physical applications and prepares students for future study in Physics and Astronomy.

The aim of this course is to develop tools for quantitatively analyzing problems common to courses in the Physics and Astronomy majors.

Prerequisites: Math placement group 1 or 1*. (F,Y)

1 Credit

PHYS 11400 Professional Physics and Astronomy Seminar I (NLA)

Introduction to the physics program for all beginning physics majors or those considering the major. Discussions about career opportunities, the various physics degree paths, and strategies for being a successful and engaged physics major. Participation in the physics department seminar required. Pass/Fail only. (F,Y)

1 Credit

PHYS 11700 Principles of Physics I: Mechanics (LA)

Intended as the first semester of calculus-based college physics for students majoring in science or mathematics. Topics include vectors, kinematics in one and two dimensions, dynamics, work, energy, momentum, rotational motion. Emphasis is placed on the mathematical analysis of concepts. Three two-hour lecture/recitation/laboratory sessions per week. Prerequisites: MATH 11100 (may be taken concurrently). (F,Y)

Attributes: 2A, NS

4 Credits

PHYS 11800 Principles of Physics II: Electricity and Magnetism (LA)

Intended as the second semester of calculus-based college physics for students majoring in science or mathematics. Topics include static electric fields and Coulomb's law, Gauss's law, electric potential, capacitors, Ohm's law, the magnetic field and Ampere's law, induction and Faraday's law, and elementary circuit theory. Emphasis is placed on mathematical analysis. Three two-hour lecture/recitation/laboratory sessions per week. Prerequisites: PHYS 11700; MATH 11200 (may be taken concurrently). (S,Y)

Attributes: 2A, NS

4 Credits

PHYS 12000 Introductory Applied Physics Laboratory (LA)

A laboratory course designed to develop experimental skills. Focus is on the use of modern electronics and computers to measure and analyze data. Students construct analog and digital circuits and then use them to carry out experiments illustrating physical principles from mechanics and electricity and magnetism. Prerequisite: PHYS 11700. (S,Y)

Attributes: NS, QL

3 Credits

PHYS 14300 Power: Energy Options for a Global Society (LA)

Survey of energy. Topics include energy technologies and energy resources (fossil fuels, nuclear, solar, wind, geothermal, biomass). Students are introduced to electricity, heat production and transfer, heat engines, energy efficiency, and sustainable energy systems. Energy use sectors such as residential, commercial, and transportation are examined. The course begins with a look at energy use in the home and gradually expands to complex subjects such as the electrical grid, national energy policy, deregulation, and international fusion research. The emphasis is on energy literacy and the goal is to provide students with the basic technical principles necessary to design energy projects of their own and to evaluate their costs and benefits. (S,E)

Attributes: 2A, NS

3 Credits

PHYS 16000 Physics of Sound (LA)

Physical basis of sound, with an emphasis placed on musical instruments, the human voice, and sound recording and reproduction. Physics concepts are introduced and developed as needed to understand these areas. Open to all students. Prerequisites: Math placement score 2 or 1 or completion of MATH 10400, MATH 10800, or MATH 11000 (with a C- or better). (Y)

Attributes: 2A, NS

3 Credits

PHYS 17100 Earth: Evolution of a Habitable World (LA)

Formation and evolution of planet Earth from the astronomer's perspective: creation of elements, the first rocks, development of oceans, the first atmosphere, formation of the moon, records of climate history, and how life on Earth fits into the context of life in the universe. Examination of Venus and Mars as possible analogs for Earth's evolution (past and future). Other topics include the influence of the sun on Earth's climate, the greenhouse effect, the geologic record of the development of continents, and the asteroid and comet impact hazard. Emphasis is placed on our sources of knowledge, the errors of our measurements, and the attendant model uncertainties in predicting Earth's future. Students may not receive credit for both PHYS 17100 and PHYS 17200.

Prerequisites: Math placement score 3 or 2 or 1 or completion of MATH 10000 (with a C- or better). (S,Y)

Attributes: 2A, NS

3 Credits

PHYS 17200 Earth: Evolution of a Habitable World with Lab (LA)

Formation and evolution of planet Earth from the astronomer's perspective: creation of elements, the first rocks, development of oceans, the first atmosphere, formation of the moon, records of climate history, and how life on Earth fits into the context of life in the universe. Examination of Venus and Mars as possible analogs for Earth's evolution (past and future). Other topics include the influence of the sun on Earth's climate, the greenhouse effect, the geologic record of the development of continents, and the asteroid and comet impact hazard. Emphasis is placed on our sources of knowledge, the errors of our measurements, and the attendant model uncertainties in predicting Earth's future. Students enrolled in this course attend the lecture of PHYS 17100, but also meet for an additional weekly lab. Students may not receive credit for both PHYS 17100 and PHYS 17200. Prerequisites: Math placement in group 3 or 2 or 1 or completion of MATH 10000 (with a C- or better). (S,Y)

Attributes: 2A, NS

4 Credits

PHYS 21400 Professional Physics and Astronomy Seminar II (NLA)

Continuation of professional preparation for careers in physics and astronomy. Covers introduction to effective communication skills, effective teamwork strategies, and includes tutorials in software commonly used in physics careers. Students will also engage in a series of discussions about undergraduate research, summer opportunities for research and internships, and careers in physics, and will draft resumes and cover letters. (F,Y)

1 Credit

PHYS 21700 Principles of Physics III: Waves, Optics and Thermodynamics (LA)

The third semester of the introductory sequence for science majors. Topics include the first and second laws of thermodynamics, Maxwell distribution, entropy, geometrical optics, interference, diffraction (single and double slits and gratings), optical spectra, and polarization. Prerequisites: PHYS 11800; MATH 11200. (F,Y)

Attributes: NS

4 Credits

PHYS 21800 Principles of Physics IV: Modern Physics (LA)

A course aimed at giving students a working knowledge of the concepts of modern physics. Topics include the theory of relativity, interaction of photons with matter, quantum theory, the hydrogen atom, statistical and solid state physics, nuclear physics, and elementary particles.

Prerequisites: PHYS 21700. (S,Y)

Attributes: ENRE, NS

4 Credits

PHYS 22500 DC and AC Circuits (LA)

Experiments on DC and AC circuits, with emphasis placed both on test instruments and accurate measurements, and on mathematical analysis and theory (including the use of complex numbers for AC theory). Circuits include steady state and transient RC and RL, and series and parallel RLC. Prerequisites: PHYS 11800; PHYS 12000. (F,Y)

Attributes: ENRE, NS

3 Credits

PHYS 24300 Sustainable Energy: Powering the World (LA)

Survey of energy. Topics include solar, wind, geothermal, electricity, fossil fuels, heat transfer, and the economic and environmental opportunities created by energy efficiency and sustainable energy systems. The course culminates with a final Energy Design Project. Cross-listed as ENVS 24300. Students may not earn credit for both ENVS 24300 and PHYS 24300. Prerequisite: Math placement score 2 or 1 or completion of MATH 10400, MATH 10800, or MATH 11000 (with a C- or better). (S,Y)

Attributes: NS, QL, SC, TQSF

4 Credits

PHYS 28000 Learning Assistant Practicum in Physics (NLA)

This course prepares our undergraduate Learning Assistants with the foundations of pedagogy necessary to assist our introductory physics students with their coursework. Additionally, this course provides procedural support for the Learning Assistants by strengthening students' pedagogical content knowledge. Prerequisites: B or higher in PHYS 10100, PHYS 10200, PHYS 10400, PHYS 11700, PHYS 11800, PHYS 16000, ASTR 17400, or ASTR 17500. (F,S)

1 Credit

PHYS 29400 Introductory Independent Study: Physics (LA)

One-semester course in which a student may pursue a topic of interest in physics. Offered on demand only. May be repeated up to a total of six credits. Prerequisites: Sophomore standing or above; permission of instructor.

0.5-3 Credits

PHYS 29900-29910 Introductory Physics Research (LA)

Original research participation with a faculty member in a specialized field. Prerequisites: Sophomore standing or above; permission of instructor. Six credit limit. (F-S,Y)
0.5-3 Credits

PHYS 30100 Mathematical Methods of Physics (LA)

Algebra of complex numbers and complex functions, vector calculus, introduction to linear algebra, ordinary differential equations, Fourier and Legendre series, and partial differential equations with applications to selected physics topics. There will be several exercises using computer analysis. Prerequisites: COMP 17100; MATH 21100; PHYS 21800. (F,Y)
Attributes: NS
3 Credits

PHYS 30500 Electromagnetism (LA)

An intermediate course in electricity and magnetism that builds on the foundation received in PHYS 11800. Topics include electric and magnetic fields, Gauss's law, electric potential, circuits, Ampere's law, Faraday's law, and Maxwell's equations. There will be several exercises using computer analysis. It is highly recommended that MATH 21200 Calculus IV be taken prior to this course. Prerequisites: COMP 17100; MATH 21100; PHYS 21700. (F,Y)
Attributes: NS
3 Credits

PHYS 31100 Classical Mechanics (LA)

Intermediate mechanics, including statics and dynamics of particles and rigid bodies, central forces, planetary motion, and Lagrange's equations. Extensive computer analysis. Culminates in a computational simulation of a physical system based on the equations of motion. Prerequisites: Either PHYS 30100 or the combination of PHYS 21800, MATH 21400, and MATH 23100. (S,Y)
Attributes: NS
3 Credits

PHYS 31400 Professional Physics and Astronomy Seminar III (NLA)

Continuation of professional preparation for careers in physics and astronomy. Students will practice both written and oral communication skills and model effective teamwork strategies. Students will also engage in a series of discussions about careers in physics, and how to maximize opportunities in the junior and senior years to be competitive in the job market. Prerequisites: PHYS 21400. (F,Y)
1 Credit

PHYS 32000 Thermodynamics (LA)

Topics include laws of thermodynamics with applications, thermodynamic functions and potentials, kinetic theory, real and idealized systems, and intermolecular processes. Prerequisites: PHYS 21700. (S,Y)
Attributes: NS
3 Credits

PHYS 32600 Analog Electronics (LA)

A laboratory course on electronics covering the origination, amplification, processing, and digital conversion of analog signals. Experiments involve bipolar transistors, operational amplifiers, active and passive filters, oscillators, and analog-to-digital and digital-to-analog converters. Emphasis is placed on the basic theory underlying the circuits and devices and on general lab techniques. Prerequisites: PHYS 22500. (S,E)
Attributes: ENRE, NS
3 Credits

PHYS 34000 Linking Science Learning to Science Teaching (LA)

This course reviews the science education literature and discusses successful approaches to helping K12 and college students learn science. The course provides an opportunity for students thinking about careers in teaching science, or serving as a science teaching assistant in graduate school, to consider research-based best practices for helping students learn science. Prerequisite: QL designated course; Junior standing or above. (F,Y)
Attributes: NS
1 Credit

PHYS 36000 Advanced Physics Laboratory (LA)

An advanced laboratory course in which students are expected to conduct four or five investigations in areas such as mechanics, optics, thermodynamics, and electricity and magnetism. Emphasis is placed on the development of good laboratory techniques and data-taking procedures. Students are expected to become familiar with modern developments in instrumentation, formal report writing (in LaTeX), and the statistical basis for data and uncertainty analysis. Includes both independent work and work in teams. Prerequisites: COMP 17100; PHYS 21800; PHYS 22500; PHYS 31400 (may be taken concurrently). (S,Y)
Attributes: ENRE, NS
3 Credits

PHYS 36100 Applied Physics Design Laboratory (LA)

An advanced laboratory course in which students will learn how to apply the engineering design process to identify a design need, consider the associated requirements and constraints of the project, brainstorm design solutions, analyze the proposed solutions to identify the strongest option, build a prototype, and iterate through stages of testing and improvement until a viable end product is produced. Students work as part of a design team with individual responsibilities and will practice presenting their design through "pitches" and customer presentations. All students will complete post-design reflections. Prerequisite: COMP 17100; PHYS 21800; PHYS 22500; PHYS 31400. (F,Y)
3 Credits

PHYS 39400 Intermediate Independent Study: Physics (LA)

One-semester course in which a student may pursue a topic of interest in physics. Offered on demand only. May be repeated for a total of six credits. Prerequisites: PHYS 21800; Junior standing or above; permission of instructor. (IRR)
0.5-3 Credits

PHYS 39800 Senior Thesis Proposal (LA)

Provides opportunity for physics majors to prepare a written proposal in preparation for senior thesis research. Emphasis placed on describing the problem, methodology, equipment, and data analysis needed to successfully complete the research project. Completed proposals are submitted to each student's research advisor for review and approval. Corequisites: PHYS 49900. (S,Y)
Attributes: NS
1 Credit

PHYS 39900-39910 Intermediate Physics Research (LA)

Original research participation with a faculty member in a specialized field. Intended for students with prior experience from PHYS 29900-29910. Prerequisites: Permission of instructor. Six credit limit. (F-S,Y)
0.5-3 Credits

PHYS 41400 Professional Physics and Astronomy Seminar Capstone (LA)

Provides opportunities for students to explore connections between the integrative core curriculum, the physics major, other learning experiences while at Ithaca College or abroad, and future goals. Students will develop a written reflection and engage in career preparation activities.

Prerequisite: Physics majors; senior standing. (F,Y)

Attributes: CP, NS

1 Credit

PHYS 42100 Quantum Mechanics (LA)

Emphasis is placed on understanding the nature of quantum theory and how it differs from classical ideas. Topics include the uncertainty principle, the Schrödinger equation and solutions to various potentials, angular momentum, and the one-electron atom. Prerequisites: Either PHYS 30100 or a combination of PHYS 21800, MATH 21400, and MATH 23100. (F,Y)

Attributes: NS

3 Credits

PHYS 44000 Inquiry and the Nature of Science for the Science Teacher (LA)

Considers issues pertaining to the nature and practice of science, especially as they relate to science education. Explores aspects that distinguish scientific inquiry from other forms of inquiry. Examines safety issues of teaching science in a classroom, and teaching science in the context of the community. Cross-listed with CHEM 44000 and PHYS 44000. Students can receive credit for only one of: BIOL 44000, PHYS 44000, CHEM 44000. Prerequisites: EDUC 34000 and junior standing. (IRR)

Attributes: NS

3 Credits

PHYS 45500 Electrodynamics (LA)

Building on the foundation gained in PHYS 30500, this course completes the mathematical treatment of electromagnetic fields, including: electric and magnetic fields in matter, energy and momentum of EM fields, EM waves, EM potential theory, EM radiation, and special relativity.

Prerequisites: PHYS 30500. (IRR)

Attributes: NS

3 Credits

PHYS 47000-47001 Selected Topics in Advanced Physics (LA)

An advanced course in which students apply their physics skills to advanced topics. Current topics will be chosen based on faculty and student interests and may include environmental science, geophysics, and physics topics such as atomic, condensed matter, nuclear, and optical physics. This course may be repeated for credit for selected topics on different subjects. Prerequisites: PHYS 21800. (Y)

Attributes: NS

1.5-3 Credits

PHYS 48900 Review of Undergraduate Physics (LA)

Review of all the major topics in the physics curriculum, both at the introductory and advanced level. Instruction and practice in taking standardized multiple choice exams, including the Physics GRE. Course culminates in a comprehensive examination. Prerequisites: PHYS 21800; senior standing; Physics majors only. (S,Y)

1 Credit

PHYS 49300 Senior Project Proposal (LA)

First half of the capstone experience in which students design, conduct, and report on a senior project. The final project can be a research paper, theory project, computational project, engineering project, or experimental project. Emphasis placed on independent work. Culminates in a formal written proposal. Prerequisites: PHYS 36000 or PHYS 32600 (may be taken concurrently); WRTG 10600 or equivalent; open only to physics majors. (F,Y)

Attributes: WI

1 Credit

PHYS 49301 Senior Design Team I (LA)

First half of the capstone experience in which students create and begin to implement a solution to a design challenge. Students will pitch a design solution (both orally and in writing) then work in teams to further develop and begin implementing their proposed solution. Students will learn about project management and resources available to organize tasks. Progress reports will provide students with opportunity for reflection and writing practice. The course will culminate in a team demonstration of the in-process design prototype. Prerequisites:

PHYS 31400; PHYS 36100. (F,Y)

2 Credits

PHYS 49500 Senior Project (LA)

Second half of the capstone experience in which students complete a senior project, culminating in a formal written project report. Emphasis placed on independent work. Prerequisite: PHYS 49300; WRTG 10600 or equivalent; open only to physics majors. (S,Y)

Attributes: NS, WI

2 Credits

PHYS 49501 Senior Design Team II (LA)

Second half of the capstone experience in which students complete and present their solution to a design challenge. Students will reinforce project management, communication, and teamwork skills. Progress reports will provide students with opportunities for reflection and writing practice. Students will complete a design report describing their iterative design process and ultimate solution to their design challenge. The course will culminate in a team demonstration of the final design solution. Prerequisites: PHYS 49301. (S,Y)

2 Credits

PHYS 49600 Internship in Physics (NLA)

Designed to offer applications of physics concepts in a setting appropriate to students' interest and training. Internships are arranged individually at the student's request with an instructor and a sponsoring agency and with departmental approval. Students must follow the guidelines of the School of Humanities and Sciences and complete the H&S internship application. Prerequisites: Permission of instructor. 1- (IRR)

1-12 Credits

PHYS 49700 Senior Thesis I (LA)

Capstone experience in which seniors prepare, summarize, present and defend their own basic or applied research in physics in a formal written thesis. Emphasis on development of the first draft of the senior thesis. Prerequisite: WRTG 10600 or ICSM 108xx or ICSM 118xx; PHYS 39800, concurrent enrollment in PHYS 49900-PHYS 49910; open only to physics majors. (F,Y)

Attributes: NS, WI

1 Credit

PHYS 49800 Senior Thesis II (LA)

Capstone experience in which seniors prepare, summarize, and present, their own basic or applied research in physics in a formal written thesis. Completion of final draft of the senior thesis, and presentation of thesis research required. Corequisites: PHYS 49900. Prerequisites: PHYS 49700. (S,Y)

Attributes: NS, WI

1 Credit

PHYS 49900-49910 Advanced Physics Research (LA)

Original research participation with a faculty member in a specialized field. Intended for students with prior experience from PHYS 39900-39910. Prerequisites: Permission of instructor. Six credit limit. (F-S,Y)

0.5-3 Credits

Politics (POLT)

POLT 10100 U.S. Politics (LA)

Institutions, processes, and cultural roots of U.S. politics. Complex interrelationships among a highly specific set of political-economic institutions that have evolved to reflect the conditions of U.S. society: Congress, the presidency, bureaucracy, judiciary, parties, interest groups, media, and the electoral process. This course or its equivalent is required of all majors. (F,S,Y)

Attributes: H, HM, LMSP, LSCO, SO, SS, TPJ, TWOS

3 Credits

POLT 10200 Media and Politics (LA)

The complex and subtle relationships between major political institutions and major communication media. Reporting of significant information about politics, both in the United States and in Europe, and efforts of governments to channel or control media; the American case of the Pentagon Papers and the French ORTF; and the Federal Communications Commission as a focal point in the continuing conflict between government and electronic media. (S,Y)

Attributes: MAP, SCE, SS

3 Credits

POLT 10300 The United States and the World: Politics of Empire (LA)

Examines the political and ideological role of the U.S. as a superpower/ empire in order to explore the relationship between power and violence. Specific focus on the relationship between U.S. foreign policies and global violence and the implications of this relationship for both U.S. citizens and people around the world. (S,E)

Attributes: 1, SS

3 Credits

POLT 12200 Politics and Society (LA)

Analysis of political systems and their relationships with social and economic forces in the context of the U.S. political system, parliamentary democracies, one-party systems, and developing systems. Specific topics for study include the sociocultural base of politics, political change, leadership, and political participation. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,S,Y)

Attributes: LAEL, LAGC, LMSP, LSCO, SO, TPJ, TQSF

3 Credits

POLT 12300 Political Justice (LA)

The definition and analysis of political trials in various cultural and historical contexts as an index of the modern state's expanding claims on individuals and groups. Different perspectives of defense, prosecution, and judgment; media impact; extrajudicial means of repression. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,Y)

Attributes: 1, G, NAPL, NASE, SS

3 Credits

POLT 12800 Introduction to International Relations (LA)

Provides students with different theoretical perspectives on understanding the international system from a social science perspective. Critically examines a range of issues in international relations, including military, economic and cultural issues. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,Y)

Attributes: G, INBG, LMSP, LSCO, SO, SS, TPJ, TWOS

3 Credits

POLT 12900 Explorations in Global and Comparative Studies (LA)

Examines global issues, including culture and identity formation, globalization, human rights, the environment, and militarism. National and international public policies are examined critically and policy alternatives are explored, as are individual responses and responsibilities. Utilizes country case studies, international simulations, literature and film and emphasizes global awareness. (F,S,Y)

Attributes: ADSE, G, HM, INBG, LMSP, LSCO, SO, SS, TIDE, TPJ

3 Credits

POLT 14100 Power: Race, Sex, and Class (LA)

Distribution of power in the United States according to class, sex, and race. What power is, where it comes from, where it is located. Analysis of class, democracy, capitalism, and specific issues they raise for policy making, persons, the family, and corporate power. Counts as a political theory course for politics majors. (S,Y)

Attributes: 1, AN3, DV, G, HM, LMSP, SO, SS, TIDE, TPJ, WGS, WGS1

3 Credits

POLT 14200 Ideas and Ideologies (LA)

Exploration of the philosophical and ideological roots of political life and political inquiry. Concepts such as authority, legitimacy, freedom, and justice are studied, as well as the ideologies of liberation, conservatism, communism, nationalism, and democracy. Analysis of the intellectual wellsprings of modern social and political sciences. Counts as a political theory course for politics majors. (F,S,Y)

Attributes: HM, LMSP, LSCO, SO, SS, TPJ, TWOS

3 Credits

POLT 14300 Understanding Capitalism (LA)

Exploration of the role of class conflict in the making of contemporary political and social life. Application of theoretical and historical materials to assess capitalism's complex relationship to such ideals as progress, freedom, equality, individuality, and justice. Understanding the personal, regional, national, and global scope of capitalism. Counts as a political theory course for politics majors. (Y)

Attributes: 1, HM, SO, SS, TPJ, TWOS

3 Credits

POLT 14400 Global Political Thought (LA)

Explores the global dimensions of political theory. Special attention is given to analyzing how core texts and ideas in western social and political thought have traveled, been translated, understood, and reimagined across various national and geographical boundaries. Counts as a political theory course for politics majors. (F,S,Y)

Attributes: HM, HU, SO, SS, TIDE, TPJ

3 Credits

POLT 14500 Politics of Identity: Race, Ethnicity, Culture (LA)

Explores the impact of race on both individual identities and on the life opportunities afforded to different racial groups in the United States. Focuses on understanding how identity and race are socially and politically constructed in order to devise an anti-racist politics that cuts across racial and cultural differences. Cross-listed with CSCR 14500. Counts as a political theory course for politics majors. (FY)

Attributes: HM, SO, SS, TIDE, TPJ

3 Credits

POLT 19500 Food and Water: Challenges to Sustainability (LA)

This course focuses on several kinds of food and water policy, addressing nutrition, agricultural subsidies, health concerns, and ecological effects. Students will learn to identify the ideological values expressed in different policies. Examines the actors and obstacles involved in defining and shaping our options and choices regarding food and water, and the specific centers of decision-making in all of the branches of government. The course serves as a general introduction to policy. (F,S,Y)

Attributes: ABSS, SO, TQSF

3 Credits

POLT 23000 The Holocaust (LA)

This course surveys the Holocaust. Topics covered include the origins and development of anti-Semitism; the rise of Nazism; the response of European Jews to persecution before and during World War II; the evolution of Nazi policy from repression to genocide; the plight of refugees; the place of the Holocaust in the Nazi plan to create a new racial order in Europe; and the roles of bystanders and rescuers.

Prerequisites: Sophomore standing. (F,Y)

Attributes: G, H, LMEL, LSCO, SS

3 Credits

POLT 29900 Field Study: Politics (NLA)

Opportunity for students to explore and experience facets of political life through work experience and/or field research. Academic credit contingent on completion of study design with departmental faculty member. (Course may not be used to satisfy level-1 distribution requirements.) Prerequisites: POLT 10100; one other course in the social sciences; permission of instructor. (Y)

1-6 Credits

POLT 30100 Legislative Behavior (LA)

Analysis of legislative bodies, with an emphasis placed on the U.S. Congress. State and municipal legislatures, parliamentary legislatures, and other collegial bodies; legislative structures and roles, representation, and apportionment; executive-legislative relations; oversight and investigation; and legislative reform. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: LMSP, SS

3 Credits

POLT 30300 Constitutional Law: Civil Rights and Liberties (LA)

An introduction to constitutional law as it develops in the context of the U.S. political process. Emphasis is placed on civil rights and liberties (freedom of speech, press, and thought; equal protection; rights of the accused; etc.). Court decisions in these areas are related to attitudes and behaviors in the political and social system. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (S,Y)

Attributes: H, LMEL, LSCO, NAPP, NASE, SS

3 Credits

POLT 30400 U.S. Party Politics (LA)

The role of political parties in the U.S. political system, with special attention to the myth and reality of two-party politics. Organization and leadership of parties; election process; campaign strategies and techniques; money and politics; media and politics. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: LMSP, SS

3 Credits

POLT 30500 Urban Politics (LA)

Political forces operating within urban areas; older and larger urban areas and their problems in light of local, state, and national politics and policies. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: ABSS

3 Credits

POLT 30600 U.S. Foreign Policy (LA)

Political and bureaucratic processes central to the formulation of U.S. foreign policy. Readings on the policy-making process; the role of bureaucratic organizations in policy making; and the role of the president, Congress, and Departments of State and Defense. These topics are examined in the context of specific cases such as U.S.-Soviet relations, Sino-American relations, and the Vietnam War. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (F,Y)

Attributes: INBG, LMEL, LMSP, LSCO, SS

3 Credits

POLT 30900 Personality and Politics (LA)

Linkages between political life and the development of individual personality. Problems of political thinking and consciousness are analyzed for individual citizens, small groups, and political leaders. Consideration of political biographies and public opinion materials. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 31000 Supreme Court in U.S. Politics (LA)

Summarizes, surveys, and analyzes Supreme Court decision making in terms of an explicit theoretical framework concerning the court's essential functions within the U.S. political system. Provides students with a nontechnical explanation of the activities of the Supreme Court – what the court does, why it does what it does, and what effects the court's activities have had on U.S. society. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (Y)

Attributes: LMEL, LSCO, SS

3 Credits

POLT 31900 Selected Topics in U.S. Politics (LA)

Matters of special contemporary interest to students and faculty may be developed under this course heading. May be repeated for credit for selected topics on different subjects. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 32000 ST: US Politics (LA)

Matters of special contemporary interest to students and faculty may be developed under this course heading. May be repeated for credit for selected topics on different subjects. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: LAEL, LMEL, LSCO, SS

3 Credits

POLT 32100 Contemporary British Politics (LA)

Introduction to the British political system. Functioning of governmental institutions, the class base of politics, political parties, elections, interest groups in policy process, and current issues confronting the British polity. Comparisons with U.S. political institutions and processes. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. Offered only through the London Center. (F-S,Y)

Attributes: INBG, SS

3 Credits

POLT 32200 British Foreign Policy (LA)

Examination of Britain's historical role in world affairs as a great power and imperialist state, and of the forces leading to decline. Emphasis also is placed on the British position in East-West relations, relations with Europe and the EC, the role of the Commonwealth today, the foreign policy-making processes, partisan differences among political parties, and current issues such as the nuclear arms debate and relations with South Africa. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. Offered only through the London Center. (F,Y)

Attributes: SS

3 Credits

POLT 32300 Race and Colonialism (LA)

This course engages colonialism as a set of racial and material practices that shaped the identities of the colonizers and the colonized as much as it did the global political economy. Three themes in particular will guide our engagement: the racial overtones and undertones of the colonial encounter, especially as embodied in the ideas of discovery, barbarism, and progress; the psychological dynamics of the relationship between the colonizers and the colonized; and the politics of oppression and liberation. Cross-listed with CSCR 30700. Prerequisites: Junior standing. (Y)

Attributes: AASE, ADSE, LXME, NASE, SS

3 Credits

POLT 32400 Communist and Post-Communist Societies (LA)

Primary focus on the transition from Communism to post-Communism during the late 1980s and early 1990s. Social, political, and economic causes of this transition mainly in the Soviet Union, Eastern Europe, and China are examined. Special attention is given to exploring and developing a general theoretical explanation for this unique historical process. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (F)

Attributes: INBG, SS

3 Credits

POLT 32500 Chinese Politics (LA)

Revolutionary change in modern China: historical survey of China from 1911 to 1949, with attention to development of the Chinese Communist party; rise of Mao Tse-tung and evolution of Maoist thought; and the People's Republic from 1949 to the present, with focus on political and social transformation of Chinese society. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (S,O)

Attributes: AASE, INBG, SS

3 Credits

POLT 32600 Russian Politics (LA)

The focus is on the new Russian state, from Boris Yeltsin onward, looking at the internal conflicts and external forces that shape the Russian experience, as well as continuities with the Soviet system. Considers the effect of Russian culture and nationalism on politics, looking in particular at the "Russian idea" of a uniquely Russian path of development superior to the Western experience. Draws on the Russian experience in order to cast light on questions such as what is democracy, what is the best way to democratize, what are the tensions between democracy and capitalism, and what is the difference between socialism and capitalism. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (F,Y)

Attributes: INBG, SS

3 Credits

POLT 32700 The Politics of Development (LA)

The struggle of third-world peoples to improve their economic position and political power in the international system. Special attention is given to problems of development in Latin America and Africa and to the role played by industrial societies in the development process. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (S,O)

Attributes: ABSS, AN3, ENSS, ESPE, ESSS, INBG, LAEL, LAGC

3 Credits

POLT 32800 International Conflict (LA)

Study of nationalism, conflict among nations, the role of force and violence, cold wars and arms competitions, ideological conflicts, similarities and differences between national conflict and international conflict, and techniques of conflict resolution. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (F,Y)

Attributes: LMEL, LMSP, LSCO, SS

3 Credits

POLT 32900 Comparative Politics of the Global South (LA)

Critically examines the impact of the emergence of a capitalist world economy on Asian, African, and Latin American societies, and explores Global South internationalism, 'subaltern' knowledge production, and emerging forms of political struggle against colonialism, local and global inequalities, racism, gender, labor discriminations, and ecological devastation. Objectives are to specify the common features, particularities, and challenges of Global South countries, international relations and solidarities, and to examine efforts to shift geopolitical power relations and solidify political projects towards a fairer and equal world. The methodology is comparative and historical. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,S,IRR)

Attributes: INBG, LAGC, SS

3 Credits

POLT 33000 European Politics (LA)

Focuses on changes and continuities in European identity and democracy, and other trends and issues that Europe is facing at the start of the 21st century. Looks at institutions and parties of major European states as well as of the European Union, and at the transition to liberal political and economic systems in Eastern Europe. Also considers issues of citizenship, immigration, racism, and nationalism in all parts of Europe. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (S,Y)

Attributes: INBG, SS

3 Credits

POLT 33100 Latin American Politics (LA)

Undertakes a comparative political analysis of nations in the region called Latin America – Central and South America and the Caribbean. Includes a systemic analysis of intraregional relations, especially Latin America-U.S., and interregional relations between Latin America and Europe, Africa, Asia, and Russia. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (F,E)

Attributes: INBG, LSCI, LXME, SS

3 Credits

POLT 33200 Africa through Film: Images and Reality (LA)

Challenges popular Western representations of the African continent through a study of representation and reality and interrogates the foundation of these constructs. Emphasizes the need for media literacy and exposure to counter-narratives in the study of African countries and explores African politics, historiographies, and contemporary issues through extensive readings and a comparative analysis of diverse films from Hollywood, radical African filmmakers, and popular African cinema. Materials include "Coming to America," "Flame," and "Lumumba." Students apply sociopolitical analysis to the subject matter, uncovering for instance, apartheid ideology behind the portrayal of Africans in the film "The Gods Must Be Crazy." Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. (F,Y)

Attributes: 1, ADCI, ADSE, G, H, INBG, MAP, SCE, SS

3 Credits

POLT 33300 Understanding Islam (LA)

This course aims to facilitate an understanding of Islam within two overlapping contexts: one is the political, historical, and ideological encounter between Islam and the West that has shaped Western attitudes toward the religion. The other is how Muslims experience Islam as both a system of beliefs about the divine (religion and theology) and as lived reality (history and politics). Topics range from scriptural conceptions of God, human creation, sex and gender relationships, and war and violence to mysticism, from the encounters of early medieval Europeans with Islam to post 9/11 debates on Islam and terrorism. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Three courses in the social sciences. (S,Y)

Attributes: INBG, SS

3 Credits

POLT 33400 Politics of Rights and Culture (LA)

Investigates controversial issues, including philosophical and legal debates that emphasize the lack of whether human rights are truly universal. Explores the contradictory ways in which religious, social, and cultural forces, gender and class struggles, and structural global inequalities generate diverse concepts of moral rights, justice, freedoms, and protections. Uses case studies and critical questions such as that posed by Mahmood Mamdani: "Can a culture of individual rights coexist with the right of every individual to practice one's culture?" Provides comparative studies of the United States, Latin America, Aisa, and the Middle East but focuses primarily on African countries and their contributions to human rights discourses and practice. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (S,O)

Attributes: INBG, LMEL, LMSP, LSCO, SS

3 Credits

POLT 33500 Crossing Borders/Global Migration (LA)

The movement of people across borders – as refugees and as workers – is a central political issue throughout the world, at times even becoming the focus of violence. The course focuses on the causes of these movements, as well as on questions migration raises about the meaning of borders and the link between identity, culture, and politics. This course uses a range of texts – journalistic accounts, academic writings, fiction, films, and the words of migrants themselves. We examine migrations at the global level, including the United States, as well as at the local level, including migrant workers in western New York. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (O)

Attributes: ABSS, AN3

3 Credits

POLT 33600 Whiteness and Multiculturalism (LA)

This course interrogates the concept of whiteness and relates it to conceptualizations of multiculturalism, tackling these issues at both theoretical and empirical levels, drawing on cases from the United States as well as from other societies. The goal of the course is to foreground the category "white" and to recognize the meanings of this category, the effect it has on white and non-white individuals, and the direct relationship of whiteness to power. It also seeks to bring about a critical rethinking of the concept of multiculturalism by linking the study of whiteness to policies of multiculturalism. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisite: Sophomore standing. (E)

Attributes: ADCI, ADSE, AN3, LMEL, LSCO, SS

3 Credits

POLT 33700 Politics of Memory (LA)

Exploration of the political and social dilemmas surrounding concepts such as collective memory, truth, justice, confession, forgiveness, healing, and reconciliation in sociopolitical spaces. How, for instance, will the political suppression or mobilization of memory vie for space with efforts to address the systematization of unconscionable crimes against humanity and create a just peace? What lessons do the experiences of South Africa, the United States, Chile, and Rwanda offer other polarized societies? Students engage memory theory and the narratives of victims and perpetrators in examining Czech writer Milan Kundera's suggestion that "the struggle of man against power is the struggle of memory against forgetting." Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (IRR)

Attributes: NASE, SS

3 Credits

POLT 33900 Political Economy of the Middle East (LA)

Analyzes the political economy of the Middle East from a historical and theoretical perspective. Explains the nature of socioeconomic change through analysis of the relationships among state, class, and economic development. Topics include the nature and role of the economy and the state, the processes of class formation, the role of women, the Arab-Israeli conflict, and U.S. interests in the region. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (F)

Attributes: INBG, SS

3 Credits

POLT 34000-34054 Selected Topics in Comparative-International Studies (LA)

Matters of special contemporary interest to students and faculty may be developed under this course heading. This arrangement permits departmental offerings to be responsive to evolving faculty and student interests. This course may be repeated for credit when topics change. Counts as a Comparative & International Studies course for politics majors and international politics minors. Selected Topics with course numbers from 34050 to 34099 count as "place" courses for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 34100 U.S. Political Thought (LA)

The writings of U.S. political thinkers from the Puritans to the present. Focus on questions of equality, rights of the individual, the role of community, relationship between the people and their leaders, the nature of change, and the place of education and religion in the United States. Counts as a political theory course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 34200 Liberalism and Marxism (LA)

Treats several important political ideas and questions from a feminist, as well as a Marxist, perspective through historical political theory. The first part of the course addresses the division of labor in society and its relationship to private property and alienable labor; the second deals with the treatment of the sexual division of labor. Some of the key issues are conceptions of human nature: What is natural or innate? What is social? What necessitates government? The course also looks at issues of reform or revolution. In essence, students examine classical liberalism as the ideology supporting the capitalist system. Primary readings from historical theorists (Locke, Hobbes, Rousseau, Mill, Marx, Goldman, and Luxemburg). Counts as a political theory course for politics majors.

Prerequisites: Sophomore standing. (F,Y)

Attributes: LMEL, LMSP, LSCO, SS

3 Credits

POLT 34300 Feminist Theory (LA)

Discussion of theories of women's oppression, historical and contemporary. In this sense it is a study of feminist ideology as it has been developed by Mary Wollstonecraft, the early American feminists, Emma Goldman, J. S. Mill, socialist literature, and radical feminism. Key questions to be discussed throughout are the issues of the sexual division of labor; the acceptance or rejection of the issues of the sexual division of labor; and the acceptance or rejection of the connection between sexual and class oppression. We will be trying to develop a synthesis of much of the literature in order to assess and compare the contemporary women's movement with historical forms of women's struggle. Counts as a political theory course for politics majors.

Prerequisites: Sophomore standing. (IRR)

Attributes: SS, WGS, WGS3

3 Credits

POLT 34400 Contemporary British Political Theory (LA)

Particular emphasis is placed on the controversy concerning the responsibility of the state for economic and social equality. Attention is given to the concepts of freedom and equality and the ideas of market system liberalism, social democracy, socialism, Marxism, conservatism, and neoconservatism. Counts as a political theory course for politics majors. Prerequisites: Sophomore standing. Offered only through the London Center. (S,Y)

Attributes: SS

3 Credits

POLT 35000-35004 Selected Topics in Political Theory (LA)

Focus on particular areas of political theory that are not covered in other 30000-level theory courses. This arrangement permits departmental offerings to be responsive to evolving faculty and student interests. Counts as a political theory course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 35005 ST: Political Theory (LA)

Focus on particular areas of political theory that are not covered in other 30000-level theory courses. This arrangement permits departmental offerings to be responsive to evolving faculty and student interests. Counts as a political theory course for politics majors. Prerequisites: Three courses in social sciences or equivalent. (IRR)

Attributes: SS

3 Credits

POLT 35006-35009 Selected Topics in Political Theory (LA)

Focus on particular areas of political theory that are not covered in other 30000-level theory courses. This arrangement permits departmental offerings to be responsive to evolving faculty and student interests. Counts as a political theory course for politics majors. Prerequisites: Three courses in social sciences or equivalent. (IRR)
3 Credits

POLT 36200 Theory and Politics of Public Policy (LA)

Selected public policy issues; development, formulation, execution, and evaluation. Theories of the policymaking process, such as rationalism, incrementalism, and systems analysis, with a view toward understanding their analytical and explanatory power. Counts as a public policy course for politics majors. Prerequisites: ECON 12100; two additional courses in social sciences or equivalent. (F,Y)

Attributes: SS

3 Credits

POLT 36300 Politics of Equality (LA)

Examines equality and inequality from a variety of perspectives, including philosophical, socioeconomic, and public policy analysis, as well as problems entailed in defining and justifying equality as a political and socioeconomic goal. Explores interpretations of the human consequences of inequality. Analyzes equality as a political problem in capitalist and socialist societies. Counts as a public policy course for politics majors. Prerequisites: Sophomore standing. (S,Y)

Attributes: SS

3 Credits

POLT 36400 Law and Public Policy (LA)

Gives a sense of the important place of public law in the policy-making process and examines how legal education shapes legal thinking. Considers the role of courts in forming policies related to housing, school desegregation, mental health care, prison reform, AIDS, and the environment. Contract theory is analyzed as it relates to issues like surrogate motherhood. Covers selected criminal law issues, such as those related to rape. Students evaluate the strengths and limitations of using legal approaches to the formulation of policy options. Counts as a public policy course for politics majors. Prerequisites: Two politics courses; one course in sociology, history, philosophy, economics, or introduction to law. (S,Y)

Attributes: SS

3 Credits

POLT 36500 The Politics of Health (LA)

Introduction to issues in health policy as they relate to the general organization of political life in the United States. Methods for the allocation of scarce medical resources, such as markets, political devices, and lotteries, are analyzed and compared. AIDS is examined as a major public health problem. We consider genetic and procreative issues, including the politics of in vitro fertilization, surrogate motherhood contracts, abortion, and genetic engineering. Counts as a public policy course for politics majors. Prerequisites: Two politics courses; one course in sociology, history, philosophy, or economics. (F,Y)

Attributes: SS

3 Credits

POLT 36600 Environmental Politics (LA)

Examines environmental protection (and destruction) from numerous political perspectives and in relation to various political ideologies. Looks at policy-making aspects of environmental protection. Traces the development of national and international environmental movements. Considers environmental issues in terms of race, gender, and class politics. Prerequisites: Sophomore standing. Cross-listed with ENVS 36600; students cannot receive credit for both POLT 36600 and ENVS 36600. (Y)

Attributes: ABSS, LMEL, LSCO

3 Credits

POLT 37000 Selected Topics in Public Policy (LA)

Matters of special contemporary interest to students and faculty may be developed under this course heading. This course may be repeated for credit for selected topics on different subjects. Counts as a public policy course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 39800 Practicum in International Governance (NLA)

Students prepare for and participate in simulated international negotiations at Model United Nations or Model European Union events. Students adopt the roles of representatives of our assigned countries, and work with other delegates to write resolutions that propose answers to the questions facing their committees. Participation in the conferences is required. Students may incur some additional costs as a result of domestic off-campus travel. International conferences will require additional fees and costs. Students must be members of the Model UN or Model EU team to be permitted to enroll. Course may be repeated for up to three credits. Prerequisites: Permission of instructor. (F-S,Y)

1 Credit

POLT 40100-40114 Seminar: Comparative and International Studies (LA)

Small group settings designed to permit intensive examination of selected topics not provided elsewhere in the curriculum. Seminar topics change from year to year. This course may be repeated for credit for selected topics on different subjects. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Junior/senior standing; one POLT course. (F-S,Y)

Attributes: SS

1-4 Credits

POLT 40200-40210 Seminar: Politics (LA)

Small group settings designed to permit intensive examination of selected topics not provided elsewhere in the curriculum. Seminar topics change from year to year. This course may be repeated for credit for selected topics on different subjects. Prerequisites: Junior/senior standing; one POLT course. (F-S,Y)

Attributes: SS

1-4 Credits

POLT 40300-40310 Tutorial: Comparative and International Studies (LA)

Individual investigation of selected topics in politics through readings, written reports, and essays under tutorial supervision. This course may be repeated for credit when topics change. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Junior/senior standing and one POLT course. (F-S,Y)

Attributes: SS

1-4 Credits

POLT 40400-40410 Tutorial: Politics (LA)

Individual investigation of selected topics in politics through readings, written reports, and essays under tutorial supervision. This course may be repeated for credit when topics change. Prerequisites: Junior/senior standing and one POLT course. (F-S,Y)

Attributes: SS

1-4 Credits

POLT 40500-40501 Internship: Politics (NLA)

Permits students to explore politics through a variety of governmental and nongovernmental work experiences. Students are expected to perform full-time work for academic credit and to submit, as part of their course obligations, a thorough written evaluative report based on their experiences. Internships may be taken at national, state, and local levels, in London under the auspices of the Ithaca College London Center, as well as in other international locations. Prerequisites: Junior/Senior standing; permission of instructor. (F-S,Y)

1-12 Credits

POLT 40550-40551 Internship: International Studies (NLA)

Permits students to explore politics through a variety of governmental and nongovernmental work experiences. Students are expected to perform full-time work for academic credit and to submit, as part of their course obligations, a thorough written evaluative report based on their experiences. Internships may be taken at national, state, and local levels, in London under the auspices of the Ithaca College London Center, as well as in other international locations. Prerequisites: Junior/Senior standing; permission of instructor. (F-S,Y)

1-12 Credits

POLT 49900-49901 Directed Study: Politics (LA)

The program of study may be a reading program of materials of special interest to the student, or involve development and execution of a research project on a specific topic. Reading or research is undertaken under faculty direction. Prerequisites: Three courses in social sciences or equivalent; permission of instructor. Variable credit (1-5). (F-S,Y)

Attributes: SS

1-5 Credits

POLT 49950-49951 Directed Study: International Studies (LA)

The program of study may be a reading program of materials of special interest to the student, or involve development and execution of a research project on a specific topic. Reading or research is undertaken under faculty direction. Prerequisites: Junior/Senior standing; permission of instructor. (F-S,Y)

Attributes: SS

1-5 Credits

Psychology (PSYC)

PSYC 10000 The Psychology of Adjustment (LA)

Introduction to the psychology of human behavior; intended for non-psychology majors who want a broad overview of those aspects of psychology most relevant to problems of living. (F,S,Y)

Attributes: 1, SO, SS, TMBS

3 Credits

PSYC 10300 General Psychology (LA)

Introduction to the study of behavior, focusing on the influences of physiological, cognitive, social, and personality factors on behavior, including discussion of the major theories in psychology and related research. (F,S,Y)

Attributes: 1, SO, SS, TMBS

3 Credits

PSYC 10400 Introduction to Developmental Psychology (LA)

Introduction to the study of developmental processes, with an emphasis placed on genetic and environmental influences on the organism's physical, cognitive, social, and personality development across the life span. (F,S,Y)

Attributes: 1, SO, SS, TIDE

3 Credits

PSYC 11000 Media Literacy and the Psychology of Inquiry (LA)

This course serves as an introduction to the theory and practice of media literacy with an emphasis on developing skills in analysis and evaluation of media messages, as well as developing an understanding of critical thinking and the psychological processes involved in perception and media effects. Using an interdisciplinary approach that draws from many fields (including communications, psychology, and education), the course includes analyses of messages from both digital (e.g., websites) and traditional (e.g., print, TV, film) popular and educational media, and examines the effects of media messages on beliefs, attitudes, and behaviors. For psychology majors, this course counts towards the Sociocultural Competence requirement. Open to freshmen and sophomores only. (S,Y)

Attributes: CC, SO, TIII

3 Credits

PSYC 11400 Psychology Professional Development I (LA)

Introduction to the profession of psychology, career opportunities for psychology majors, the psychology program at Ithaca College, APA style and professional communication in psychology. Introduction to published psychological literature, writing for the discipline, research procedures, and data collection skills. Open only to psychology/applied psychology majors. Prerequisites: PSYC 10300 (may be taken concurrently). (F-S,Y)

Attributes: SS

3 Credits

PSYC 15300 Selected Topics: Psychology (LA)

Courses offered on various topics chosen by faculty members or resulting from students' requests. This course may be repeated for credit when topics vary. Prerequisites appropriate to the course level will be announced when course descriptions are distributed. Offered on demand only.

Attributes: NS

1-3 Credits

PSYC 20200 Motivation (LA)

Examination of the biological, cognitive, and social aspects of psychological motivation. Covers principal theories of motivation, research methods and findings, as well as applied issues. For psychology majors, this course satisfies the required APA Communication Skill development. Prerequisites: PSYC 10300; WRTG 10600, ICSM 10800, or ICSM 11800. (F,S,Y)

Attributes: 1, ACS, WI

3 Credits

PSYC 20700 Statistics in Psychology (LA)

Introduction to the computation and interpretation, application, and communication of basic descriptive and inferential statistics used in the behavioral sciences. Emphasis is placed on analyzing data using statistical software (SPSS). Prerequisites: Math group 1, 2, or 3; PSYC 10300 or PSYC 10400. (F,S,U,Y)

Attributes: 2B, ESTS, NS, QL

4 Credits

PSYC 20800 Positive Psychology (LA)

Exposure to important theories and concepts in the field of positive psychology, including the determinants of happiness, positive emotions, resilience, and optimism. For psychology majors, this course satisfies the APA Communication Skill development requirement. Prerequisites: PSYC 10300. (Y)

Attributes: ACS

3 Credits

PSYC 21700 Mental Health in Historical and Social Contexts (LA)

Explores the historical and contemporary contexts of mental health and distress from both sociological and psychological perspectives. Examination of the social construction of mental health through time, and consideration of how social and cultural factors such as race, class, and gender intersect with diagnostic paradigms and clinical treatment models employed by practitioners. For psychology majors, this course counts towards the Sociocultural Competence requirement. Cross listed as SOCI 21700. Students may not receive credit for PSYC 21700 and SOCI 21700. Prerequisite: Restricted to Counseling minors; one 100-level sociology course or PSYC 10300. (F,Y)

Attributes: CC, DV, LMEL, LSCO, SO1, SS

3 Credits

PSYC 23100 Health Psychology (LA)

Examines the ways in which biology, behavior, and social context influence health and illness, as well as the contributions of psychological research to the understanding, prevention, and treatment of a variety of health concerns. Prerequisites: Sophomore standing. (Y)

Attributes: SO, SS, TMBS

3 Credits

PSYC 23200 Matters of the Mind: The Neuron and Beyond (LA)

Introduces the basic principles of neuroscience with a focus on the scientific exploration of neurological impairments. Examines the role of the human brain in interpreting the physical world and forming concepts of ourselves, society and 'reality'. Prerequisite: sophomore standing. (F,S,Y)

Attributes: NS, SC, TMBS

3 Credits

PSYC 23500 Conservation Psychology: Psychology for a Sustainable World (LA)

Application of psychological science to understanding reciprocal relationships between psychological well-being, environmental sustainability, social-environmental justice, and mitigating human-caused environmental problems. For psychology majors, this course counts towards the Sociocultural Competence requirement. Prerequisites: Sophomore Standing. (S,Y)

Attributes: CC, ENSS, ESSS, SO, SS, TQSF

3 Credits

PSYC 24700 Culture and Psychology (LA)

Introduces the perspective and methods of Cultural Psychology. Focal point is the relationship between cultural context where individuals grow and develop and the behaviors that become established in the repertoire of individuals growing up in a particular culture. This course will help students to recognize and challenge their own assumptions about "human nature," the "person," and what is "natural." For psychology majors, this course satisfies the APA Communication Skill Development requirement and counts towards the Sociocultural Competence requirement. Prerequisites: PSYC 10300; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (Y)

Attributes: 1, ACS, CC, G, HN, WI

3 Credits

PSYC 25300 Selected Topics: Psychology (LA)

Courses offered on various topics chosen by faculty members or resulting from students' requests. This course may be repeated for credit when topics vary. Prerequisites appropriate to the course level will be announced when course descriptions are distributed. Offered on demand only.

1-3 Credits

PSYC 26000 Psychology of Privilege and Oppression (LA)

This course explores and analyzes the complex intersections of social group identity based on race, gender, sexuality, class, and other dimensions of difference within systems of privilege and oppression. Students also analyze the underlying mental processes associated with privileged group membership (e.g. denial, distancing, invisibility). The course aims to establish a foundation upon which to develop sociocultural competence and promote a better understanding and acceptance of ourselves and others. For Psychology majors this course counts toward the Sociocultural Competency requirement. Prerequisites: PSYC 10300 or PSYC 10400. (F,S,Y)

Attributes: CC, CNSL, DV, LMEL, LSCO

3 Credits

PSYC 26100 Psychology of Women (LA)

In-depth examination of the psychology of women in contemporary society. Review of the research on gender differences and consideration of the theories (social learning, psychoanalytic, and biological) that have attempted to explain the differences. Focuses on some of the central experiences of women's lives (including relationships, work, mothering, sexuality, and mental health), with particular attention to the ways in which women's psychological development differs from that of men's in a patriarchal society. For psychology majors, this course counts towards the Sociocultural Competence requirement. Cross-listed with WGST 26100. (F,Y)

Attributes: 1, CC, CNSL, DV, SS, WGS, WGSC

3 Credits

PSYC 27000 Social and Cultural Issues in the History of Psychology (LA)

Survey of psychology's cultural roots and the development of the discipline. Emphasis on the roles of culture, race, and ethnicity in the development and practice of psychology. For psychology majors, this course satisfies the APA Communication Skill development requirement. Prerequisites: PSYC 10300; WRTG 10600, ICSM 10800, or ICSM 11800. (F,Y)

Attributes: ACS, CC, LMEL, LSCO, WI

3 Credits

PSYC 30200-30215 First Semester Research Team (LA)

The first of three semesters of participation in programmatic research by teams of students under the direction of one or more faculty members. Prerequisites: PSYC 30800 (may be taken concurrently); permission of instructor. (F-S,Y)

Attributes: UND

2 Credits

PSYC 30300-30313 Second Semester Research Team (LA)

The second of three semesters of participation in programmatic research by teams of students under the direction of one or more faculty members. Prerequisites: PSYC 30200-30299. (F-S,Y)

Attributes: UND

2 Credits

PSYC 30400-30413 Third Semester Research Team (LA)

The third of three semesters of participation in programmatic research by teams of students under the direction of one or more faculty members. In consultation with the supervising faculty member this course may be repeated for up to four credits. Prerequisites: PSYC 30300-30399. (F-S,Y)
Attributes: UND
2 Credits

PSYC 30800 Research Methods in Psychology (LA)

Analysis of methodological designs used in psychological research and application of statistical methods for behavioral sciences, with special emphasis placed on the experimental method. Students should be able to use SPSS on the computer. Prerequisites: PSYC 20700. (F-S,Y)
3 Credits

PSYC 30900 Methods of Testing and Assessment (LA)

Behavioral measurement in the context of psychometrics, presented with examples and demonstrations from the areas of "intelligence," aptitude, achievement, interest, and personality assessment. The ethical and technical challenges of test selection, administration, and interpretation are discussed. Prerequisites: PSYC 20700. (F-S,Y)
3 Credits

PSYC 31100 Behavioral Neuroscience (LA)

Study of the anatomical structures and biochemical and physiological processes that affect and mediate the emotional, psychological, and behavioral states of the organism. Prerequisites: PSYC 20100, PSYC 20200, PSYC 20500, PSYC 20700, BIOL 20600, BIOL 22700, or SLPA 21200. (F-S,Y)
Attributes: 2A, NS
3 Credits

PSYC 31200 Behavioral Neuroscience Lab (LA)

Designed to complement PSYC 31100. Students take part in demonstrations and hands-on work with the variety of techniques necessary to understand behavioral neuroscience, including surgery, anatomy, histology, and electrical stimulation and recording. Prerequisites: PSYC 31100 (may be taken concurrently). (F-S,Y)
Attributes: NS
2 Credits

PSYC 31600 Social Psychology (LA)

Study of the psychological determinants of social behavior and interpersonal processes, as well as the social determinants of the development of self-concept, beliefs, and attitudes. Prerequisites: One 200 level PSYC course (excluding PSYC 20700). (F-S,Y)
Attributes: 1, SS
3 Credits

PSYC 32000 Personality (LA)

This course presents an overview and encourages critical analysis of the major perspectives (e.g. trait, biological, cross-cultural, psychodynamic, cognitive), scientific issues, applications, and research findings in the area of personality. Prerequisites: One 200 level PSYC course (excluding PSYC 20700). (F,Y)
Attributes: SS
3 Credits

PSYC 32100 Abnormal Psychology (LA)

Introduction to dynamics of abnormal behavior with special emphasis on the etiology, diagnosis, treatment and evaluation of interventions for psychiatric diagnoses and common forms of psychological distress. Prerequisites: One 200-level course from the following list: 200 level PSYC course (except PSYC 20700) SOCI 21700, OTBS 20100 or OTBS 20200; or PSYC 10400 and RLS 24300. (F-S,Y)
Attributes: SS
3 Credits

PSYC 33000 Cognition (LA)

Topics in cognitive psychology, including perception, attention, memory, language, problem solving, decision making, and reasoning. Developmental changes, individual differences in cognitive skills, and applications of cognitive research to fields such as law, education, and business are considered. Prerequisite: One 200 level PSYC course (except PSYC 20700), or PSYC 10300 and either BIOL 11900 or BIOL 12100. (F-S,Y)
Attributes: 2A, NS
3 Credits

PSYC 33400 Industrial and Organizational Psychology (LA)

Overview of the application of psychology to the behavior of people in workplace settings. Topics include personnel psychology, organizational behavior, workplace design, and consumer psychology. Prerequisites: One 200 level PSYC course (excluding PSYC 207000), MGMT 20600, or STCM 21000. (S,O)
Attributes: SS
3 Credits

PSYC 33600 Forensic Psychology (LA)

Application of psychology to the civil and criminal justice systems. Emphasis on psychology's role in criminal investigation, legal decision making, assessment of competency and insanity, and understanding and predicting criminal behavior. Prerequisites: PSYC 10300 and one 200 level PSYC course (excluding PSYC 20700), or GBUS 20300. (S, E).
Attributes: CNSL
3 Credits

PSYC 34100 Forms of Therapy (LA)

Introduction to modalities of individual psychotherapy, including cognitive-behavioral, humanistic, and psychodynamic. Goals include achieving an understanding of therapeutic modalities as well as an appreciation of issues related to pharmacological treatments and methods of evaluating the outcome of treatment interventions. For psychology majors, this course counts towards the Sociocultural Competence requirement. Prerequisite: PSYC 32100. (S,Y)
Attributes: CC, SS
3 Credits

PSYC 34200 Family Therapy (LA)

Survey of current approaches to family and couples counseling. Emphasis on systemic models of family functioning and therapeutic intervention. Assessment techniques, intervention rationales and the role of the family therapist. For psychology majors, this course satisfies the APA Communication Skill development requirement. Prerequisites: PSYC 32100, or SOCI 21700/PSYC 21700. (F,Y)
Attributes: CC
3 Credits

PSYC 35100 Independent Supervised Study (LA)

In-depth study of topic of interest in psychology, chosen in consultation with supervising instructor. A student may undertake more than one independent study. Offered on demand only. Prerequisites: Consent of instructor. Variable credit (commensurate with the complexity of the study). (IRR)

Attributes: UND

1-5 Credits

PSYC 35200 Independent Supervised Research (LA)

Students conduct empirical research on a topic selected in consultation with the instructor. Students may undertake more than one independent supervised research project. Offered on demand only. Prerequisites: Consent of instructor. Variable credit (commensurate with the complexity of the project). (IRR)

Attributes: UND

1-5 Credits

PSYC 35300 Selected Topics: Psychology (LA)

Courses offered on various topics chosen by faculty members or resulting from students' requests. This course may be repeated for credit when topics vary. Prerequisites appropriate to the course level will be announced when course descriptions are distributed. Offered on demand only.

1-3 Credits

PSYC 35400 Psychology Laboratory Assistant Seminar (NLA)

A training course for students who have been selected as lab assistants for PSYC 11400. Designed to provide students with skills in teaching, leading group discussion, and scoring assignments. Prerequisites: PSYC 11400; PSYC 20700; Permission of instructor. (F,Y)

1 Credit

PSYC 36100 Infant, Child and Adolescent Development (LA)

This course focuses on the early part of the lifespan development and will emphasize the basic theories and research methods in the field of developmental psychology. Topics include brain development, parenting, identity, moral reasoning, child psychopathology, and challenges in adolescence. For psychology majors, this course counts towards the Sociocultural Competence requirement. Prerequisites: Any 200 level PSYC course (except PSYC 20700); sophomore standing. (S,Y)

Attributes: CC

3 Credits

PSYC 36600 Adulthood and Aging (LA)

Examination of the biological, cognitive, and socioemotional process across the adult lifespan, from emerging and early adulthood through late adulthood and death, with an emphasis on major developmental theories and methods of study. For psychology majors, this course counts towards the Sociocultural Competence requirement. Prerequisites: PSYC 10400 or any 200-level course (except PSYC 20700); sophomore standing. (F,Y)

Attributes: I, CC, CNSL, SL, SS

3 Credits

PSYC 39800 Psychology Professional Development II (NLA)

Exploration of career opportunities and options for individuals with an undergraduate degree in psychology or applied psychology, including graduate school (or other professional training) and employment in a related field. Psychology majors and applied psychology majors only. (Y)

1 Credit

PSYC 40900 Skills for the Helping Professional (NLA)

This course introduces students to theory and practice of psychotherapy and other professional helping relationships. Students learn about counseling, assessment, ethics, and helping skills. This course emphasizes basic and specialized skills necessary to function effectively in a helping relationship. Emphasis is placed upon understanding the nature of the helping process in a practical and applied way. Professional helping is explored in the context of cultural competency and a biopsychosocial viewpoint. Self-exploration and some level of self-disclosure are required inasmuch as effective counseling requires the ability to understand oneself and to articulate personal feelings. Prerequisites: SOCI 21700; PSYC 32100; and PSYC 34100 OR PSYC 34200 (courses may be taken concurrently). (F,S,Y)

3 Credits

PSYC 42000 Professional Seminar in Human Services (NLA)

An opportunity for students enrolled in internships in human services agencies to analyze and discuss individual and general problems related to their experiences. Weekly seminar meetings focus on integration of internship experiences with issues in the human services field, including structure of mental health delivery and patient-practitioner interaction. May be repeated three times for a total of three credits. Corerequisites: PSYC 45000. Prerequisites: Permission of instructor. Psychology and applied psychology majors, psychology minors, and counseling minors only. (F-S,Y)

Attributes: CC

1 Credit

PSYC 45000 Internship in Psychology (NLA)

Provides students the opportunity to apply psychology under the supervision of the sponsoring agency and a psychology faculty member. Internships are arranged individually. Students must complete the H&S internship application process. May be repeated for up to twelve credits. Prerequisites: Junior standing, permission of instructor. (F-S-SU, Y)

Attributes: UND

1-12 Credits

PSYC 45100 Advanced Independent Supervised Study (LA)

Intensive study of an individually selected topic in psychology, including honors studies (generally following PSYC 35100). Offered on demand only. Prerequisites: Senior standing; consent of the department. Variable credit.

Attributes: UND

1-5 Credits

PSYC 45200 Advanced Independent Supervised Research (LA)

Intensive empirical research, including honors research (generally following PSYC 35200). Offered on demand only. Prerequisites: Senior standing; consent of the department. Variable credit.

Attributes: UND

1-5 Credits

PSYC 46700 Psychopharmacology (LA)

Examination of the effects of psychoactive drugs with a multilevel emphasis on neural effects, cognitive functioning, emotion, and behavior. Covers psychotherapeutic compounds used for the treatment of various psychopathologies, as well as drugs of abuse. Studies basic principles of psychopharmacology, mechanisms of action for major classes of psychoactive agents, and individual and sociocultural factors affecting use and abuse of drugs. Prerequisites: PSYC 31100. (IRR)

3 Credits

PSYC 49200-49210 Senior Seminar in Psychology (LA)

Intensive investigation of selected topics in psychology. Prerequisites:

Senior standing; permission of instructor. (F-S,Y)

Attributes: UND

3 Credits

PSYC 49250 Seminar in Neuroscience (LA)

Intensive investigation of selected topics in neuroscience intended

primarily for neuroscience minors. Cross-listed with BIOL 49250.

Students cannot receive credit for BIOL 49250 and PSYC 49250.

Prerequisites: Senior standing; permission of instructor. (S,Y)

3 Credits

PSYC 49800 Capstone in Psychology (LA)

Capstone experience for psychology and applied psychology majors emphasizing self-reflection and professional development. Exploration of connections between study in the major, Integrative Core Curriculum, and other learning experiences with a focus on the meaning and value of a liberal arts education. (F,S,Y)

Attributes: CP

1 Credit

Recreation & Leisure Studies (RLS)

RLS 10100 Leisure and Society (LA)

Introduction to the dimensions of leisure and recreation services in modern society. Potential of recreation as related to human needs and development. Survey of agencies, organizations, and programs in the leisure service field. Preference given to Freshmen and Sophomores.

Junior and seniors considered based on availability. (F-S,Y)

Attributes: 1, HM, SS, TIDE

3 Credits

RLS 10400 Cooperative Games Facilitation (NLA)

Basic concepts of cooperative games – philosophy, leadership, curriculum development, and evaluation. The course includes leadership and referee techniques, safety considerations, group dynamics, and game philosophies. A variety of game strategies are presented. Other new and innovative approaches to games are also presented. (IRR)

1 Credit

RLS 10500 Fundamentals of Leadership (LA)

Basic concepts in leadership. Examination of sources required for authentic leadership: connections, identity, integrity, and personal power. Analysis of effective leadership practices and the application to collaborative environments. (F,S,Y)

Attributes: ESTS, SQ, TPJ, TWOS

3 Credits

RLS 12500 Understanding Disability: Characteristics, Causes, Services (LA)

Introduction to the wide spectrum of disabilities – including cognitive disability, mental illness, physical disability, and sensory impairment – within home, school, community, and therapeutic settings. Course focuses on abilities, rights, characteristics, and needs of people with diverse abilities. Issues are discussed in light of societal, cultural, and historical barriers. Self-advocacy, family perspectives, technological developments, and current trends in educational and rehabilitative services are also considered. Includes an experiential swim program with children of varying abilities during class time. Preference given to Freshmen and Sophomores. (F,S,Y)

Attributes: 1, DV

3 Credits

RLS 13300 Introduction to Therapeutic Recreation (NLA)

An in-depth study of the scope of therapeutic recreation. Students study the historical and philosophical foundations of the profession. The role of therapeutic recreation professionals in the spectrum of health care and human service settings serving clients with a variety of disabilities is explored. Students participate in a 20-hour field experience and interact with professionals in the field throughout the course. (F,Y)

3 Credits

RLS 13700 Leisure Travel (NLA)

Develops an understanding of tourism and its social, economic, and environmental impact as one of the world's largest and fastest growing industries. Examines travel motivation, travel trends including ecotourism, and the distinctive conditions that attract visitors to different regions of the world. Enables students to discover interesting places to visit and prepares them to deal with logistical concerns related to climate, monetary exchanges, customs, time changes, health, and safety. The role of intermediaries to facilitate travel arrangements and provide information is also examined. (S,Y)

3 Credits

RLS 14000 Mountain Biking (NLA)

An experiential introduction to the concepts, skills, and techniques of mountain biking. Topics include riding technique, equipment and maintenance, riding for health and wellness, and environmental considerations. (B,F,S)

1 Credit

RLS 15000 Rock Climbing (NLA)

An introduction to the fundamentals of rock climbing, including safety considerations. Skills taught include the care and use of equipment, knot-tying, belaying, rappelling, and a variety of movements on rock. Pass/fail only. (IRR)

1 Credit

RLS 15100 Foundations of Outdoor Adventure Pursuits (LA)

An examination of the historical, psychological, social, and philosophical foundations of outdoor adventure pursuits. (F,S,Y)

Attributes: 1, SS

3 Credits

RLS 16000 Selected Topics in Recreation and Leisure Studies (NLA)

Exploration of a specific area of recreation and leisure studies.

Topics vary based on student demand and on faculty expertise in the international faculty exchange program. (IRR)

0.5-3 Credits

RLS 17100 Introduction to Backpacking (NLA)

An experiential introduction to the concepts, skills, and techniques of backpacking. Topics include trip planning and preparation, equipment use and care, backcountry cooking techniques, navigation and safety considerations, and minimal impact practices. Course includes mandatory weekend field experience. (F-S,Y)

1 Credit

RLS 18000 Selected Topics in Adventure Skills Fundamentals (NLA)

Examines fundamental concepts and standard practices of a specific adventure skill discipline. Application of technical skills. This course involves field experiences. This course may be repeated up to six times for different selected topics. (IRR)

1 Credit

RLS 18001 Selected Topics in Wilderness Medicine (NLA)

Teaches the fundamental concepts and standard practices that are the foundation of a given skill discipline. The process is presented as the application of technical, environmental, and organizational skills. Teaches the concepts and practices that are required in various skill disciplines such as backpacking, vertical environments, mountaineering, and whitewater as well as various other disciplines. This course involves field experiences. (IRR)

1 Credit

RLS 18002 Selected Topics in Winter Environments (NLA)

Teaches the fundamental concepts and standard practices that are the foundation of a given skill discipline. The process is presented as the application of technical, environmental, and organizational skills. Teaches the concepts and practices that are required in various skill disciplines such as backpacking, vertical environments, mountaineering, and whitewater as well as various other disciplines. This course involves field experiences. (IRR)

1 Credit

RLS 18003 Selected Topics in Whitewater Environments (NLA)

Examines fundamental concepts and standard practices of a specific adventure skill discipline. Application of technical skills. This course involves field experiences. This course may be repeated up to six times for different selected topics. (Y)

1 Credit

RLS 18004 Selected Topics in Vertical Environments (NLA)

Examines fundamental concepts and standard practices of a specific adventure skill discipline. Application of technical skills. This course involves field experiences. This course may be repeated up to six times for different selected topics. (Y)

1 Credit

RLS 18005 Selected Topics in Rescue (NLA)

Examines fundamental concepts and standard practices of a specific adventure skill discipline. Application of technical skills. This course involves field experiences. This course may be repeated for up to six credits for different selected topics. (Y)

1-2 Credits

RLS 19000 Selected Topics in Adventure Skill Fieldwork (NLA)

An experiential education opportunity that applies adventure skills to real-life situations. The student works in an adventure setting and is actively involved in some aspect of program planning, delivery, and direct leadership. This course may be repeated up to three times for different selected topics. Prerequisites: 1 Course from RLS 18000-18009. (Y)

2 Credits

RLS 19001 Selected Topics in Whitewater Environments (NLA)

An experiential education opportunity that applies adventure skills to real-life situations. The student works in an adventure setting and is actively involved in some aspect of program planning, delivery, and direct leadership. This course may be repeated up to three times for different selected topics. Prerequisites: Corresponding RLS 180XX. (Y)

2 Credits

RLS 19002 Selected Topics in Vertical Environments (NLA)

An experiential education opportunity that applies adventure skills to real-life situations. The student works in an adventure setting and is actively involved in some aspect of program planning, delivery, and direct leadership. This course may be repeated up to three times for different selected topics. Prerequisites: Corresponding RLS 180XX. (Y)

2 Credits

RLS 21500 Youth at Risk (LA)

Students explore, through theoretical and experiential learning, the factors that contribute to or influence the leisure, educational, and social problems of youth at risk. Included among these factors are abuse, neglect, homelessness, recent immigration, minority group membership, having single and/or addicted parents, and various kinds of family dysfunctions. An overview of developmental, social, and psychological perspectives is presented along with innovative programs for youth at risk. Includes weekend workshop (minimal fee). Prerequisites: Sophomore standing or above. (IRR)

Attributes: 1

3 Credits

RLS 21600 Outdoor Adventure Skills (NLA)

Introduction to basic skills and concepts in a variety of outdoor adventure pursuits. Skills include trip preparation, menu planning, cooking techniques, and safety considerations in both moderate and cold-weather camping. Fundamentals in backcountry travel may include backpacking, flat-water canoeing, rock climbing, kayaking, and winter travel. Component of the Immersion Semester Program with associated fees. Pre-requisites: RLS 15100; RLS 21800; permission of instructor. (S,Y)

Attributes: ESTS

3 Credits

RLS 21800 Wilderness First Responder (NLA)

Improvised resources, varying environmental conditions, and extended care used as the framework for learning to respond to medical emergencies in remote wilderness settings. Examines necessary tools to make critical medical and evacuation decisions. Certification awarded upon successful completion. Course includes required weekend or Fall/Spring break participation. Course includes fee for materials, resources, and certification exam. Prerequisites: RLS 15100; permission of instructor. (F,Y)

Attributes: ESTS

3 Credits

RLS 22000 The Wilderness Experience (LA)

Exploration of the complexity of a wilderness experience. Focuses on wilderness values and the relationship humanity has with shaping the natural environment as well as the effects wilderness has on human relationships. This is an extended field experience. Component of the Immersion Semester Program with associated fees. Prerequisites: RLS 15100; RLS 21800; outdoor adventure leadership major or outdoor pursuits minor; permission of instructor. (S,Y)

4 Credits

RLS 22300 Wilderness Literacy (LA)

Survey of works in a variety of media that focuses on the theme of wilderness as a metaphor. Examination of the important ideas, people, cultures, and deep intellectual history of the wilderness movement. Component of the Immersion Semester Program with associated fees. Prerequisites: RLS 15100; RLS 21800; outdoor adventure leadership major or outdoor pursuits minor; permission of instructor. (S,Y)

Attributes: HU

2 Credits

RLS 23200 Program Planning (NLA)

Takes students through the process of programming, including the setting and evaluation of goals and objectives. Provides opportunities to experience the implementation of ideas in the community. This course also incorporates activity analysis, leisure education, program safety and risk management, and public relations. Prerequisites: RLS 10100 and RLS 10500. (F,Y)

3 Credits

RLS 23800 Leisure and Aging (LA)

Explores the role of leisure in the aging process. Students analyze the effects of incorporating meaningful leisure activities into the lifestyles of older individuals, based on their needs and interests. Visits to facilities and interaction with older individuals in leisure settings demonstrate the importance of leisure to a healthy lifestyle for older individuals.

Prerequisites: RLS 10100 or GERO 10100. (IRR)

3 Credits

RLS 24300 Interventions and Protocols in Therapeutic Recreation (NLA)

Explores ways in which arts and related recreation activities can aid in the rehabilitation process of individuals with disabling conditions, develop individual creativity, and enhance the quality of life. Programming areas include art, music, dance, drama, writing, literary readings, movement, reminiscence, horticulture, pet therapy, and biofeedback.

Prerequisites: RLS 12500. (FY)

3 Credits

RLS 24800 Service Learning in Recreation (NLA)

An experiential education opportunity that applies program planning theories and skills to real-life situations. The student works in a leisure service agency and is actively involved in some aspect of program planning and direct leadership. This course combines classroom and agency experience. Prerequisites: RLS 10100; RLS 10500; RLS 23200 (may be taken concurrently); major or minor status in department or aging studies major. (F-S,Y)

3 Credits

RLS 25000 Intermediate Rock Climbing (NLA)

This course builds upon the fundamentals of rock climbing through more advanced application of climbing skills, techniques, site management, and contemporary climbing issues. Specific topics will include sport lead climbing, top-rope anchor building, and top-rope site management considerations for an outdoor climbing environment. This course includes a mandatory field experience. There is course fee associated with this course. Prerequisites: RLS 15000. (F-S,Y)

1 Credit

RLS 25500 Outdoor Adventures for People with Differing Abilities (NLA)

Principles and practices of planning, leading, implementing, supervising, and evaluating outdoor adventure programs for people with disabilities.

The focus is on the abilities, rights, characteristics, and needs of people with varying abilities – including cognitive disabilities, mental illness, learning disabilities, physical disabilities, and sensory impairments – that impact participation in outdoor adventure. Use of outdoor adventure as therapeutic intervention is also examined. Prerequisites: RLS 12500. (IRR)

3 Credits

RLS 27700 Sustainable Tourism (LA)

Examines sustainable tourism from an international perspective. Emphasis is placed on management of the natural resources necessary in delivering a variety of sustainable tourism attractions (wildlife, plant life, scenery). Additionally, cultural resources associated with indigenous cultures are explored. A majority of the course is spent traveling to various private and public sustainable tourism ventures (e.g., whale watching, hiking, sea kayaking). Students engage in the sustainable tourism ventures, as well as meet leisure service personnel who own, operate, and direct these ventures. Includes fee for travel, food, and gear rental. Prerequisites: Sophomore standing. (IRR)

Attributes: G, LAEL

1-3 Credits

RLS 28000 Selected Topics in Adventure Skills Management (NLA)

Emphasizes core competencies required to manage clientele in a specific adventure skill environment. This course involves field experiences. This course may be repeated up to three credits for different selected topics. May have fees associated. Prerequisites: Corresponding RLS 180xx. (Y)

2 Credits

RLS 28001 Selected Topics in Wilderness Medicine (NLA)

Emphasizes core competencies required to manage clientele in a specific adventure skill environment. This course involves field experiences. This course may be repeated up to three credits for different selected topics. May have fees associated. Prerequisites: Corresponding RLS 180xx. (Y)

2 Credits

RLS 28002 Selected Topics in Winter Environments (NLA)

Emphasizes core competencies required to manage clientele in a specific adventure skill environment. This course involves field experiences. This course may be repeated up to three credits for different selected topics. May have fees associated. Prerequisites: Corresponding RLS 180xx. (Y)

2 Credits

RLS 28003 Selected Topics in Whitewater Environments (NLA)

Emphasizes core competencies required to manage clientele in a specific adventure skill environment. This course involves field experiences. This course may be repeated up to three credits for different selected topics. May have fees associated. Prerequisites: Corresponding RLS 180xx. (Y)

2 Credits

RLS 28004 Selected Topics in Vertical Environments (NLA)

Emphasizes core competencies required to manage clientele in a specific adventure skill environment. This course involves field experiences. This course may be repeated up to three credits for different selected topics. May have fees associated. Prerequisites: Corresponding RLS 180xx. (Y)

2 Credits

RLS 33100 Supervision of Recreation Personnel (NLA)

Contemporary issues and related administrative practices associated with managing human resources in leisure services. Examining concepts, principles and objectives of personnel supervision, including functions, processes, identification and application of methods and techniques. Prerequisites: RLS 33000. (S,O)

3 Credits

RLS 33200 Research Methods (LA)

Procedures and applications of social science research methods to recreational settings. Topics include research design, methods of data collection, and the presentation and interpretation of data. Prerequisites: RLS 10500; RLS 23200; WRTG 10600 or ICSM 108xx or ICSM 118xx; junior standing. (FY)

Attributes: QL, WI

3 Credits

RLS 33400 Leisure Education: A Therapeutic Recreation Intervention (LA)

The therapeutic recreation professional is considered a facilitator of his or her client's expanded leisure awareness. Focus is on assessing the client's leisure attitudes, skills, and options and developing individualized intervention programs to enhance independent functioning. Prerequisites: RLS 10100; junior standing. (FY)

Attributes: 1

3 Credits

RLS 33600 Commercial Recreation (NLA)

Study of commercial and entrepreneurial recreation as a major component of the leisure service delivery system. Analysis of the development potential of different types of recreation enterprises, including resources, location, risks, sources of financing, pricing, managerial requirements, marketing, and sources of technical assistance. Prerequisites: RLS 33000 or a level-2 business or economics course. (S,E) 3 Credits

RLS 34000 Inclusive Recreation and Diversity (LA)

Social stigmas of leisure choices based on disability, race, gender, sexual identity, and socio-economic status and the dynamic impact of inclusive leisure experiences on promoting social justice. Rationale for inclusion, historical context, and legislative initiatives are addressed. Prerequisites: RLS 12500. (S,Y)

Attributes: DV

3 Credits

RLS 34900 Advanced Fieldwork (NLA)

Practical in-depth work experience in a leisure service agency. Prerequisites: RLS 24800; permission of department chair. (F-S,Y) 2-9 Credits

RLS 35000 Therapeutic Recreation Process I: Introduction (NLA)

Introduction to the therapeutic recreation process, including the application of theory, client assessment, individualized treatment plan development, intervention planning, and documentation procedures. Focuses on the development and application of knowledge and skills necessary for meeting professional standards of practice, accreditation requirements, and third party payment criteria. Prerequisites: RLS 12500; RLS 13300; RLS 23200. (F,Y) 3 Credits

RLS 35300 Clinical Application in Therapeutic Recreation (NLA)

An interdisciplinary experiential learning lab at which students apply the knowledge they learn in RLS 35000 Therapeutic Recreation Process I and RLS 36000 Therapeutic Recreation Process II. Students are assigned a caseload and are responsible for assessment, treatment plan development, intervention planning, and documentation on assigned client(s). Participation in interdisciplinary team meetings is required. Prerequisites: RLS 13300. Corequisites: RLS 35000 (F); RLS 36000(S). (F-S,Y) 3 Credits

RLS 35400 Organization and Supervision of Outdoor Pursuits (NLA)

Application of principles and practices in planning, implementing, leading, supervising, and evaluating outdoor trips and programs. Study of outdoor program supervision using a variety of organizational models. Students design field-based experiences. Non-majors and non-minors considered based on availability. Prerequisites: RLS 21600; RLS 21800; outdoor adventure leadership major or outdoor pursuits minor. (F-S,Y) 2 Credits

RLS 35700 Therapeutic Recreation in the Schools (NLA)

Prepares students to deliver therapeutic recreation services to students with disabilities in public school systems, as mandated by the Individuals with Disabilities Education Act. Students learn to apply the therapeutic recreation process in a school setting and develop appropriate recreation goals for individualized education plans. Curricula to support therapeutic recreation in the schools are identified, as well as the roles therapeutic recreation specialists can play to advocate for and deliver leisure education in schools. Through a case study method, students apply concepts and techniques to an actual public school setting. Prerequisites: RLS 23300; junior standing. (IRR) 3 Credits

RLS 36000 Therapeutic Recreation Process II: Advanced Applications (NLA)

Advanced study of the therapeutic recreation process, including assessment, the design and implementation of agency-specific assessments, standardized interdisciplinary assessment instruments, and systems design intervention planning and evaluation. Focuses on interdisciplinary treatment plan development and intervention planning and documentation. Prerequisites: RLS 35000. (S,Y) 3 Credits

RLS 36600 Social and Cultural Aspects of Play (LA)

Explores qualities of play through interdisciplinary reading, experiential learning, and in-depth classroom discussion. Students learn about social and cultural aspects of play and rekindle their personal sense of playfulness. Prerequisites: Three courses from recreation, psychology, anthropology, history, music, philosophy, or sociology; junior standing. (IRR)

Attributes: 1

3 Credits

RLS 37000 Wilderness Land Use Ethics (LA)

Examination of the people and social forces that have influenced land use related to designated wilderness. Focus on philosophical and historical basis for wilderness management. Emphasizes development and promotion of a personal land-use ethic. Includes an extended field experience. Component of the Immersion Semester Program with associated fees. Prerequisites: RLS 21600; RLS 21800; outdoor adventure leadership major or outdoor pursuits minor; permission of instructor. (S,Y) Attributes: ESTS 3 Credits

RLS 39900-39903 Selected Topics in Recreation (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR) 1-3 Credits

RLS 42100 Wilderness Expedition Leadership (NLA)

Integrates human understanding, outdoor techniques, and teaching ability in expedition leadership. Emphasis on sound judgment and decision making with groups in wilderness settings. This is an extended field experience. Component of the Immersion Semester Program with associated fee. Prerequisites: RLS 15100; RLS 21800; RLS 35400; outdoor adventure leadership major or outdoor pursuits minor; permission of instructor. (S,Y) 4 Credits

RLS 43000 Adventure Education (LA)

Modern educational theory, experiential education, and adventure education theories are examined. Ethics of adventure education leadership are explored. Prerequisites: Senior standing. Outdoor adventure leadership major or Outdoor pursuits minor. (F,Y) 3 Credits

RLS 43300 Advancement and Administration of Therapeutic Recreation (NLA)

Provides an awareness and working knowledge of the skills needed to administer a therapeutic recreation department. Topics to be discussed include standards of practice, accreditation standards, third-party reimbursements, alternate funding sources, team involvement and intervention, marketing and advancement of the profession, clinical supervision, and continuous quality management as it relates to the therapeutic recreation process. Prerequisites: RLS 35000. (S,Y) 3 Credits

RLS 43500 Risk Management in Outdoor Adventure Programming (NLA)

A focused exploration of organizational, administrative, and instructor level risk management and legal liabilities. Topics include risk management and safety considerations for programs, staff, equipment, and transportation; legal issues; and crisis management. Prerequisites: RLS 21600; RLS 42100. (Y)

3 Credits

RLS 44100 Internship in Recreation and Leisure Studies (NLA)

Supervised, full-time work experience during the summer or regular academic school year in a leisure service agency. Prerequisites: Minimum cumulative GPA of 2.00; minimum GPA in RLS courses of 2.50; minimum grade of 3.00 in RLS 24800; completion of at least twenty-four credits of required recreation courses (RLS); approval of department chair. (F-S-Sum,Y)

8-12 Credits

RLS 45000-45003 Independent Study: Recreation and Leisure Studies (LA)

Individual pursuit of the solution to a problem of interest to the student and consultant faculty member. Prerequisites: RLS 33200; permission of department chair. (F-S-Sum,Y)

1-3 Credits

RLS 45300 Seminar: Professional Development (NLA)

Capstone course to develop skills necessary for professional involvement after graduation. Topics include an in-depth study of the national certification processes, professional organizations and committee involvement, and legislative and consumer advocacy skills. Students also learn to develop proposals for presentations at professional conferences and to develop professional presentation and multimedia skills. Professional publications and publication requirements are discussed. Prerequisites: Senior standing. (F,S,Y)

Attributes: CP

3 Credits

Religious Studies (RLST)

RLST 10100 Religion Matters (LA)

What is religion? Why is it important for understanding our rapidly changing world? This course investigates what religion is all about, drawing illustrations from various traditions around the globe. Students cultivate skills used in the academic study of religion, while exploring issues of belief, atheism, mysticism, morality, sex, and more. (F)

Attributes: HM, TIII

3 Credits

RLST 10300 Hebrew Scriptures (LA)

This course treats the books of the Bible critically as literature, as religious and moral texts, and as a source of sociological knowledge. It surveys the biblical literature, acquaints students with critical methods for the study of the Bible, situates the Bible within the literature and culture of the ancient Near East, and discusses the religion of ancient Israel. The course will deal with questions of history and archaeology and with questions of meaning: what the biblical text meant to its ancient readers and what meanings it has today. Cross-listed as JWST 10300. (F,Y)

Attributes: H, HM, INBG, TIDE, TMBS

3 Credits

RLST 10400 Introduction to the New Testament (LA)

A survey of the life and teaching of Jesus, and major themes in the Pauline Epistles and the Book of Revelation. (IRR)

Attributes: HM, INBG, TIDE, TIII

3 Credits

RLST 10500 Religion in Global Contexts (LA)

Introduces students to the academic study of religious traditions prevalent in the Americas, Africa, and Asia. Specific topics vary, but may include Native American shamanism, Islam in China, African witchcraft, the politics of Tibetan Buddhism, celebrity Hindu gurus, and Brazilian megachurches. The course considers what it means to label these phenomena 'religious' as well as how traditional religious practices have adapted to the challenges of a modern, globalized world. (F,Y)

Attributes: AN3, G, H, HM, INBG, NACI, NASE, TMBS

3 Credits

RLST 10600 A History of God (LA)

Explores historical developments and living practices within Jewish, Christian, and Muslim traditions as they encounter other peoples and traditions around the world. Engages with historical events, politics, and changing cultural contexts of the three traditions. Issues covered may include ways of thinking about God in monotheistic traditions; sacred texts and rituals; understandings of gender and sexuality; fundamentalism; science; and encounters with polytheistic, feminine, and/or pagan views of the divine. (S,Y)

Attributes: AN3, G, H, HM, INBG, TIDE, TMBS

3 Credits

RLST 15600 What Is Belief? (LA)

Designed to familiarize students with the field of Religious Studies, this course provides a rigorous but accessible introduction to the phenomenon of religious belief, a phenomenon that is currently debated by scholars of religion and is of significant interest to the wider public. We will consider the relationship between belief and knowledge, doubt, and practice; the possibility of multiple forms of religious belief; and the problem of belief's utility as a tool of comparative analysis. (F)

1 Credit

RLST 17500-17510 Selected Topics in Religion (LA)

Topics to be determined according to teacher and student interest. (IRR)

Attributes: HU

3 Credits

RLST 20100 Religion and Culture (LA)

Study of the mutual relations between religion and culture. The course explores the religious dimension of art, music, and other contemporary media, and considers the way religious symbols influence cultural and social movements. Students study both Western and non-Western examples, of the intersection between religion and culture in art, music, literature, ritual, film, and games. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (Y)

Attributes: AN3, HM, INBG, SCE, TIII

3 Credits

RLST 20200 Religion and Society (LA)

Studies the social dimensions of religion and religion's influence on societies, on matters ranging from economics to ultimate concern. Major themes include the political mobilization of religions in social change movements, the social patterning of religious ideas and their relations with other ideologies, and the issue of religion as a topic in critical social theory. Cross-cultural with varying historical examples. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (E)

Attributes: G, H, HM, INBG, TIDE

3 Credits

RLST 20300 Living Judaism (LA)

Introduces Judaism as a lived tradition, with a focus on ethical, ritual, and cultural practices and beliefs from a wide variety of Jewish communities. Readings include texts from the biblical, rabbinic, medieval, and modern periods. Theological and ethical issues addressed include God, good and evil, covenant, death and afterlife, justice, and social responsibility, as lived out through practices associated with birth and death; marriage and commitment; sexuality; and the life of study, prayer, and devotion. Course cross-listed with JWST 20300; students may not receive credit for both courses. Prerequisites: One three credit Liberal Arts course. (S,Y)
Attributes: G, HM, INBG, TIDE, TMBS
3 Credits

RLST 20400 Deconstructing Christianity (LA)

Explores some of the varieties of Christianity in its two thousand year history, with special attention to the women who have played a critical role in shaping its tradition. Surveys the features Christianity shares with other religious traditions, as well as how Christianity has been transformed in global contexts. Examines how Christianity has both defended the vulnerable (e.g., liberation theology) and harmed others (e.g., colonial missionary activity). Also considers the ways that Christianity figures into contemporary politics in America in volatile discussions about issues like abortion, race, gender and sexuality. No previous knowledge of Christianity necessary. Prerequisites: One three credit liberal arts course. (O)
Attributes: G, H, HU, INBG
3 Credits

RLST 20500 Engaging Islam (LA)

Introduces the origins and historical development of Islamic religious traditions, while exploring the wide spectrum of beliefs, practices, and interpretations of Muslims. Particular attention is given to historical and contemporary Muslim engagements with mysticism, empire, nationalism, race, and notions of sexuality and gender. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (FY)
Attributes: DV, G, H, HM, INBG, TIDE, TMBS
3 Credits

RLST 20700 Death, Dying, and Immortality (LA)

What is death? What, if anything, lies beyond it? This course investigates how different religious traditions from around the world imagine death, dying, and the afterlife. Topics may include reincarnation, end-of-life care, funerary rites, and suicide. Students are invited to explore their relationship with mortality in light of other traditions' perspectives. Prerequisites: One three credit course in the liberal arts. (Y)
Attributes: 1, AN3, H, HM, HU, TMBS
3 Credits

RLST 21000 Religion, Race, and Social Justice (LA)

Explores the intersection of race and religion in the context of historical and contemporary movements in North America and globally. Challenges students to think about how religion is implicated in the construction of racial identities and theories, and how particular racialized communities utilize religion to resist racial oppression. Case studies may include religion and #BLM, Black Liberation Theology, the Nation of Islam, and Rastafarianism. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (O)
Attributes: DV, HM, TPJ
3 Credits

RLST 21100 Religion, Gender, and Sexuality (LA)

Where do attitudes about gender roles and sexual orientations come from? How do religious traditions reflect, reinforce, or subvert those attitudes? This course explores issues of gender and sexuality in the context of different religious traditions, past and present. Special attention is given to religion's role in current debates surrounding, for example, gender politics, sexual ethics, masculinity, feminist and queer theory, etc. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (O)
Attributes: WGSJ
3 Credits

RLST 22100 Religion and Depth Psychology (LA)

Studies Freudian, Jungian, humanistic, and transpersonal psychologies with respect to issues in religion including dream theory, the individuation process, psychological types, self-actualization, peak and plateau experiences, death, psychological aspects of worship, values, the psychology of meditation, and levels of consciousness. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (O)
Attributes: 1, HU
3 Credits

RLST 23500 The Nature of Nature (LA)

Investigates why different religious traditions view our planet so differently. To what extent do these traditions shape peoples' perceptions of and interactions with the natural environment? Also explores how religious communities around the globe are responding to deforestation, biodiversity loss, and climate change. Makes use of a wide range of materials, including religious texts, documentaries, ethnographic studies, and science fiction. Prerequisites: One three-credit course in the liberal arts. (E)
Attributes: ABSS, AN3, HM, TMBS, TQSF
3 Credits

RLST 24000 Writing about Religion: Heaven and Hell (LA)

An interdisciplinary introduction to how portrayals of heaven and hell have been transformed over time, with a focus on learning how to write about religion from a secularly minded but religiously-informed perspective. The course explores two thousand years of the history of heaven and hell with a focus on human meaning-making in religious practice, poetry, art, and digital media. Includes significant attention to the development of research and writing skills in the humanities. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)
Attributes: HU, WI
3 Credits

RLST 25200 Introduction to Mysticism (LA)

Focuses on mystical journeys and ecstatic experiences from around the world. Draws from a variety of disciplines to analyze mystical paths in different cultural contexts, including philosophy, anthropology, ethnobotany, neurophysiology, psychology, and religious studies. Topics include voices and visions, the use of psychotropic substances, bridal mysticism, meditation, and the occult. Prerequisites: One three credit course in the liberal arts. (E)
Attributes: HU
3 Credits

RLST 25500 Religions in America (LA)

A sociohistorical survey of the varieties of religions in North America, including Christianity, Judaism, Islam, new religious movements, and religions of various ethnic groups, such as Native American religions and African American religions. Emphasizes the role religion plays in the political and ethical spheres of American life. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (IRR)

Attributes: HU

3 Credits

RLST 27500-27510 Selected Topics in Religion (LA)

Topics to be determined according to teacher and student interest.

Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (IRR)

Attributes: HU

3 Credits

RLST 28100 Hindu Worlds (LA)

Introduces students to the richly diverse yet interrelated traditions of practice and thought that have contributed to what is today called "Hinduism". Emphasizes how these traditions have evolved from ancient times to the present, as well as the persistent tension between their textual and performative dimensions. Students examine Hindu religious literature and philosophy, temples and pilgrimage, iconography and mythology, in addition to issues pertaining to gender, colonialism, and the diaspora. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (O)

Attributes: DV, G, HM, INBG, TMBS

3 Credits

RLST 28300 Seeking the Buddha (LA)

Engages the historical evolution and lived experience of Buddhist religious traditions by exploring how people have variously attempted to search for, discover, imagine, understand, become, and even kill the Buddha. Considers how the Buddha and his teachings have been interpreted through stories, philosophies, rituals, images, and objects across Asia and beyond. Special attention is paid to the transmission and modernization of Buddhist traditions in the contemporary western world.

Prerequisites: One three credit liberal arts course. (E)

Attributes: G, H, HU, INBG

3 Credits

RLST 30500 Comparative Study of Religions (LA)

Examines major issues in various religious traditions and applies typological and phenomenological analysis to common themes, such as the concept of god(s), the nature of man, the problem of evil, ways of salvation, patterns of rituals, and types of religious organization.

Prerequisites: one 200-level RLST course. (E)

Attributes: HU, INBG

3 Credits

RLST 31100 Philosophy of Religion (LA)

Study and discussion of a broad range of issues in the philosophy of religion, such as religious epistemology, the ontological argument, the cosmological argument, the teleological argument, religion and science, and the problem of evil. Primary source readings. Prerequisites: One 20000-level PHIL course. (IRR)

Attributes: HU

3 Credits

RLST 32300 Gender and Sexuality in Judaism (LA)

Exploration of what it means to be a Jewish man or woman. The course addresses how Jewish gender roles have changed throughout history, as well as how contemporary Jews deal with changes in women's roles and demands for gender equality. Topics covered include what is "gender" and how to study it; traditional roles of men and women in Judaism; the gendered Jewish body; family and sexuality; homosexuality; Jewish feminism; the gender of God; and changing women's religious roles.

Cross-listed with JWST 32300. (Y)

Attributes: 1, DV, HU

3 Credits

RLST 33300 Jewish Mysticism (LA)

This course traces the history of Jewish mysticism. After a brief overview of early Jewish mysticism from the biblical and rabbinic periods, students will concentrate on the medieval flowering of Kabbalah, and its further development in the 16th-century Kabbalah of Safed and Israel and 18th-century Eastern European Hasidism. The emphasis will be placed on understanding both the theoretical and experiential aspects of Jewish mysticism and on examining some of the key texts of Jewish mysticism.

Cross-listed with JWST 33300. (Y)

Attributes: HU

3 Credits

RLST 35300 Twentieth-Century Mysticism (LA)

Study of the major trends in 20th-century mysticism through the writings of key mystics. Topics include earth and esoteric spiritualistics, the influence of Eastern spiritualistics on the West, and current Jewish, Christian, and Sufi ideas. The writings of Teilhard de Chardin, Thomas Merton, and Yogananda, as well as works from the Native American and Sufi traditions, are studied. Prerequisites: RLST 25200. (E)

Attributes: HU

3 Credits

RLST 35600 Religion and Literature (LA)

This course explores the ways in which religious ideas and practices appear in contemporary novels associated with various cultures and religious traditions. We consider how authors utilize religious themes to negotiate challenges and questions posed by modernity, as well as how they engage questions of religious identity through the medium of modern literary forms. We read these works against the background of contemporary changes in the relationship between the religious and the secular. Cross-listed with ENGL 35600; students may not receive credit for both. Prerequisites: One course in RLST or ENGL; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (IRR)

Attributes: WI

3 Credits

RLST 37500-37513 Selected Topics in Religion (LA)

Topics to be determined according to teacher and student interest.

Prerequisites: One 20000-level RLST course. (IRR)

Attributes: HU

3 Credits

RLST 37700 Women and Religion (LA)

A study of the emerging issues regarding women and religion, including the psychology of women's spiritual journey, the importance of the feminine or yin dimension of reality, the role of women in ancient and traditional religions, and new forms of feminine spirituality. Prerequisites: One 20000-level RLST course. (O)

Attributes: HU, WGS, WGS3

3 Credits

RLST 39100-39101 Independent Study: Religion (LA)

Study or research project(s) of the student's own devising carried out in consultation with faculty sponsor; final project(s) evaluated by faculty sponsor. Offered on demand. May be repeated for credit for different projects. Prerequisites: One 20000-level RLST course and permission of instructor. (IRR)

Attributes: UND

0.5-3 Credits

RLST 39300-39301 Tutorial in Religion (LA)

Work by student and teacher together on a problem or project of interest to both. May be repeated for credit. Prerequisites: One 20000-level RLST course and permission of instructor. (IRR)

Attributes: UND

1-4 Credits

RLST 39800 Internship: Religious Studies (NLA)

Enables students to participate in an internship opportunity with the collaboration of a faculty sponsor in Religious Studies. In addition to internship-based activities, assignments include related readings and a final paper. Completion of H&S dean's office internship form is required. Can be repeated to a maximum of Prerequisites: Three RLST courses; permission of instructor. (IRR)

0.5-3 Credits

RLST 41000 Religious Studies Capstone (LA)

Serves as the capstone for philosophy/religious studies majors and religious studies minors. Synthesizes the student's experience in the program by drawing on key themes, issues, and movements in contemporary, global religious practice at an advanced level. Facilitates student reflection on achievements in both the major/minor and the Integrative Core Curriculum, and how these relate to personal intellectual formation while at Ithaca College. Prerequisites: WRTG 10600 or ICSM 108xx or ICSM 118xx; at least three courses in religious studies with at least one course at the 300 or 400 level; senior standing. (S,Y)

Attributes: CP, HU, WI

3 Credits

RLST 49100-49101 Independent Study: Religion (LA)

Study or research project(s) of the student's own devising. Minimal consultation with professor; final project(s) evaluated by professor. Offered on demand only. May be repeated for credit for different projects. Prerequisites: One 30000-level RLST course and permission of instructor. (IRR)

Attributes: UND

1-4 Credits

RLST 49400 Tutorial: Religion (LA)

Work by student and teacher together on a problem or project of interest to both. May be repeated for credit. Prerequisites: Permission of instructor; one course in religion; two additional courses in the humanities and/or social sciences. depending on instructor and student interest. (IRR)

Attributes: UND

1-4 Credits

RLST 49600 Seminar: Religion (LA)

Small group study of a topic not offered otherwise in the curriculum or not offered at the same level. May be repeated for credit. Prerequisites: One course in religion; two courses in the humanities and/or social sciences; permission of instructor. (IRR)

Attributes: HU

3 Credits

Sociology (SOCI)

SOCI 10100 Introduction to Sociology (LA)

Basic scientific concepts related to social systems, recurring social processes, cultural factors, and social factors in the development of personality. Also offered through the London Center. (F,S,Y)

Attributes: 1, SO, SS, TPJ

3 Credits

SOCI 13000 Youth and Youth Cultures (LA)

Analysis of the significance of youth – their culture and the institutions that have emerged to define and serve them. Topics include youth and politics, student movements, educational institutions, and stratification of youth by race, sex, and social class. The readings include novels and autobiographies, as well as sociological and historical analyses. Not open to seniors. (IRR)

Attributes: 1, SO, SS, TIDE

3 Credits

SOCI 20100 Introduction to Human Services (LA)

Introduction to the historical and contemporary fields of the human services and social welfare, with a focus on social service agencies and public policy. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (S,Y)

Attributes: SS

3 Credits

SOCI 20200 Women in Britain (LA)

Examination of the various social, historical, political, and economic factors that affect the position of women in contemporary Britain. Comparisons are drawn with specific issues in other Western countries.

Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. Offered only through the London Center. (F,S,Y)

Attributes: 1, DV, INBG, SO2, SS, WGS

3 Credits

SOCI 20300 Juvenile Delinquency (LA)

Analysis of juvenile delinquency and its social reality. Systematic examination of issues in defining and measuring delinquency, theories of cause, gang behavior, the juvenile justice system, and issues and alternatives in response and treatment. Prerequisites: One liberal arts

course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: ADSE, CNSL, DV, LXME, RPRE, SO, SO2, SS, TPJ

3 Credits

SOCI 20500 Sociological Inquiries (LA)

Building on the basics of sociology, this course develops students' ability to understand and operationalize the social world in sociological terms by introducing theory, research methods, and current hot topics and debates in the discipline. Students learn how to write a sociological research paper, including how to write a literature review. Prerequisites:

One sociology course, that may be taken concurrently; open to sociology majors only. (Y)

3 Credits

SOCI 20600 Urban Sociology (LA)

Growth of urbanization and the concomitant changes in function of such key community institutions as the family, education, religion, economy, and the polity. Included is the study of stratification and decision-making power in the community. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (FY)

Attributes: 1, SO2, SS

3 Credits

SOCI 20700 Race and Ethnicity (LA)

Critical analysis of race and ethnic relations in the United States from assimilationist, pluralist, and Marxist perspectives. Comparative analysis of black, Latino, and white racial/ethnic experiences. Examinations of race and ethnicity as dimensions of social stratification and control. Specific concepts include prejudice, discrimination, institutional racism, internal colonialism, and ethnic identification. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: 1, ADSE, CNSL, DV, H, LXME, NASE, SO, SO2, SS, TPJ

3 Credits

SOCI 20800 Social Change (LA)

Analysis of evolutionary and revolutionary social change from the perspective of critical sociology. Topics include the types of groups that mobilize for change, recruitment of new members, ideologies of groups, and leadership styles. Particular U.S. social change movements examined include labor, civil rights, antiwar, welfare rights, women's movement, and the new right. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: 1, CNSL, ENSS, ESSS, H, LAEL, LAGC, SO, SO1, SS, TPJ

3 Credits

SOCI 21200 Changing Contours of Work (LA)

Consideration of the changing composition and organization of work and the impact workplace practices have on individuals and the larger social order. Examination of gender, race, class as intersecting with jobs and careers. Students research their own intended professions and consider how job demands in the new economy may affect their lives and those of others. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (FY)

Attributes: DV, SO, SO3, SS, TPJ, WGST

3 Credits

SOCI 21300 Sociology of Sexualities (LA)

Examination of how sexuality is defined in our society, stressing that it is cultural as well as biological and often defined in oppressive ways. Students investigate how the intersection of gender with capitalism, race, ethnicity, and sexual orientation has a strong impact on the definition of sexuality. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (S,Y)

Attributes: 1, CNSL, DV, SO, SO4, SS, TIDE, WGS, WGSJ

3 Credits

SOCI 21400 Definitions of Normality (LA)

Critical, analytical study of what it means to be outside the limits of society and of the processes that define normality in particular historical moments. Study of exclusion and normality focuses on those defined as "bad" (criminals, delinquents, sexual outsiders, addicts), "mad" (mental patients), "sad" (blind, deaf, physically different), and "awe-ful" (freaks). Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: 1, DV, SO4, SS

3 Credits

SOCI 21600 Alternative Culture (LA)

Specifically addresses the problems of the design of alternative social forms, using as examples writing about utopias and current explorations in alternative lifestyles. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)

Attributes: SO1, SS

3 Credits

SOCI 21700 Mental Health in Historical and Social Contexts (LA)

Explores the historical and contemporary contexts of mental health and distress from both sociological and psychological perspectives. Examination of the social construction of mental health through time, and consideration of how social and cultural factors such as race, class, and gender intersect with diagnostic paradigms and clinical treatment models employed by practitioners. (FY)

Attributes: 1, CC, DV, H, SO1, SS

3 Credits

SOCI 21800 Individual and Society (LA)

Focuses on the dynamic relationship between the individual and society and how people, individually and collectively, influence and change society. Beginning with the fundamental and age-old question, How is social order possible?, the course examines the ways groups form and elaborate distinctive codes -- norms, roles, and values -- as well as the ways groups exert control over members' behavior. This leads to a second set of related questions: What is human nature? How are individuals trained (i.e., socialized) for participation in society and for different positions in society? Students learn that childhood socialization can be powerful and yet can be overwhelmed by situational forces and by various forms of immediate social influence. Explores interaction in everyday life by focusing on a perspective that sees individuals playing an active role in managing their behavior and their emotions.

Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)

Attributes: 1, SO, SO4, SS, TIDE

3 Credits

SOCI 22000 Sociology of Aging (LA)

This course presents the prominent sociological theories and research about aging and the ways in which the experience of aging is socially constructed. Cross-listed with GERO 22000. Students may not receive credit for both SOCI 22000 and GERO 22000. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (FY)

Attributes: CNSL, DV, SO3, SS

3 Credits

SOCI 22200 Visual Sociology (LA)

Visual sociology focuses on the visual dimensions of social life. It uses the sociological imagination to tell a story visually about social phenomenon such as gender, social status, cultural forms, and other social interactions in spatial contexts. Students learn how to create sociological portraits, to study sociological landscapes, to do studies on social traumas, and to study signs and representations. Students use visual media to communicate sociological understanding to professional and public audiences. This course offers students an opportunity to do qualitative observation and to explore ways in which the visual study of social phenomena contributes to sociological understanding. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)

Attributes: MAP, SO4, SS

3 Credits

SOCI 22300 Rich and Poor in the U.S. (LA)

Examination of the causes and consequences of class inequality in the U.S. today. Explores how class is defined, how it functions, and how it is sustained across generations in a purportedly democratic and meritocratic society. Applies a sociological perspective to this exploration, with a focus on the growing gap between rich and poor and the impacts of inequality on daily lives. (IRR)

Attributes: CNSL

3 Credits

SOCI 22800 Men's Lives (LA)

Sociological analysis of manhood. Consideration of the dynamics of race, class, historical moment, fatherhood, and sexuality in defining and structuring men's lives. Sociological concepts such as the social construction of gender, ideology, patriarchy, power, roles, and socialization are employed in developing an analysis of men and masculinity.

Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: 1, SO4, SS, WGS, WGSC

3 Credits

SOCI 23500 Selected Topics in Social Institutions and Organizations (LA)

Courses offered within the core areas of sociological inquiry. This course counts toward the social institutions and organizations core area requirement for sociology majors and minors. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)

Attributes: SO1, SO2, SO3, SO4

3 Credits

SOCI 23501-23509 Selected Topics in Sociology (LA)

Courses offered on topics of general interest in sociology. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)

Attributes: SO1, SO2, SO3, SO4

3 Credits

SOCI 24700 Environmental Sociology (LA)

In this course students examine how ideas about the environment are socially constructed and explore how different values and beliefs contribute to conflicts about conservation, preservation, and the well-being of humans and non-human beings. The course emphasizes the environment as a social issue and as a social problem. Prerequisite: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)

Attributes: ENSS, ESSS, LMEL, LSCO, SO4, SS

3 Credits

SOCI 25000 Gender, The Environment and Global Change (LA)

Explores interconnections between gender and the environment. Studies patriarchy, colonialism, capitalist development, globalization, and environmental crises. Special focus on case studies of social movements that challenge gender hierarchies and environmental degradation, including feminist, indigenous, and environmental justice movements.

Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (F,Y)

Attributes: ABSS, DV, ENSS, ESSS, LAEL, LAGC, LMEL, LSCO, SO, SO1, TPJ, TQSF, WGS

3 Credits

SOCI 25300 Sociology of Health and Illness (LA)

Examines health and illness from a sociological perspective. Includes understanding how health and illness are socially distributed, how the meanings of health and illness vary by culture, and how people experience health and illness similarly and differently at the intersection of their race, class, and gender locations. Prerequisite: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (F,Y)

Attributes: DV, LMEL, LSCO, SO2, SS

3 Credits

SOCI 29300 Introduction to Social Institutions and Organizations (LA)

Institutions are social arrangements that, more or less effectively, serve the interests of one or more groups of people. Social institutions include political, economic, health care, and religious systems, as well as the family and formal education. Organizations are the structural arrangements by which individuals encounter these institutions.

Students in this course explore the parallels and differences between various types of institutions and organizations. They examine issues of power and ideology that affect institutional and organizational actors, including those with formal authority, subordinates, and clients.

Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (F,Y)

Attributes: 1, SO, SO3, SS, TPJ

3 Credits

SOCI 30100 Technology and Society (LA)

Study of the kinds of social relationships generated by technology, exploring the following questions: How do technology and social structures relate to each other? What values, beliefs, and ways of thinking create contexts for new technology? How does technology create different values, beliefs, and ways of interpreting the world? How can new technology present opportunities to create different social organization?

Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)

Attributes: ENSS, ESSS, MAP, SO3, SS

3 Credits

SOCI 30200 Sociology of Crime (LA)

Analysis of the social reality of crime and law, the patterns of criminal behavior, the political economy of crime, and the social organization of law enforcement (police arrest, trial, and sentencing). Crime and law are studied as settings in which social and political decisions are made.

Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: LMEL, LSCO, SO2, SS

3 Credits

SOCI 30500 Practicum in Social Change: Urban Mentorship Initiative (NLA)

An academic mentorship program that offers students the opportunity to participate in interdisciplinary coursework and field-based service-learning aimed at supporting underserved youth in their pursuit of higher education. Course includes required participation in a two-day trip (Friday to Saturday) to a partner school. This course is a cross-listed course; students cannot receive credit for both SOCI 30500 and CSCR 30500. (FY)

Attributes: SL, SO1

3 Credits

SOCI 30800 Counseling Theory and Dynamics (LA)

Presents theories about how people grow and change while increasing students' awareness of how they grow, act, and react in a counseling or helping relationship. Study of how helping people relates to broader societal political issues, and how they connect in a political way to the larger society when engaged in a counseling or helping relationship. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (FY)

Attributes: SS

3 Credits

SOCI 30900 Group Counseling (LA)

Provides cognitive and experiential understandings of the function of "helping groups." Students experience how different kinds of helping groups are appropriate for different objectives, while gaining an understanding of the range of skills and knowledge needed to be a competent group leader. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (S,Y)

Attributes: SS

3 Credits

SOCI 31100 Sociological Theory (LA)

Analysis and evaluation of some theories of society. Development of a critical framework within which to generate hypotheses of social structure and social change. Emphasis is placed on the historical and contextual nature of theory. Prerequisites: SOCI 20500. (S,Y)

Attributes: SS

3 Credits

SOCI 31200 Culture and Society: An International Field Experience (LA)

Students meet during the term to analyze social conflicts in a particular country as preparation for a three-week trip following the semester. Focus is on racial and/or ethnic issues as seen through the eyes of residents in the host country. Specific topics vary depending on the host country but usually include internal relations among different groups, themes related to colonization experiences, and the experience of immigrants to the United States. Activities in the host country include class instruction; excursions to archaeological sites, as well as locations of contemporary interest; field trips to museums and colonial areas; and visits to urban and rural sectors. Students are required to pay all travel and trip-related expenses. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (F or S,Y)

Attributes: G, INBG, SO1, SS

3 Credits

SOCI 31600 Women and Health (LA)

Analysis of the conditions for and experiences of women as patients, from birth control to birthing to aging; analysis of women as health care providers, physicians, nurses, lay and alternative healers; and analysis of the women's health care movement. Examination of these issues within a broad historical and comparative framework (e.g., 19th-century feminism, 20th-century third-world activism). Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (S,Y)

Attributes: HE1, SO3, SS, WGS, WGS3

3 Credits

SOCI 31800 Political Sociology (LA)

Explores power and ideology at three levels: (1) the micro level of face-to-face interactions and small groups; (2) the intermediate level of organizations such as local and regional governments, mental institutions, and schools; and (3) the macro level of national societies. Considers how power systems are maintained and the conditions under which they are challenged and changed. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: SO3, SS

3 Credits

SOCI 31900 Cultural Sociology (LA)

This course explores the history of the idea of culture and how culture influences the social world. It examines how cultural ideas are constructed by groups and how they are enacted in everyday life. Students explore the ways in which cultural processes underlie the social organization of public perceptions, actions, and environments. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: SO4, SS

3 Credits

SOCI 32100 Punishment in Public Schools (LA)

Examines the social, historical, and political underpinnings of the mass enforcement of zero-tolerance school policies in the U.S., and the resulting creation of punitive schooling regimes. Explores the political and economic contexts of 20th-century punitive school disciplinary policies through a critical framework grounded in contemporary social theories of discipline, power, and academic distinctions. Special attention is paid to issues of race, class, and gender inequality and the administration of discipline across social groups and geographic locales, as well as to alternatives to punitive school policies. Prerequisites: Two SOCI courses, at least one of them at the 200-level. (IRR)

Attributes: CNSL, LXME, SO2

3 Credits

SOCI 32200 Forms of Punishment (LA)

Examination of punishment and its varied forms as defined by the social, political, and economic contexts within which they emerge. Students study asylums, jails, prisons, and other institutional forms of punishment, as well as all nonvoluntary forms of "treatment." Not limited to the study of stone walls and iron bars, as the architecture of power and punishment takes many forms. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: SO3, SS

3 Credits

SOCI 32400 Sociology of Violence (LA)

Examines theoretical frameworks that attempt to illuminate the origins of violence. Interpersonal, group, and collective forms of violence are analyzed; specific types of violence are studied in depth. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)

Attributes: SO4, SS

3 Credits

SOCI 32500 Race, Class, Gender and Sexuality (LA)

This course is taught from the perspective that race, class, gender, and sexuality intersect to form a matrix of domination. The course is designed to help students develop the analytical tools needed to understand this perspective and apply it to specific situations, case studies, or fictional characters. Students will also be encouraged to focus on both privilege and oppression and how they interact with each other. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (S,Y)

Attributes: SO2, SS, WGS, WGS3, WGS1

3 Credits

SOCI 32600 Social Movements (LA)

This course examines the emergence, achievements, failures, and possibilities of social movements in the United States and other countries. Through cases studies, historical documents, and ethnographies, students learn about peoples' struggles in the context of global capitalism, including liberation movements of people of color, workers, women, and indigenous people; they also learn about the lessons these movements offer for social change efforts today. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: ADSE, CNSL, DV, ENSS, ESSS, RPRE, SO1, SS, WGSC

3 Credits

SOCI 32700 Work and the Family (LA)

Analysis of the impact of work on family dynamics and the impact of family factors on work orientation. Topics include the roles and socialization of provider and homemaker, typologies of work and of family experience, and work and family in various historical periods and classes. Focus on dual-career families and policies regarding work and family.

Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: DV, SO3, SS, WGSC

3 Credits

SOCI 32900 Health and the Family (LA)

Examines the meaning of health and illness in the family context and against a shifting backdrop of family policies, healthcare values and goals, and intersecting inequalities. Investigates how we define family and health, how marital status affects health, how health is negotiated among family and community members, and how inequalities shape health opportunities. Includes in-depth interviewing to apply course concepts to one's own health status and family dynamics. Prerequisites: 2 SOCI courses. (IRR)

Attributes: CNSL, WGSC

3 Credits

SOCI 33500-33509 Selected Topics in Social Institutions and Organizations (LA)

Courses offered within the core areas of sociological inquiry. This course counts toward the social institutions and organizations core area requirement for sociology majors and minors. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)

Attributes: SO3, SS, WGS, WGS3

3 Credits

SOCI 34000 Essential Issues in Mental Health Treatment (LA)

A theoretical approach to counseling and treatment in long-term therapeutic settings. The prevalence and causes of issues such as substance and sexual abuse, trauma and family violence, and eating disorders, are explored, and treatment modalities are considered with attention to social and cultural diversity and ethical concerns.

Prerequisites: SOCI 21700 or PSYC 21700. (F,Y)

Attributes: SO4, SS

3 Credits

SOCI 34100 Minorities in the United Kingdom (LA)

A study of ethnic groups in the U.K. (including Indian, black, Cypriot, Irish, and Jewish). The course examines patterns of immigration, integration, and conflict. Comparisons are drawn with minorities in other countries.

Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. Offered only through the London Center. (F,S,Y)

Attributes: DV, H, INBG, SS

3 Credits

SOCI 35500 Quantitative Methods (LA)

Topics include the logic of quantitative research, causation, variables and variable construction, questionnaire design, sampling, and univariate and multivariate analysis. Students design and distribute a questionnaire, analyze data, and prepare and present a formal research report.

Prerequisites: SOCI 20500 or GERO 20500. (F,Y)

Attributes: QL

3 Credits

SOCI 35600 Qualitative Methods (LA)

Introduces students to qualitative research methods including in-depth interviews, ethnographic research, participant observation, and content analysis. Students learn how to sample and recruit subjects, how to develop interview guides, and how to code and analyze qualitative data. Students select one of the qualitative methods to explore an issue of interest to them. Students collect and analyze data and prepare and present a formal research report. Prerequisites: SOCI 20500 or GERO 20500; WRTG 10600, ICSM 10800, or ICSM 11800. (S,Y)

Attributes: WI

3 Credits

SOCI 36200 Not For Sale? The Moral Limits of Markets (LA)

This course foregrounds the intersections of markets and moral norms in the context of contemporary capitalism in the United States. Explores how markets mediate ordinary actions in everyday life, from how people feed and dress themselves to where they live and work, and even to how they travel, play, and care for each other. Examines the moral limits of markets by exploring whether there are cultural boundaries beyond which buying and selling become taboo. Prerequisites: Two SOCI courses. (IRR)

3 Credits

SOCI 36300 Mass Incarceration in The U.S. (LA)

Examination of the phenomenon of mass incarceration in the United States through a sociological lens, with focus on underlying social, political and economic causes. Explores the prison as a physical site of confinement and punishment, disproportionate impacts of the criminal justice system on low income, African American and Latinx communities, and the enduring consequences of incarceration on individuals, families, and communities, from limited labor market options to felony disenfranchisement. Prerequisites: Two SOCI courses, at least one of them at the 200-level. (IRR)

Attributes: SO3

3 Credits

SOCI 40100 Community Organizing (LA)

Designed to teach students about a range of approaches to community organizing. Exposes students to theories of organizing and requires practical fieldwork with a community or campus organization in which classroom instruction, information, and insights are tested and improved. Prerequisites: Three courses in Sociology. (IRR)

Attributes: CNSL, LAGC, SL, SO1, SS

3 Credits

SOCI 40200 Society and Nature (LA)

Explores the assertion that the central activity of the individual and collectivities of individuals must be ecological. Students are asked to investigate their capacity to be ecologically "knowing." What does it mean to define our relationships to the places in which we live? Where is this place? What is a relationship? What does it mean to "know" or to "experience" ecologically? Prerequisites: Three courses in Sociology. (Y)

Attributes: ENSS, ESSS, SS

3 Credits

SOCI 40300 Inquiry and Action for Social Change (LA)

Experiential learning opportunity to engage in community-based research to address community needs and issues, such as poverty, hunger, or racism. Working in project-based research teams, students collaborate with representatives of community organizations to design and carry out projects, applying quantitative and qualitative skills as well as theoretical concepts drawn from participatory action research, feminist research, popular education, and reflective inquiry. Skills developed include team building, data analysis, and assessment in the context of cross-cutting concerns of power, inclusion, cross-cultural competency and ethics.

Prerequisites: One course at 200-level or above in ANTH, CSCR, EDUC, ENVS, HLTH, POLT, PSYC, or SOCI. (S)

3 Credits

SOCI 40400 Crisis Intervention (NLA)

Training in specific skills for dealing with people who are experiencing acute crises, with focus on both theory and practice in crisis intervention. Prerequisites: PSYC 34100 or SOCI 30800. (S,Y)

3 Credits

SOCI 40500 Surveillance and Society (LA)

Examines the complex ways in which surveillance technologies and societies (both past and present) interact to produce security, fear, power, and social control. Applying a variety of theories of surveillance, the course investigates surveillance technologies across multiple spheres, including state-building, the workplace, the domestic sphere, and online. With a particular focus on the impact of surveillance on class, gender, and racial formations, students analyze diverse media, including film, reality TV, and social media, to understand perceptions of safety, danger, and the normalization of surveillance technologies in day-to-day lives.

Prerequisites: One 300-level SOCI course. (IRR)

Attributes: SO2

3 Credits

SOCI 40600 Sociology of Money (LA)

Explores how to think sociologically about money, value, and capital by examining the social nature of money, its relationship to power and social order, the source of its value, and how it becomes capital. Topics include the difference between tips, gifts, and bribes, and between allowances and salaries, and the larger question of the seemingly magical power of money, whether viewed as a harbinger of freedom or the root of all evil.

Prerequisites: One 300-level SOCI course. (IRR)

3 Credits

SOCI 40800 Counseling Methods (NLA)

Focus on how to create a conceptual framework to transform counseling theories into practice. Hands-on skill development in advanced interviewing and counseling techniques that may be applied in real-life settings. Prerequisites: PSYC 34100 or SOCI 30800. (F,Y)

3 Credits

SOCI 40900 Skills for the Helping Professional (NLA)

This course introduces students to theory and practice of psychotherapy and other professional helping relationships. Students learn about counseling, assessment, ethics, and helping skills. This course emphasizes basic and specialized skills necessary to function effectively in a helping relationship. Emphasis is placed upon understanding the nature of the helping process in a practical and applied way. Professional helping is explored in the context of cultural competency and a biopsychosocial viewpoint. Self-exploration and some level of self-disclosure are required inasmuch as effective counseling requires the ability to understand oneself and to articulate personal feelings. Prerequisites: SOCI 21700; PSYC 32100; and PSYC 34100 OR PSYC 34200 (courses may be taken concurrently). (F,S,Y)

3 Credits

SOCI 41000 Feminism, Food, and Health (LA)

Investigates how food consumption and health experiences are shaped by multiple and intersecting inequalities, highlighting the potential of a feminist lens to help us to identify root causes and future solutions to major social problems surrounding food and health. Draws upon on intersectional theory, exploring ways in which gendered experiences intersect with other systems of oppression. Prerequisites: One 300-level SOCI course, or one 300-level course with either a WGS or a WGS1 attribute. (IRR)

Attributes: WGS, WGS1

3 Credits

SOCI 41200 Seminar: The National Health System (LA)

A study of the history, development, and function of the national health system in the context of the welfare state, education, housing, class structure, income, and politics in Great Britain. Comparison of the American and British health care schemes. Prerequisites: Three courses in Sociology. Offered only through the London Center. (F-S,Y)

Attributes: SS

3 Credits

SOCI 41500 Seminar: The Police (LA)

Explores both the problems for society of policing its members and the social meaning of policing as experienced by individuals. Topics include the work of the police, relationships with the legal system, discretion and partiality, and current controversies about undercover operations, the use of deadly force, police crime, etc. Prerequisites: Three courses in Sociology. (Y)

Attributes: SO3, SS

3 Credits

SOCI 41700 Law and Society (LA)

This course provides an overview of social science research on drug use, drug regulation, and media portrayals of drug use. Prerequisites: Three courses in Sociology. (F,Y)

Attributes: SO4, SS

3 Credits

SOCI 42400 Global Sociology (LA)

This course focuses on how people shape global change. The course examines social processes such as colonialism, development, and globalization by studying their institutions, manifestations, and the resistances they provoke. Throughout the course we examine the dynamic relationships between structural processes and resistance, agency and human initiatives. Prerequisites: Three courses in Sociology. (IRR)

Attributes: G, INBG, LAEL, LAGC, SO1, SS, WGS, WGS3, WGS4

3 Credits

SOCI 43500-43507 Selected Topics in Sociology (LA)

Courses offered on topics of general interest in sociology. Prerequisites: Three courses in Sociology. (IRR)

Attributes: MAP, SO1, SO2, SO3, SO4

3 Credits

SOCI 43508-43509 ST: Sociology (LA)

Courses offered on topics of general interest in sociology. Prerequisites: Three courses in Sociology. (IRR)

Attributes: SO1, SO2, SO3, SO4

3 Credits

SOCI 44500 Tutorial in Sociology (LA)

Intensive study of a limited topic with a small group of students.

Prerequisites: One 100-level sociology course; junior or senior standing; three courses in sociology; permission of instructor. (IRR)

Attributes: SO1, SO2, SO3, SO4, WGS4, WI

3 Credits

SOCI 46300 Field Research (LA)

Projects arranged individually at the student's request with individual instructors and with departmental approval. Prerequisites: Three courses in Sociology; permission of instructor. (F-S,Y)

Attributes: SS

1-6 Credits

SOCI 46500 Honors in Sociology I (LA)

The honors program in sociology is a two-semester capstone experience that recognizes the outstanding scholarship of sociology majors and minors. Students accepted into the sociology honors program engage in collaborative research in a new area of study or in a substantial extension of topics as developed in the honors seminar. Criteria for admission to the program: Majors: in sociology, including SOCI 31100 Sociological Theory), SOCI 35000 Research Methods, or MATH 15500 Statistics or equivalent; 3.40 or higher GPA in sociology and 3.00 GPA overall. Minors: in sociology, including SOCI 31100, SOCI 35000, or MATH 15500 or equivalent; 3.60 or higher GPA in sociology and 3.00 GPA overall. Students must complete both SOCI 46500 and SOCI 46600 to be eligible to receive honors in sociology. Prerequisites: Permission of instructor. (F,Y)

Attributes: SS

3 Credits

SOCI 46600 Honors in Sociology II (LA)

The honors program in sociology is a two-semester capstone experience that recognizes outstanding scholarship of sociology majors and minors. Students accepted into the sociology honors program engage in collaborative research in a new area of study or in a substantial extension of topics as developed in the honors seminar. Prerequisites: SOCI 46500; permission of instructor. (S,Y)

Attributes: SS

3 Credits

SOCI 47600-47601 Independent Study in Sociology (LA)

An independent study in sociology is arranged individually between student and instructor. Students are expected to do a sophisticated exploration and analysis of an appropriate topic. A proposal for the topic and specific plans must be approved by the dean's office of the School of Humanities and Sciences. May be repeated for up to twelve credits total. Prerequisites: Three courses in social sciences; permission of instructor. (F-S,Y)

Attributes: SS, WI

1-4 Credits

SOCI 48000 Seminar on the Sociology of Pedagogy (LA)

Designed to supplement the practicum on teaching assistance and is required for teaching assistants in sociology courses. It presents the theoretical approach to teaching generally shared by sociology department faculty. A variety of pedagogical theories, including that of Paulo Freire, are examined using an ongoing analysis of the relationship between educational theories and larger social forces and historical conditions. The seminar meets as four half-day workshops during the semester. The seminar is team-taught by the instructors of courses that use teaching assistants. The format includes didactic presentation of theoretical material and discussion, along with focused papers on the reading. The required reading must be completed before the seminar workshop. In the workshop at the end of the semester, the text material is reviewed with analysis of its application in the teaching assistance experience. Prerequisites: One 100-level sociology course; three upper-level sociology courses; permission of instructor. Corequisites: SOCI 48100(F-S,Y)

Attributes: SS, WGS, WGS3

1 Credit

SOCI 48100 Practicum in Teaching Assistance (NLA)

Leadership skills for leading educational discussion groups. Open to students who are acting as teaching assistants in sociology courses. Prerequisites: One 100-level sociology course; three upper-level sociology courses; permission of instructor. Corequisites: SOCI 48000. (F-S,Y)

2 Credits

SOCI 48200 Research Methods Teaching Assistant (NLA)

Teaching assistants tutor students on topics in the research methods courses. TAs work individually and with small groups of students to help them pursue an original research project. This includes helping students select topics, choose an appropriate method of research, design research tools, and collect, analyze, and present data and findings. TAs assist with class exercises. TAs also comment on drafts of student research papers. Students may repeat the experience one time but may not receive a total of more than Prerequisites: SOCI 35400; permission of instructor. (F-S,Y)

1-4 Credits

SOCI 49800-49801 Internship in Sociology (NLA)

Internships arranged individually at the student's request with an instructor and a sponsoring agency, and with departmental approval. Also offered through the London Center by special permission. Prerequisites: Sociology majors, sociology minors or counseling minors; senior standing; permission of instructor. (F-S)
1-12 Credits

Spanish (SPAN)

SPAN 10100 Elementary Spanish I (LA)

Beginning course. Practice in understanding, speaking, reading, and writing simple idiomatic Spanish with special attention to Spanish culture. Emphasizes participation and self-expression. Open to students with no previous Spanish, or by placement examination. (F,S,Y)
Attributes: 3A, G, HM, HU, TIDE
3 Credits

SPAN 10200 Elementary Spanish II (LA)

Continuation of SPAN 10100. Limited to students who have successfully completed SPAN 10100 with a grade of C- or better, or by placement examination. Prerequisites: SPAN 10100 or equivalent. (F,S,Y)
Attributes: 3A, G, HM, HU, TIDE
3 Credits

SPAN 10400 Intensive Elementary Spanish (LA)

An accelerated introductory-level course for students who have previously studied Spanish. The course prepares students for SPAN 20100 by reviewing material covered in SPAN 10100 and presenting SPAN 10200 content. Students may not receive credit for both SPAN 10400 and SPAN 10100 or SPAN 10200. By placement only. (F-S,Y)
Attributes: 3A, G, HU
3 Credits

SPAN 20100 Intermediate Spanish I (LA)

Develops intermediate-level proficiency in speaking, listening, reading, and writing Spanish. Special emphasis is given to Spanish culture. Prerequisites: SPAN 10200 with a grade of C- or better. (F,S,Y)
Attributes: G, HM, HU, TIDE
3 Credits

SPAN 20200 Intermediate Spanish II (LA)

Continuation of SPAN 20100. Develops intermediate-level proficiency in speaking, listening, reading, and writing Spanish. Special emphasis is given to Spanish culture. Prerequisites: SPAN 20100 with a grade of C- or better. (F,S,Y)
Attributes: G, HM, HU, TIDE
3 Credits

SPAN 20300 Spanish Intermediate Conversation (LA)

An optional conversation course for students enrolled in SPAN 20100-20200 who want to maximize their conversational skills. May be repeated for a total of two credits. Does not count towards major or minor. Corequisites: SPAN 20100 or SPAN 20200. (F-S,Y)
Attributes: HU
1 Credit

SPAN 26600 Spanish/Latin American Literature in Translation (LA)

A study of one or more principal works of major Spanish and/or Latin American writers. Taught in English. This course does not count towards language proficiency requirements in majors. (IRR)
Attributes: CTE, HU, WGS
3 Credits

SPAN 29900 Independent Study: Spanish (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: Permission of instructor and chairperson. (IRR)
Attributes: UND
1-3 Credits

SPAN 30100 Teaching Spanish Language to Children through Arts and Recreation (SALTAR) (NLA)

Service learning opportunity to teach Spanish language through cultural content to children in local elementary schools. May be repeated two times for a total of three credits. Prerequisites: Intermediate proficiency in Spanish assessed either via placement exam or successful completion of Spanish 20200. (Y)
Attributes: SL
1 Credit

SPAN 30200 Teatro: Performance and Production (LA)

Production of select dramatic work(s) from Spanish, Latin, American, and US Latino traditions performed in Spanish. This course may be repeated for a total of three credits. Prerequisites: One SPAN course at the 30000-level (excluding SPAN 38000), or by placement exam. (IRR)
Attributes: LAEL
1 Credit

SPAN 32100 Advanced Spanish Grammar and Composition (LA)

Development of complex grammatical, semantic, and syntactical skills through writing and correction, and through examining different examples of written and spoken Spanish (both literary and nonliterary). Students will develop a sense of the writing process as an interaction between writer and reader, purpose and message. Prerequisites: SPAN 20200 with a grade of C- or better, or equivalent. (F-S,Y)
Attributes: CCCS, HU
3 Credits

SPAN 32300 Conversation: Contemporary Issues (LA)

Focuses on contemporary issues to develop students' speaking skills. Readings-based discussions, both literary and nonliterary, include ethical and moral issues, politics, youth culture, and technology and society. Prerequisites: SPAN 20200 with a grade of C- or better. (F-S,Y)
Attributes: 3A, CCCS, G, HU, LAEL
3 Credits

SPAN 32400 Conversation: The Spanish-Speaking World (LA)

Focuses on issues specific to the Spanish-speaking world to improve students' speaking skills. Readings-based topics, both literary and nonliterary, include Hispanic presence in the United States, bilingual education, and language and cultural influences. Prerequisites: SPAN 20200. (F-S,Y)
Attributes: 3A, CCCS, G, HU, LAEL
3 Credits

SPAN 32500 Experiencing Hispanic Literature (LA)

Provides students with essential vocabulary for critical literary analysis, and introduces them to four literary genres (poetry, drama, fiction, and essay) through representative readings from both Spanish and Latin American literatures. Teaches students to read literature and write about it from an analytical perspective. Prerequisites: SPAN 32100 or SPAN 32300 or SPAN 32400. (F,S,Y)
Attributes: LAEL, LSCH, LXME, RPRE, WGS
3 Credits

SPAN 33200 Advanced Business/Professional Spanish (LA)

Practice in speaking, reading, and writing Spanish, with an emphasis placed on business-oriented concepts and materials. Prerequisites:

SPAN 32100 or SPAN 32300 or SPAN 32400. (S,O)

Attributes: CCCS, HU

3 Credits

SPAN 33300 Latin American Civilization and Culture (LA)

An exploration of the people and cultures of the Caribbean, Central America, and South America. Traces the development of these regions from indigenous prequest cultures to contemporary issues of globalization, while addressing ethnicity, gender, religion, class, and the arts. Prerequisites: SPAN 32100 or SPAN 32300 or SPAN 32400. (F,Y)

Attributes: G, H, HU, INBG, LXME, RPPE

3 Credits

SPAN 33400 Teatro: From the Page to the Stage (LA)

Survey of select dramatic works from Spanish, Latin American, and US Latino traditions. Students read, analyze, adapt and perform select dramatic works. Prerequisites: One SPAN course at the 30000-level (excluding SPAN 38000), or by placement exam. (IRR)

Attributes: DV, LAEL, LXME, RPPE

3 Credits

SPAN 33500 Spanish Civilization and Culture (LA)

Cultural exploration of Spain from its prehistory to the present. Topics include people, geography, politics, economy, literature, sciences, music, visual arts, gastronomy, and patterns of daily life. Prerequisites: SPAN 32100 or SPAN 32300 or SPAN 32400. (S,Y)

Attributes: G, H, HU, INBG

3 Credits

SPAN 33700 Introduction to Spanish Literature (LA)

An overview of Spanish literature from the Middle Ages to the present. Special attention will be given to literary movements and recurrent themes. Required for Spanish majors. Prerequisites: SPAN 32500, or by placement examination. (F,Y)

Attributes: 3A, DV, G, HU

3 Credits

SPAN 33800 Introduction to Latin American Literature (LA)

An overview of Latin American literature from the colonial period to the present. Special attention will be given to literary movements and recurrent themes. Required for Spanish majors. Prerequisites: SPAN 32500, or by placement examination. (F,S,Y)

Attributes: 3A, DV, G, HU, RPPE

3 Credits

SPAN 35500 Spanish Translation in Practice (LA)

Further study of the Spanish language through the art of translation. Students develop skills in English/Spanish and Spanish/English translation using a variety of texts (letters, literary selections, journalism, advertisements, and "how to" material). A close reading of the material translated helps the student focus on the nuances of each language and cultural differences. Prerequisites: SPAN 32100. (IRR)

Attributes: LAEL, WI

3 Credits

SPAN 37900 Selected Topics in Spanish and/or Latin American Literature and Culture (LA)

Explores themes pertinent to Spanish and/or Latin American literature and culture. May be repeated for a total of six credits when topics vary.

Prerequisites: SPAN 32100 and SPAN 32500. (IRR)

Attributes: LAEL, RPPE

3 Credits

SPAN 38000 Latino/a Culture through Literature (LA)

This course examines, through literature, the experience and assimilation of Spanish-speaking immigrants to the United States – at present, the nation's largest minority group. It will explore such themes as how Latino/a authors negotiate a path between two cultures and two languages; the presence of Hispanic/Latino groups in the United States; racism and classism; religion; popular culture and the role of women; and the importance of the family. Taught in English. This course does not count towards language proficiency requirements in majors.

Prerequisites: Three courses in the humanities or social sciences. (IRR)

Attributes: CTE, DV, G, LAEL, LSCH, LXME, RPPE, WGS, WGS3, WGS1

3 Credits

SPAN 39900-39901 Independent Study: Spanish (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: SPAN 32500 or SPAN 32300, or equivalent; permission of instructor and chairperson. (IRR)

Attributes: UND

1-3 Credits

SPAN 43700 Contemporary Spanish Culture through Film (LA)

Film is used as a tool through which students will learn about the cultural movements and historic events that have shaped, and continue to shape, contemporary Spanish national identity. Of particular interest will be the Surrealist movement, depictions of the Spanish Civil War, the years of Franco's dictatorship, the Movida, and (re)current polemic issues.

Prerequisites: SPAN 33500 and SPAN 33700. (IRR)

Attributes: HU, INBG, SCE

3 Credits

SPAN 45400 Cervantes (LA)

A study of "Don Quijote" and a selected group of "novelas ejemplares" (short stories) and plays, with particular reference to Cervantes's unique contribution to the modern novel and world literature.

Prerequisites: SPAN 33700 or SPAN 33800. (IRR)

Attributes: HU

3 Credits

SPAN 45500 Golden Age Drama (LA)

The drama of Spain's golden age - the Renaissance and the baroque period - is one of the greatest achievements of world literature. We examine Spain's national drama, its precepts, and its literary tradition created by Lope de Vega and continued for more than 100 years, from 1580 to 1700, by other playwrights such as Calderón, Tirso de Molina, and Alarcón. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)

Attributes: HU

3 Credits

SPAN 45600 Golden Age Poetry (LA)

The poetry of Spain's golden age - the Renaissance and baroque periods - is one of the greatest achievements of world literature. We examine the Italianate poetry of Garcilaso de la Vega, and his followers, and the development of lyrical poetry by other poets of the periods such as Fray Luis de León, Lope de Vega, Francisco de Quevedo, and San Juan de la Cruz. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)

Attributes: HU

3 Credits

SPAN 45700 Golden Age Prose (LA)

The prose of Spain's golden age - the Renaissance and the baroque period - is one of the greatest achievements of world literature. We examine the origin and development of the picaresque novel, the pastoral novel, and short stories. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)
Attributes: HU
3 Credits

SPAN 46100 Medieval Spanish Literature (LA)

Study of representative texts of medieval Spain such as Poema de Mio Cid, Libro de Buen Amor, and La Celestina. Examines the coexistence of Christians, Jews, and Muslims, and their contributions to the development of Western civilization. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)
Attributes: HU
3 Credits

SPAN 46300 Nineteenth-Century Spanish Literature (LA)

Study of representative works of naturalism, realism, and romanticism. Typical authors include Pardo Bazán, Galdos, and Rosalía de Castro. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)
Attributes: 3A, G, HU
3 Credits

SPAN 46400 Contemporary Spanish Literature (LA)

A study of contemporary Spanish fiction, poetry, drama, and essays connecting literature to history, culture, politics, and art forms of the period through linguistic and textual analysis. Readings include texts from the Generación del '98 to the present. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)
Attributes: 3A, G, HU
3 Credits

SPAN 47100 Latin American Fiction (LA)

Traces the development of a particularly Latin American voice through the readings of representative contemporary short stories and novels. Readings may include works by Martí, Azuela, Borges, Fuentes, Cortázar, García Márquez, Allende, and Ferré. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)
Attributes: 3A, G, HU
3 Credits

SPAN 47200 Latin American Poetry and Drama (LA)

Familiarizes the student with the writings of major Latin American poets from the colonial period to the present and with the works of contemporary Latin American dramatists. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)
Attributes: 3A, G, HU
3 Credits

SPAN 47300 Modernismo (LA)

Analysis of the poetical and prose work of "modernismo" (1888-1910), Latin America's first authentic literary movement. Emphasis is given to the study of the new aesthetics and to the desire of Latin America's writers to affirm a new cultural identity. Readings include selections from Martí, Casals, Darío, Silva, Lugones, Rodó, and others. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)
Attributes: HU, LSPL, LXME
3 Credits

SPAN 47400 Topics in Spanish and/or Latin American Literature and Culture (LA)

Studies themes pertinent within Spanish and/or Latin American literature and culture. May be repeated for a total of nine credits when topics vary. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)
Attributes: 3A, G, HU
3 Credits

SPAN 49100 Seminar (LA)

Study of selected topics in Spanish and/or Latin American literature and/or culture. Prerequisites: A minimum of two Spanish literature courses numbered SPAN 33700 or above. May be repeated for a total of six credits when topics vary. (F,S,Y)
Attributes: LAEL, WGS, WGS3, WGS1
3 Credits

SPAN 49900 Honors Research (LA)

Individual research, study, and writing on particular topics, supervised by a member of the department and presented before a departmental committee. For students who meet the honors criteria as described in the undergraduate catalog. (IRR)
Attributes: UND
3 Credits

Speech Lang, Path & Audio (SLPA)

SLPA 10901 American Sign Language I (LA)

Introduction to the linguistic features and core vocabulary needed to develop basic communicative competence in ASL. Students learn basic ASL grammar and apply this knowledge when using ASL to ask and answer questions, introduce themselves, exchange personal information, talk about family and friends, talk about surroundings, provide descriptions, and discuss activities. Discussion of deaf culture is infused throughout the course. Practicing conversations and active participation in and out of class are required. (F-S,Y)
3 Credits

SLPA 11010 Phonetics (NLA)

An introduction to the study of speech sounds used in the production of American English. Emphasis is placed on (1) sound to symbol transcription using the International Phonetic Alphabet, as well as (2) development of transcription speed and accuracy. Anatomy and physiology of the speech mechanism are introduced for the purpose of describing speech sound production. (F-S,Y)
3 Credits

SLPA 12000 Information Research Strategies for Speech Language Pathology and Audiology (NLA)

Develop information literacy and evidence-based practice research skills within the context of the Speech Language Pathology and Audiology. Apply research skills that include studying and time management strategies, search strategies, critical evaluation of information, information management, documentation, communication, and use of information from a variety of sources and formats in an effective and ethical manner. (S,Y)
2 Credits

SLPA 15000 Introduction to Communication Disorders (LA)

An introduction to speech, language, and hearing disorders. A variety of disorders in both children and adults is surveyed, including articulation and language disorders, stuttering, learning disability, cleft palate, cerebral palsy, voice disorders, and hearing losses. The study of these disorders includes incidence/prevalence, characteristics, causes, cultural and linguistic variations, and the impact of the disorder on the individual and society. The course is designed for and open to all students. (F-S,Y)
Attributes: 1, SS

3 Credits

SLPA 20800 Perspectives on Deafness (LA)

Examination of disability perspectives and alternatives to disability perspectives on deafness in the US. Discussion of issues related to child development (e.g., development of speech, language, and literacy) from an educational perspective. Discussion of intervention from an audiological perspective. Discussion of controversies inside and outside the deaf community related to educational and clinical interventions. Prerequisite: SLPA 10901 with a grade of C- or better. (S,Y).

3 Credits

SLPA 20901 American Sign Language II (LA)

Students learn additional linguistic features, cultural protocols, and core vocabulary. Students practice using ASL grammar for giving directions, describing others, making requests, attributing qualities to others, and talking about family, occupations, and routines. Discussion of Deaf culture is infused throughout the course. Practicing conversations and videotaping use of ASL in and out of class are required. Prerequisites: SLPA 10901 with a grade of C- or better. (F-S,Y)

Attributes: HU

3 Credits

SLPA 21200 Anatomy and Physiology of the Speech and Hearing Mechanisms (LA)

Anatomy and physiology of the speech and hearing mechanisms; respiration, phonation, resonance, articulation, and basic neurological concepts underlying the communication process. Prerequisites: Second-semester freshman status. (F,Y)

Attributes: NS

3 Credits

SLPA 21600 Normal Language and Literacy Development (LA)

Introduces the student to the study of language and literacy development in children. Topics include prelinguistic development, components of language, theoretical models of language acquisition, individual differences, relationships between oral and written language, and cultural and linguistic variations in language development. Prerequisites: Sophomore standing. (F,Y)

Attributes: SS

3 Credits

SLPA 22000 Speech Sound Development and Disorders (NLA)

Study the typical speech sound development process, and causes and characteristics of delayed and atypical speech sound development; the relationship among phonological development and other language areas is also considered. Transcription of speech sound production errors, identification of articulatory and phonological error patterns, and assessment and treatment techniques are presented. Prerequisites: SLPA 11010 with a grade of C- or better. (S,Y)

3 Credits

SLPA 23000 Child Language Disorders: Assessment and Intervention (NLA)

An introduction to the study of developmental language disorders. The course examines characteristics of language disorders in the areas of syntax, grammatical morphology, semantics, and pragmatics. The course demonstrates how to incorporate established theory into language assessment and intervention practices. Formal and informal assessment procedures are reviewed. Intervention techniques are examined, and specific intervention experiences are designed and executed. Prerequisites: SLPA 21600 with a grade of C- or better. (S,Y)
3 Credits

SLPA 24000 Basic Audiology (NLA)

Study of anatomy and physiology of the hearing mechanism, acoustics, auditory pathologies, classification of hearing disorders, and the profession of audiology. Additional topics covered include pure-tone and speech audiometry, immittance measures, and material of current interest. Prerequisites: Sophomore standing. (F,Y)
3 Credits

SLPA 24200 Aural Rehabilitation (NLA)

Study of the perceptual, psychological, and educational implications of hearing loss. The course will focus on areas significant to the (re)habilitation of individuals with hearing loss, such as identification, evaluation, remediation, and counseling. Prerequisites: SLPA 24000 with a grade of C- or better. (S,Y)
3 Credits

SLPA 30901 American Sign Language III (LA)

Emphasis is placed on development of communicative competencies in ASL conversations beyond the basic level including telling life events, describing events in time, asking for clarification, correcting, conforming, elaboration on information, agreeing and disagreeing, resolving conflicts, and giving directions. Classroom and outside activities include practicing dialogues, short stories, narratives, and short conversation. Discussion of Deaf culture is infused throughout the course. Practicing conversations and videotaping use of ASL in and out of class are required. Prerequisites: SLPA 20901 with a grade of C- or better. This course is only open to Deaf Studies minors. (F,Y)
3 Credits

SLPA 31000 Deaf Culture (LA)

Examination of deaf heritage including contributions and perspectives of leaders in the Deaf community. Examination of deafness as portrayed in literature and movies. Examination of artistic expression within the Deaf community including contemporary visual artists and the National Theatre for the Deaf. This course is the capstone course for the minor; a guided project is required, and travel to a theatrical production may be required. Prerequisite: SLPA 20800 with a grade of C- or better. (F,Y)
3 Credits

SLPA 32500 Voice and Swallowing Disorders (NLA)

Examine and understand the nature, etiology, and physiology of normal and abnormal voice and swallowing patterns. Learn about the variety of clinical procedures involved in voice and swallowing evaluations. Gain knowledge in the available instrumental procedures used in the study of voice and swallowing disorders. Explore a variety of intervention strategies for voice and swallowing disorders. Prerequisite: SLPA 21200. (S,Y)
3 Credits

SLPA 33000 Advanced Clinical Audiology (NLA)

An in-depth exploration of clinical audiology with hands on experiential learning. Topics include but are not limited to diagnostic procedures, hearing technology, special populations, and patient-centered practice. Students engage in active learning through integrating lecture materials, hands-on activities, lab work, and group projects. Prerequisites:

SLPA 24000 with a grade of B or higher; SLPA 24200 with a grade of B or higher. (F,Y)

3 Credits

SLPA 35900 Communication Disorders in the Aging Population (LA)

Introduces the communication disorders common to older persons.

Speech and language disorders, hearing disorders, and the role of allied health professionals are examined. Prerequisites: Any 10000-level GERO course or BIOL 20500 or SLPA 21200, at least one of which must be completed with a grade of C- or better. (S,Y)

Attributes: SS

3 Credits

SLPA 36000 Brain Science (LA)

Addresses the basic structure and function of the brain with a special focus on the neuroscience of communication. Relationships between different lesion sites in the brain and the communication breakdowns that they produce will be introduced. Prerequisites: SLPA 21200 with a grade of C- or better. (F,Y)

3 Credits

SLPA 36500 Basic Speech Science (LA)

Introduces the undergraduate student in speech-language pathology to topics in speech science. Areas covered include an overview of the acoustics of sound, the glottal spectrum, acoustics of consonant and vowel production and perception, suprasegmentals, and instrumentation. Prerequisites: SLPA 21200 with a grade of C- or better. (S,Y)

Attributes: NS

3 Credits

SLPA 37000 Clinical Observation (NLA)

An intensive clinical observation experience is provided in conjunction with classroom instruction focusing on designing individualized intervention programs, writing behavioral objectives, and general case management strategies. This course is only open to Speech-Language Pathology majors. Prerequisite: SLPA 22000, SLPA 23000 with a grade of C- or better. (F,S,Y)

3 Credits

SLPA 39900-39904 Selected Topics in Speech-Language Pathology and Audiology

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR)

1-3 Credits

SLPA 42900 Tutorial in Speech-Language Pathology (NLA)

Intensive study in speech-language pathology for advanced students. The student presents a written proposal to an instructor who is chosen by the student to direct the tutorial. After the instructor agrees to direct the tutorial, copies of the proposal are forwarded to the student's adviser and chairperson for final approval. This procedure must be completed prior to registration. Prerequisites: Junior standing; permission of adviser and department chair. (F-S,Y)

1-3 Credits

SLPA 44900 Tutorial in Audiology (NLA)

Intensive study in audiology for advanced students. The student presents a written proposal to an instructor who is chosen by the student to direct the tutorial. After the instructor agrees to direct the tutorial, copies of the proposal are forwarded to the student's adviser and chairperson for final approval. This procedure must be completed prior to registration.

Prerequisites: Junior standing; permission of adviser and department chair. (F-S,Y)

1-3 Credits

SLPA 45200 Diagnosis and Appraisal in Speech-Language Pathology (NLA)

Develops proficiency in clinical interviewing as well as test administration and scoring, primarily in the areas of oral-facial inspection, articulation and child language. Specific procedures are then developed and practiced outside of class meetings. An evidence-based practice model guides clinical decisions for planning, interviewing, evaluating, interpreting findings, and for documentation. Prerequisites: SLPA 22000, SLPA 23000 with a grade of C- or better, MATH 14500 or MATH 15500 or PSYC 20700, and senior standing. (F,S)

3 Credits

SLPA 45400 Speech and Language Disabilities in Educational Settings (NLA)

Focus on the organization and management of speech and language programs in a variety of settings, including categories of disability, identification and evaluation procedures, models of service delivery, evidence-based practice, a workload approach, cultural considerations, and the development of professional relationships. Implications of applicable federal and state statutes covering service provision also are discussed. Prerequisite: SLPA 37000 with a grade of C- or better. (F-S,Y)

3 Credits

SLPA 45900 Communication Disorders in Culturally Diverse Populations (NLA)

Cultural pluralism as it relates to communication disorders in the United States; its impact on the professions of speech-language pathology and audiology; and sociolinguistic issues of dialect, communication style, and attitudes toward them. Discussion includes cultural factors that may influence the acquisition of speech and language; incidence and variation of specific speech and language disorders among diverse populations; assessment and treatment procedures that accommodate cultural differences; goal selection strategies; selection of unlisted materials; educational implications; and specific intervention cases.

Prerequisites: Senior standing or permission of instructor; only open to Speech-Language Pathology majors. (S,Y)

3 Credits

SLPA 47200 Clinical Methods (NLA)

This capstone course provides in-depth discussion of the clinical process with emphasis on assessment and intervention strategies, therapy approaches, and principles. This course is open only to Speech-Language Pathology majors. Prerequisites: SLPA 37000 with a grade of C- or better; senior standing. Corequisites: SLPA 47300. (F,S,Y)

Attributes: CP

3 Credits

SLPA 47300 Clinical Practicum (NLA)

Applied, supervised clinical practicum experience in speech-language pathology that provides the opportunity to interact with clients. Involves developing and implementing a program of therapy, preparing lesson plans, and writing progress reports. Prerequisites: SLPA 37000 with a grade of C- or better. Corequisites: SLPA 47200. This course is only open to Speech-Language Pathology majors. (F-S, Y)

1 Credit

SLPA 49900-49902 Independent Study in Speech-Language Pathology/Audiology (NLA)

Individual investigations (in-depth study, research, reading) related to Speech-Language Pathology or Audiology that are not fully covered by regular coursework. Arranged individually between the student and faculty sponsor according to the guidelines set forth by the school of HSHP. Prerequisites: Approval of the faculty sponsor, advisor, department chair, and dean. (F-S,IRR)

1-3 Credits

Sport Management (SMGT)

SMGT 11000 Introduction to Sport Management (NLA)

Overview of the sport industry, including managerial, legal, social and economic forces that shape organizational decision-making. Theories, trends and best practices in the management of sport organizations are analyzed, with emphasis placed on how the managerial process is related to sport organizations and their products. (F-S,Y)

3 Credits

SMGT 21000 International Sport (LA)

This course provides an analysis of sport in an international context and uses sport as a way to examine the impact of colonization and the influence of western culture on the global community. The economics, history, and culture of each region are explored to understand the different ways that sport impacts individuals and societies around the globe. Students will be introduced to problems/issues faced by international sport managers by analyzing and discussing international sport case studies. Prerequisites: Sophomore standing. (IRR,U,W)

Attributes: DV, LAGC, SO, TIDE

3 Credits

SMGT 21500 College Sport (LA)

An exploration for the historical development, various challenges, and current debates surrounding the often-conflicted relationship between athletic departments and the university community. Special emphasis is given to social and culture impact of college sport on athletes, students, fans, families, communities and society. Prerequisites: Sophomore standing. (IRR)

3 Credits

SMGT 22000 Current Issues in Professional Sport (LA)

Exploration of the various elements of the professional sports industry. Students will examine aspects that span the entire industry, as well as study the development and current challenges of the most significant and relevant leagues. Special emphasis is given to social and culture impact of professional sport on athletes, fans, families, communities and society. Prerequisites: Sophomore Standing. (IRR)

Attributes: SO, TPJ, TWOS

3 Credits

SMGT 26500 Policy and Governance in Sport Organization (NLA)

Analysis of governance structures and operational activities of professional team-sport leagues, intercollegiate athletics, the Olympic movement, and international sports association. An examination of policy development in various areas of the sport enterprise. Case studies of current sport issues and problems are utilized. Prerequisites: SMGT 11000. (F-S, Y)

3 Credits

SMGT 29200-29202 Selected Topics in Sport Management (NLA)

A series of short courses in specialized areas of sport management. Visiting lecturers and faculty of the school participate in areas of their expertise. Analyses of actual case studies focusing on sport management problems and issues confronted by sport managers helps students in further developing their critical thinking and problem-solving skills. Students conduct independent research in which they analyze a particular management problem/issue (case study), and develop and write strategies to effectively address the management problem/issue. May be repeated for different topics. Prerequisites: SMGT 11000 (IRR)

3 Credits

SMGT 30300 Sport Law I (NLA)

In-depth analysis of the legal issues facing the management of the sports industry, including how law is applied to amateur and professional sports organizations. Topics covered include intentional torts and negligence; gender equity and other forms of discrimination, risk management, and selected current legal issues impacting sport organizations. Emphasis is on management perspectives. Prerequisites: SMGT 11000; GBUS 20300; junior standing. (F-S)

3 Credits

SMGT 31000 Labor Relations in Sport (NLA)

Examination of the development, history, and legal aspects of the labor movement in sport. Discussion of collective bargaining process in sport and the impact that court cases, antitrust law, and arbitration decisions have had on professional sports. Analysis of resolutions to specific labor problems through simulated negotiations. Prerequisites: SMGT 11000 or SMGT 20700; junior standing. (F or S,Y)

3 Credits

SMGT 32600 Sport Marketing and Sales (LA)

Examination of the concepts and principles of promotion as applied to the unique aspects of sport. Analysis of the relationship between sport promotions and public relations strategies that are employed by the sport manager. Students develop promotional strategies and activities that can be applied in real-life sport organizations to enhance the relations efforts of the organization. Prerequisites: SMGT 11000; MKTG 31200; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (F,S)

Attributes: WI

3 Credits

SMGT 33500 Sport Event and Facility Management (NLA)

Develops a student's understanding of the competencies necessary to plan, manage and operate sport, recreation, fitness, and public assembly facilities. Specific topics covered: scheduling; security and supervision; safety and risk management; purchasing and maintenance; marketing and sales; funding of new facilities; sustainability; economic feasibility and revenue sources related to sport facilities. In addition, the conceptual and technical aspects related to the development, operation, and marketing of sport-related events will be addressed in depth to include planning and implementing actual events. Prerequisites: SMGT 11000. (F,S)

3 Credits

SMGT 36500 Sport Economics (LA)

Application of economic theory to the markets of professional and amateur sports. This course applies economic principles to analyze a wide range of issues within the realm of professional sports and intercollegiate athletics. Included are the analysis of labor markets and labor relations, public finance of sports facilities, and the organization of sports institutions. Prerequisites: SMGT 11000; ECON 12100; ECON 12200; junior standing. (F,Y)

3 Credits

SMGT 38500 Advanced Sport Marketing (NLA)

This class provides an intensive analysis of consumer habits and trends, linked with strategies for sport organizations to deliver products and experiences in the marketplace. Students build on previous knowledge of marketing to apply sales techniques to maximize revenue generation. Prerequisites: SMGT 11000; SMGT 32600; junior standing. (IRR)
3 Credits

SMGT 39000 Digital Marketing in Sport (NLA)

This course is designed to develop a student's understanding of how to manage a cross-section of digital channels to market in the sport industry. This course will include the following topics: the utilization of the websites, eCommerce, social, and mobile platforms in sport marketing; the importance of data analysis in digital marketing; the development of a sport organization's multi-dimensional digital presence; interactivity of the branded experience; online customer relations management; and evaluating various digital marketing deliverables. Prerequisites: SMGT 11000; MKTG 31200; SMGT 32600 and junior standing. (IRR)
3 Credits

SMGT 39500 Sponsorship and Promotions in Sport (NLA)

This course focuses on the process of developing, activating, and managing sport sponsorships and related sales promotions. Students will investigate, analyze and apply various strategies to attract and design sponsorship and promotional plans for sport organizations. Evaluation of sponsorship fulfillment, use of e-commerce promotional tools, risk management in promotions delivery, and revenue generation through the sale of sport merchandise, licensing and broadcasting rights will be addressed.
3 Credits

SMGT 39700-39702 Selected Topics in Sport Management (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Prerequisites: Junior standing, and as appropriate to topics. (IRR)
1-3 Credits

SMGT 41000 Contemporary Issues in Sport Management (LA)

This is the capstone course for the sport management concentration, which is an analysis of current issues across the sport industry. This course provides an in-depth look at how sports, sport organizations, and leaders in the sport industry serve power centers in society, and contribute/challenge race, class, age, sexuality, disability, and gender logic in US culture. This course integrates aspects of sport economics, marketing, law, sociology, leadership, and ethics to provide context for future leaders of sport organizations. Special emphasis is given to the implications of ethical managerial decision-making. Prerequisites: SMGT 26500. (F,S,Y)
Attributes: CP, DV
3 Credits

SMGT 41500 Strategic Management in Sport (NLA)

Integrates the various disciplines studied in sports management to develop strategic management plans. Examines strategic positions taken by leaders of actual sport organizations. Provides students opportunities to develop managerial decision-making and leadership skills. Prerequisites: SMGT 11000; SMGT 31500; SMGT 32600; senior standing; sport management concentration. (F,S,Y)
Attributes: CP
3 Credits

SMGT 49800 Internship with Academic Enhancement: Sport Management (NLA)

Supervised work experience in amateur or professional sport agencies and community sport organizations. Student assumes a leadership role in various job-related activities and performs administrative tasks in support of such activities under an experienced agency supervisor and faculty sponsor. Prerequisites: Junior standing; completion of appropriate principles course; minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application; and permission of instructor. Pass/Fail only. (F,S,Sum, W)
1-6 Credits

Sports Media (SPME)

SPME 11100 Introduction to Sports Media (NLA)

An introductory course that investigates global sport media landscape, including areas of print, broadcast, Internet and evolving social media platforms. Functions of media delivery, skills, and attributes required of industry professionals are discussed. Students become acquainted with career opportunities in the sport media field. (F,S-Y)
3 Credits

SPME 22500 Sports Media Relations (NLA)

Deals with the workings and process behind executing the proper techniques of media relations in all facets of the sport industry. The media relations offices of college/university athletic departments or professional franchises act as liaisons between the school/team and the media. To better understand how both sides work to form this symbiotic relationship, sport organizations will be analyzed in terms of their organization and execution of promotion and marketing strategies. Prerequisites: Sophomore standing; and Sports Media majors or other Park School majors with instructor permission. (F,Y)
3 Credits

SPME 24200 Sports Video Production (NLA)

Students apply their introductory knowledge of preproduction planning, camera work, scriptwriting, editing, and interview techniques to create video packages dealing with local sport events. Students will complete their packages in a collaborative manner through all phases of fieldwork production. The emphasis is on improving the proper fundamentals and techniques needed for shooting sporting events while creating an interesting audio and visual perspective. Prerequisites: TVR 11500; SPME 11100; sophomore standing. (Y)
3 Credits

SPME 29200-29300 Minicourse in Sports Media (NLA)

A series of short courses in specialized areas of sports media. Visiting lecturers and faculty of the school participate in areas of their expertise. Analyses of actual case studies focusing on sports media problems and issues confronted by sport managers helps students in further developing their critical thinking and problem-solving skills. Students conduct independent research in which they analyze a particular management problem/issue (case study), and develop and write strategies to effectively address the management problem/issue. May be repeated. Additional fee for course materials (see course schedule). Prerequisites: At least one SPME course; refer to "Undergraduate Course Offerings" each semester. Pass/fail only. (IRR)
1-3 Credits

SPME 33900 Sports Publications (NLA)

Examines the operations and procedures behind the various arms of the print media. Students will learn about newspapers, magazines, and web publications by first analyzing their historical evolution and basic business models. The primary goal is to understand how these media outlets define their target audience, satisfy commercial obligations, and then create relevant and appealing material. Students will analyze the style and tone of the various media outlets by reading different publications and critiquing the presentation along with the substance of the words on the page. After the analytical work is completed, the second half of the semester will be based on students writing copy for newspapers, magazines, and web publications. The final goal is to produce a publication created solely by all the students in the class. Prerequisites: JOUR 11100; SPME 11100; junior standing. (S,Y) 3 Credits

SPME 39000 Gaming in Sports Media (LA)

The intersection of gaming, gambling and fantasy sports in sports media is explored. Gaming's embrace of disruptive technology, analytics, legal decisions and changing mores mean once frowned-upon activities are now mainstream leisure and economic pursuits. (F,S) 3 Credits

SPME 39800 Narratives in Sports Documentaries (LA)

Investigates sporting narratives through the examination of contemporary documentaries. Emphasis on sporting influence on individualistic and societal levels through story, setting and various themes, including forgiveness, regret, pursuit of happiness and structured, calculated rebellion. Prerequisites: Three courses in Sport Media or Sport Studies; Junior or senior standing. (F,S,Y) Attributes: DV 3 Credits

SPME 39900-39902 Selected Topics: Sports Media (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR) 1-3 Credits

SPME 39903 Special Topics: Athletes in the Media: Critical Discourse Surrounding Sports Figures (LA)

The class will discuss the intersection of sport and media during seminal moments in American history and will offer critical perspectives of how media shaped the narrative surrounding primary actors. It is as much an examination of the people as it is the situations they were set in. Prerequisites: JOUR 11100. (Y) Attributes: CCCS 3 Credits

SPME 44000 Senior Workshop in Sports Media (NLA)

Integrates the various disciplines studies in sports media to develop communications-related plans. Allows students opportunities to create artifacts pertaining to video production, strategic communications, sports journalism, and/or emerging sports media. Prerequisites: Sports Media majors; SPME 11100; SPME 22500; SPME 33900 and senior standing (F-S) 3 Credits

SPME 45000-45100 Independent Study in Sports Media (LA)

Individual study program for the investigation of special issues or topics in the field of sport media that have such breadth of cultural material or psychological material, such rigor and depth of theoretical structure, or such play of broad intellectual and aesthetic themes as to be classified liberal arts. Arranged individually between student and faculty sponsor according to guidelines available from the department. Prerequisites: Sports Media major; permission of the program director. (F-S,Y) 1-3 Credits

SPME 46000 Internship in Sports Media (NLA)

Supervised work experience in amateur or professional sport agencies and community sport organizations. Student assumes a leadership role in various job-related activities and performs administrative tasks in support of such activities under an experienced agency supervisor and faculty sponsor. Prerequisites: Sports Media major; permission of program director; completion of the Park School internship procedures. This course may be repeated for a total of twelve credits. (F-S,Y) 1-12 Credits

Strategic Communication (STCM)

STCM 10300 Introduction to Strategic Communication (LA)

Introduction to the fundamental theories, concepts, and applications of strategic communication to meet a variety of organizational goals. Provides an overview of practices in communication management, learning, and design, and integrated marketing communications. Describes how these elements can be combined to create seamless programs that affect the various publics of businesses and not-for-profit organizations, and how such programs increase organizational value and effectiveness. Students investigate issues that challenge contemporary organizations by analyzing case studies, conducting research, and designing possible solutions from multiple perspectives. (F,S) 3 Credits

STCM 10800 Communication in Organizations (LA)

An introductory examination of human communication in organizations, with an opportunity to develop the skills necessary to approach organizational communication situations. Includes the use of mediated communication for skill development and evaluation. (F-S) Attributes: SS 3 Credits

STCM 11100 Presentation & Graphic Design (NLA)

Introduction to the planning, design, production, and delivery of presentations, posters, graphics, and websites. Emphasis on design and production, critical application of graphic design principles to instructional, informational, and motivational messages. Projects focus on creative use of graphic design practices for strategic communication. Students gain practical experience in graphic design, layout, composition, image manipulation, website design, and presenting. (F-S) Attributes: CCCS 3 Credits

STCM 12300 Systemic Design (LA)

An introduction to the perspectives and approaches of systems science and design, particularly emphasizing the usefulness of their combination in planned change in organizations. Sample topics include: thinking across and beyond disciplines; systems types and views; complexity; rational and creative (out-of-control) processes; and the consequences of innovation. Most assignments and projects are set in the context of organizational communication and learning, but their relevance and value extend well beyond. (F,S)

Attributes: CA, SO, TIII, TWOS

3 Credits

STCM 13300 Live Events: Spectacles, Festivals, Celebrations, and Society (NLA)

Introduces students to the field of live events. Through case studies, guest presentations, and class projects, students will explore the evolution of events over time and examine the intersectionality of events with society, identity, community, economy, brand, pop culture and more. Students will research and analyze the strategies and outcomes of specific events, providing them with a foundation for understanding how to conceptualize events that are ethical and achieve the desired outcomes. (Y)

3 Credits

STCM 20200 Career Pursuit (NLA)

The course focuses on the development of professional competencies and professional identity, specifically tailored for students in strategic communication fields. Focus on methods of reflective practice and transferring classroom learning into professional practice. An overview of projected developments and trends, especially increasing integration, in various fields of strategic communication is provided. Readings and activities represent various communication occupations, industries, and professional organizations. Enrollment limited to communication management and design majors and minors. This is a block course.

Prerequisite: STCM 10300. (F-S)

1 Credit

STCM 20400 Virtual Teams (NLA)

An exploration of the communication and collaboration challenges faced by hybrid and virtual work teams. A focus on teams as emergent sociotechnical systems is provided. Students develop an understanding of team attributes, dynamics, and processes as well as a practical set of basic facilitation and assessment skills to enhance team effectiveness across remote workspaces. Prerequisites: STCM 10300, STCM 10800, CMST 11500, or permission of the instructor; Sophomore standing. (IRR)

3 Credits

STCM 20600 Web Design (NLA)

An intermediate level course in designing web sites for organizations. Emphasis is placed on web design (languages and tools), site content, navigation, and aesthetics. The course combines lectures, discussions, classroom exercises, and projects. Prerequisites: STCM 11100. (F-S)

Attributes: CCCS

3 Credits

STCM 21000 Instructional Design (NLA)

An introduction to theories, processes, and practices associated with workplace learning and performance. Major topics include learning theory, designing training, organizational learning, employee development, and performance improvement. Prerequisites:

STCM 10300. (F)

3 Credits

STCM 21100 Corporate Communication: Strategy and Design (NLA)

This course is intended to give students a strong foundation in the strategy and design of corporate communication programs for internal and external communication. Students will use theories, principles, and practices of corporate communication to assess contemporary strategies and communication efforts and will gain experience in strategic design for both internal communication (e.g., employee communication, change communication, knowledge management) and external communication (e.g., communication with investors and the community, interorganizational communication, crisis communication, customer and government relations). Prerequisites: STCM 10300. (F,S)

3 Credits

STCM 21200 Experience Design (NLA)

Experience design is the practice of designing interactive processes, media services, exhibitions and events for both entertainment and instruction. The focus is placed on design for an audience rather than an individual user, with an emphasis on finding solutions for client needs. It draws from many other disciplines including psychology, theatrical production, communication, and marketing. The course will provide students with a broad overview of the practice and principles that drives the creation of experience in various forms. Student projects will be delivered via professional presentations, but require design and development of elements using 3D printing and virtual reality.

Prerequisites: STCM 11100. (S)

3 Credits

STCM 22000 Interactive Media (NLA)

Provides hands-on experience in designing and creating interactive multimedia projects. An examination of the theoretical bases and applications of interactive media will inform projects involving interactive data visualization, augmented reality design, and design for mobile technologies. Student projects focus on instructional, promotional, and informational applications of these web-based technologies.

Prerequisites: COMP 10500 or STCM 11100. (F,S)

Attributes: CCCS

3 Credits

STCM 23000 Meeting and Event Management (NLA)

Provides theoretical grounding and practical skills in meeting and event management. Students learn to design, manage, lead, and critique events that support strategic organizational goals, including meetings and trainings, conferences, online events, and special events. Student groups practice facilitation, decision-making, and event-planning skills through class exercises, tours and guest speaker presentations. Prerequisites:

STCM 10300 or STCM 10800 or STCM 13300. (F,S)

3 Credits

STCM 23200 Public Relations (LA)

Defines public relations functions and processes. Examines public relations history, ethics, theories, tactics, specializations, and career opportunities. Prerequisites: Sophomore standing. (F-S)

Attributes: UND

3 Credits

STCM 23400 Promotional and Instructional Video (NLA)

Introduction to the theory and practice of video design and production in corporate and other organizational settings. Emphasis is placed on the nature of corporate, industrial, instructional, and not-for-profit video; program formats; and beginning field production and postproduction using digital video tools. Prerequisites: STCM 10300 or TVR 12400. (F)

Attributes: CCCS

3 Credits

STCM 24100 Advertising (LA)

A survey of the history, organization, operation, and regulation of the advertising industry. Emphasis is placed on the economics of advertising, including rate structures, media analysis, and demographics, and on the creation and evaluation of advertising. Prerequisites: Sophomore standing. (F-S)

3 Credits

STCM 25100 Organizational Culture and Conflict (LA)

Examination of the role communication practice plays as both the foundation of organizational culture and the means by which organizational conflict is expressed and negotiated. Focus is on the role of communication in framing and sustaining organizational culture, as well as how modes of communicating and mediating conflict are manifestations of an organization's culture. Review of the value-based, symbolic, and ritualistic foundations of conflict as it occurs between members of organizations, as well as between organizations and the public. Includes the use of appropriate case studies to amplify communication issues. Prerequisites: STCM 10800 or sophomore standing. (S)

Attributes: SS

3 Credits

STCM 28800 Research and Statistics for Strategic Communication (LA)

Basic research methods (including qualitative, quantitative and mixed methods approaches) examined in diverse organizational, corporate, and marketing communications settings. Emphasis on theoretical bases, procedures, and ethical considerations. Skills developed in application of techniques and in interpretation and criticism of studies of external and internal communications serving organizational, corporate, and marketing functions. Focus on methods used to identify, describe, and evaluate stakeholders, determine message effectiveness, establish communication objectives, plan communication strategies and tactics, and evaluate their impact on stakeholders and organizational goals.

Prerequisites: STCM 10300. (F,S)

Attributes: CCRM, QL

3 Credits

STCM 29200-29202 Minicourses in Communications (NLA)

A series of short courses in specialized areas of communications that do not meet the College guidelines for liberal arts designation. Visiting lecturers and faculty of the school participate in areas of their expertise. May be repeated. These courses do not count toward required strategic communication electives. Prerequisites: Vary depending on the topic; refer to Undergraduate Course Offerings each semester. Pass/fail. (IRR)

1 Credit

STCM 29203-29205 Minicourse in Communications (NLA)

A series of short courses in specialized areas of communications that do not meet the College guidelines for liberal arts designation. Visiting lecturers and faculty of the school participate in areas of their expertise. May be repeated. These courses do not count toward required strategic communication electives. Prerequisites: Vary depending on the topic; refer to Undergraduate Course Offerings each semester. Pass/fail. (IRR)

1 Credit

STCM 29300 Minicourses in Communications (LA)

A series of short courses in specialized areas of communications that meet the College guidelines for liberal arts designation. Visiting lecturers and faculty of the school participate in areas of their expertise. May be repeated. These courses do not count toward required strategic communication electives. Prerequisites: Vary depending on the topic; refer to Undergraduate Course Offerings each semester. Pass/fail. (IRR)

1 Credit

STCM 29600 Audience Research and Media Planning (NLA)

Survey of the major forms of audience research in television and radio, with particular emphasis placed on the Nielson and Arbitron ratings reports. Covers principles of sample surveys; interpretation of audience data; and application to programming, promotion, and sales. Prerequisites: TVR 12100; TVR 26000 or PSYC 20700. (F-S)

3 Credits

STCM 30000 Crisis Communication (NLA)

Emphasizes the process by which individuals and organizations strategically manage various types of social, political, environmental, and organizational disasters or emergencies. The course explores multiple layers and levels of a crisis and the communication issues that develop, especially in terms of rebuilding the community. These communication issues are then applied to a current crisis. Prerequisites: STCM 21100 or STCM 23200. (F)

3 Credits

STCM 30100 Social Media Strategy (NLA)

Explores social media use in marketing and corporate communication. Topics addressed include social media ethics, branding and content strategy, best practices in content creation and management, and social collaboration in the workplace. Enables students to apply social media tools in the design of marketing, advertising and employee communication. Students will analyze and develop social media campaigns and develop plans for leveraging social media for a strategic purpose. Prerequisites: STCM 21100. (S)

Attributes: CCCS

3 Credits

STCM 30300 Games for Marketing & Training (NLA)

Examines the design of and methods for creating games for marketing and training. Emphasis is on applying game design techniques utilizing theories of persuasion, motivation, and learning. Students will also learn about the two different contexts of designing games for marketing and training. Students will create examples and prototypes of their designs.

Prerequisites: STCM-22000. (S)

3 Credits

STCM 30600 Advanced Web Design (NLA)

Building on Web Design, an advanced course in website design that provides a hands-on approach to designing dynamic, database driven websites by incorporating a user-based approach in the design and implementation. Core concepts explored include: visual design for the dynamic web, coding and development platforms, relational databases, and content management systems. Prerequisites: STCM 20600. (S)

3 Credits

STCM 30900 Media Planning (NLA)

Advanced application of the qualitative and quantitative study of media audiences, including broadcast, print, out-of-home, online, mobile, and social media, with particular emphasis placed on measures of audience composition, coverage, and engagement, and the interpretation and application of audience data to media planning for integrated marketing communication campaigns. Prerequisites: STCM 24100. (F,S)

3 Credits

STCM 31000 Organizational Speech Writing and Interviewing (LA)

The role of the organizational communication specialist includes many functions, two of which are addressed in this course. The organizational interviewing function focuses on dyadic and group situations where information is gathered, evaluated, and sometimes shared, such as selection, appraisal, and focus group interviews. The organizational speech-writing function focuses also on the production and dissemination of information and includes audience analysis and manuscript writing. Students prepare and conduct interviews, write speeches, and critique both the execution and underlying dynamics of each. Prerequisites: STCM 10800, SPCM 11000, or SPCM 11500; two courses in communications, speech communication, or culture and communication. (IRR)

Attributes: CCCS, H, UND

3 Credits

STCM 31100 Communicating with Stakeholders (NLA)

Explores the strategies and tactics employed by communication professionals in engaging and influencing internal and external organizational stakeholders including employees, customers, donors, stockholders, lawmakers and regulators, community neighbors, the press, and business partners. Students will learn and apply legal reporting requirements, current practices, communication and collaboration tools and methods, and ethical considerations related to the various ways that organizations of all types interact with key constituencies. Prerequisites: STCM 21100 or STCM 23200 or any 200-level course in FINA, SMGT, MGMT, or ACCT. (E,Y)

3 Credits

STCM 31200 Information Design (NLA)

Information design is the skill and practice of preparing information for use by the target audience. Topics include examining information graphics, data visualization, wayward signage, and information architecture. Emphasis is on translating data into visual representations in order to improve communication. Prerequisites: STCM 22000. (S,E)

3 Credits

STCM 32000 Leadership Communication (LA)

Examines the theories and practices of participatory leadership in organizational settings. Specific attention is given to communication skills, media applications, and problem-solving and decision-making formats. Prerequisites: Three courses in communications; junior standing. (F)

Attributes: SS

3 Credits

STCM 33000 Advertising Copywriting and Art Direction (NLA)

Focuses on building a strategy to meet marketing communication goals with effective advertising across a variety of media. Students will learn, think, and communicate through both copy and visuals as they gain experience in conceptualizing, designing, and writing messages for media. Students will learn how to create and present such messages, as well as how to analyze and evaluate their persuasiveness. Prerequisites: STCM 24100, STCM 11100. (F,S)

Attributes: CCCS

3 Credits

STCM 33200 Writing for Public Relations (LA)

Fundamentals of writing for public relations. Emphasis is placed on format requirements of materials submitted to the media; writing for a client; persuasion in writing; and clarity, flow, and other elements of proper public relations writing style. Provides applications using news release, feature, article, editorial, and financial report formats. Prerequisites: STCM 23200; WRTG 10600 or ICSM 10800 or ICSM 11800. (F,S)

Attributes: CCCS, WI

3 Credits

STCM 33300 Applied Event Management (NLA)

The application of communication and project management principles to complex organizational events such as training seminars, product launches, fund-raising events, and conferences, providing students an opportunity to work on and critique the planning and execution of an actual event. Each student is assigned an event and conducts structured observations of meetings and activities of the event team, reflecting on current issues and trends from readings and lectures. The student is also assigned specific duties in the planning, execution, and/or evaluation stages of the event, and produces a professional portfolio and project notebook that documents and reflects on the competencies they developed. Prerequisites: STCM 23000. (S)

3 Credits

STCM 36500 Communication in International Organizations (LA)

This course explores the relationship between organizational communication and culture in the context of international organizations. In particular, it focuses on communication process and structure, emphasizing the creation and interpretation of messages aimed at persuasion and influence, as well as learning, training, and performance. Prerequisites: Three courses in communications; junior standing. (IRR)

Attributes: SS

3 Credits

STCM 36600 Global, Intercultural, and Multicultural Public Relations (NLA)

This course focuses on international, intercultural, and multicultural perspectives of public relations facing public relations firms and in-house communication departments today. It will provide students with an understanding of real-world public relations techniques, as well as viewpoints from scholars, vital to developing effective and ethical communication campaigns targeted to international publics and multicultural publics in the U.S. It also examines the impact of worldwide technological innovations, as well as social, economic, and political changes. Prerequisites: STCM 23200; junior standing. (S)

Attributes: DV

3 Credits

STCM 38000 eLearning (NLA)

The theory and practice of designing online learning. Concepts of interactivity, feedback, perception, and learning are studied. Students integrate knowledge of instructional design with development skills in designing, developing, and evaluating an online learning project. Prerequisites: STCM 21000. (S,O)

3 Credits

STCM 39000-39010 Selected Topics in Strategic Communication (LA)

Exploration and analysis of a specific area of communication. Topics vary based on student demand and on faculty expertise and research interest. Course content and pedagogical methods meet the College guidelines for liberal arts designation. May be repeated once. Not a production course. Total number of credits in any combination of STCM 39000, STCM 39010, 22x-41200, and 22x-41210 may not exceed 6. Prerequisites: Junior standing; others vary depending on the topic. Refer to Undergraduate Course Offerings each semester. (IRR)
3 Credits

STCM 40400 Communication Design Lab (NLA)

An advanced course dedicated to the design of a fully functional media-based solution for a client or targeted crowdfunding campaign. Students will navigate the entire design process; including ideation, planning, design creation and testing, implementation, and evaluation. This project may touch on aspects of visual, web, social media, interactive media, information, instructional, and game design. Senior standing or permission of instructor. Prerequisites: STCM 20600 and STCM 22000. (F)
3 Credits

STCM 41200 Workshop in Strategic Communication (NLA)

Individual assignments designed to provide advanced applied experiences based on students' program and career goals. Specific projects may involve production or communication analysis and design; projects are determined jointly by the student and a faculty adviser and must have departmental approval. Students may take a second semester of this course with approval of the instructor. Total for STCM 41200 and STCM 49900 may not exceed Prerequisites: Junior standing. (F,S)
1-6 Credits

STCM 42000 Integrated Marketing Communications Lab (LA)

A capstone course that applies key components of integrated marketing communications including advertising, public relations, brand positioning, and sales promotion. Students complete a client project that requires research and development of integrated strategies to achieve specific marketing objectives. Students will also analyze relevant cases and apply principles and best practices to their client engagement. Prerequisites: TVR 12100; STCM 23200; STCM 24100; MKTG 31200; integrated marketing communications major or minor. (S)
3 Credits

STCM 43000 Brand Design and Communication (NLA)

An advanced course that focuses on the communication process of redesigning a corporate brand for an existing corporation or organization. After defining a company's essence, character, and purpose, students design and execute a corporate image across various forms of internal and external communications. Requires conceptual thinking and creative execution, and culminates in a comprehensive branding campaign for a specific company suitable for inclusion in a creative portfolio. Students need to have prior hands-on experience using graphic design software to create visual images. Prerequisites: Integrated marketing communications major or minor; junior standing; STCM 33000. (F)
3 Credits

STCM 43400 Communication Management Lab (NLA)

Capstone course examining management principles and practices for communication and workplace learning professionals. Topics include developing department operations budgets, strategic planning and organizational alignment, identifying client needs, requests for proposals, senior management relations, communicating value, developing policies and procedures, assessing employee performance, project management, and change management practices. Students carry out a project for a client to investigate a communications/learning problem and design an intervention. Enrollment limited to CMD and IMC majors and minors. Prerequisites: Senior standing. (S)
3 Credits

STCM 44000 Public Relations Lab (NLA)

An advanced workshop dedicated to the planning of an actual public relations case study, including analysis of the publics involved and the media options for the practitioner; planning, budgeting, and scheduling; and development of problem-solving messages, actions, and/or events. For advanced students in business or communications or for those planning a career in public relations. Prerequisites STCM 23200; STCM 33200, STCM 33000, WRTG 31100, or STCM 34000. (FY)
Attributes: SL
3 Credits

STCM 44100 Ad Lab (NLA)

The essentials of advertising campaign planning, including media strategy, positioning, and ad design, culminating in a comprehensive plan for a specific product. For advanced students in marketing or communications or for those planning a career in advertising. Prerequisites: STCM 24100; STCM 28800; STCM 30900; STCM 33000; acceptance of portfolio. (S)
Attributes: UND
3 Credits

STCM 45000 Critical Issues (LA)

Explores new and emerging issues that impact organizations and society, and how professionals in communication and learning can contribute to understanding and resolving them. Students conduct design inquiries into an issue of their choice. They engage in research to understand the multiple dimensions and perspectives of the issue, and in designing to propose potential resolutions. Enrollment limited to Communication Management and Design, Integrated Marketing Communications, and Culture and Communication majors and minors. Prerequisites: Senior standing, STCM 12300; STCM 28800 or, for Culture & Communication majors, with instructor approval. (F)
3 Credits

STCM 49000 Internship (NLA)

Jointly supervised work experience with a cooperating institution or organization in the field of communications, intended to motivate the intern toward professional growth through observation and participation, to provide an opportunity to meet active professionals, and to stimulate career planning. Skills and academic knowledge will be put into practice. May be repeated. Total may not exceed including London and Los Angeles internships. Enrollment limited to strategic communication majors or minors. Prerequisites: Completion of the Park School internship procedures. (F,S,U,W)
1-12 Credits

STCM 49300 Internship: Live Event Design and Management (NLA)

Jointly supervised work experience with a cooperating institution or organization in the field of live events, intended to motivate the intern toward professional growth through observation and participation, to provide an opportunity to meet active professionals, and to stimulate career planning. Skills and academic knowledge will be put into practice. May be repeated. Total may not exceed Enrollment limited to students enrolled in the Live Event Design and Management minor. Prerequisites: STCM 23000; completion of the Park School internship procedures. (F,S,U,W)

1-12 Credits

STCM 49800 London Communications Internship (NLA)

A limited number of internships with cooperating institutions or organizations are available to communications majors. The jointly supervised work experience offers the opportunity to learn through observation and participation in a professional setting. Prerequisites: Junior or senior standing; completion of Park School internship procedures; approval of the dean in the semester preceding the London registration. Pass/fail only. (F,S)

Attributes: UND

3-6 Credits

STCM 49900 Independent Study (LA)

Intensive study under the supervision of a faculty adviser. Possible topics include instructional design and evaluation, organizational communication analysis and evaluation, and the adoption and evaluation of new technologies such as multimedia or teleconferencing. Comprehensive research paper (not a project) is required. May be repeated for a total of no more than six credits; total of CMD 49900 and CMD 41200 may not exceed six credits. Enrollment limited to strategic communication majors. Prerequisites: Junior standing. (F,S)

1-6 Credits

Television Radio (TVR)

TVR 10100 Introduction to Media Production (NLA)

An applied, practical introduction to the fundamentals of audio and video electronic media production. Covers theory, terminology, and techniques, with an emphasis placed on the function and operation of various analog and digital equipment. The basic technical and aesthetic skills of both radio production and television studio production are covered. Open to sport media majors in the spring semester. (IRR)

Attributes: CCCS

4 Credits

TVR 10500 Introduction to Audio (NLA)

An applied practical introduction to the fundamentals of audio. Covers theory, terminology, and technique, with emphasis on the function and operation of various analog and digital used for audio acquisition, mixing and output. The basic technical and aesthetic audio skills for radio, television, cinema, and new media production and post-production are covered. Prerequisites: Majors in television-radio; emerging media, - media design and production concentration or minors in audio production. (F-S)

Attributes: CCCS

3 Credits

TVR 10700 Introduction to Television Studio Production (NLA)

Introductory course that explores the techniques and purpose of various television studio productions through direct hands-on experience.

Offers students the opportunity to engage in the many facets of television studio production through a variety of projects and exercises.

Prerequisites: Television-radio majors only. (F-S)

Attributes: CCCS

4 Credits

TVR 11500 Introduction to Field Production (NLA)

Introduction to electronic field production techniques, including portable field camera operation, video editing, lighting, scripting, media aesthetics, and logistics. Students will develop both their creative and technical skills through a combination of production exercises, projects, readings, and critiques. (F-S)

Attributes: CCCS

4 Credits

TVR 12100 Introduction to Mass Media (LA)

Survey of American mass media with emphasis placed on the historical development, structure, organization, function, and effects of mass media in society. Discussion includes issues such as ethnic, racial, age, and sex-role stereotyping; violence; children and the media; and economic control and the role of governmental regulation. (IRR)

Attributes: SCE, SS

3 Credits

TVR 12200 Introduction to Media Aesthetics and Analysis (LA)

Teaches techniques and criteria for analysis of media productions.

Examines the basic production techniques used to communicate with visual images and sound. Topics such as light, composition, motion, sound, editing, and time may be covered. Aesthetics in the production, consumption, and critique of media are surveyed. (F-S)

Attributes: UND

3 Credits

TVR 12300 Introduction to Law and the Media (LA)

An introduction to law, lawyers, juries, and the legal system as portrayed in dramatic, news, and documentary television programming as well as in popular films. This course will study how the media and the legal system influence each other. Ethical issues concerning how the media portrays the legal system to the audience will be analyzed. Concepts including double jeopardy, jury tampering, hung juries, new trials, judicial misconduct, appeals processes, and judicial corruption will be discussed as they relate to the various contemporary television programming and films to be viewed in class. When possible, local judges or lawyers will appear on a discussion panel. (S)

3 Credits

TVR 12400 Introduction to Media Industries (LA)

Introduction to digital and electronic media industries, both traditional and emerging. Focus on ethical, legal technological, economic, and creative shifts resulting from new media platforms and cross-platform distribution. Discussion, research, writing, and group collaborative work focused on emerging challenges and opportunities in the new media environment. (F,S)

Attributes: SCE

4 Credits

TVR 13100 Media Writing (LA)

Exposure to a diverse selection of writing styles and formats used in the mass media. It will introduce critical, analytical, and applicable writing skills in areas such as audio, visual, and interactive media. (F-S)

Attributes: CCCS, MC

3 Credits

TVR 20600 British Media and the Global Context (LA)

Studies key aspects of British media in historical and cultural contexts. Students will research specific case studies of British media's global spread, influence, and links with global economy and culture. This course is offered only through the Ithaca College London Center. Prerequisites: Sophomore standing; acceptance into the Ithaca College London program. (Y)

3 Credits

TVR 21100 New Media Business and Economics (LA)

Investigates the range of business and economic models applicable to new and emerging media industries. Critiques business models that drive traditional media industries and reviews the economic and social viability of alternative business models for emerging media. Emerging media and television-radio majors. Prerequisites: TVR 12400. (Y)

Attributes: SS

4 Credits

TVR 21400 Design of New Media: Theory, Function and Analysis (LA)

Fundamental principles of design, function, and usability of new media technology, including games, mobile applications, web-based media, and other digital media platforms. Assessment of examples of new media designs for strengths, limitations, and usability; exploration of rules, techniques, and problem-solving strategies that go into the creation of new media applications and platforms. Open to majors in emerging media and television-radio. Prerequisites: TVR 12400. (Y)

4 Credits

TVR 21500 Fiction Field Production 1 (NLA)

Previously learned skills will be amplified, enhanced, and refined through a combination of in-class exercises and outside projects with equal attention to form and content. Emphasis will be placed on the development of ideas, storytelling, and greater sophistication in all areas of electronic field production. Prerequisites: TVR 11500 or CNPH 11100. (F-S)

4 Credits

TVR 22000 Global Flow of Information (LA)

A critical review and analysis of theories, policies, and issues in international and intercultural communication, as well as the flow of information among nations of the world through traditional and contemporary communication channels. Includes interpersonal communications, the mass media, satellite communications, diplomacy and international conventions. Readings and discussions of research studies demonstrate the interconnections of communication and international relations. Emphasis is placed on the impact of the flow of information on political, economic, cultural, legal, and social aspects of various countries and regions. Prerequisites: One course in the social sciences. (F)

Attributes: SCE, WGS, WGSJ

3 Credits

TVR 22500 Television Production and Direction (NLA)

This intermediate studio television production course builds upon basic production techniques. Video aesthetic theories will be applied in creative studio productions. Prerequisites: TVR 10700 and TVR 11500. (F-S)

4 Credits

TVR 23500 Editing (NLA)

You will be editing a variety of video materials in differing genres with the goal of gaining better fluency with fundamental aspects of story design, organizational strategies, software techniques, and workflow processes related to the genre in question. This course will be taught with Adobe Premiere Pro editing software and will include effective workflow processes between it and other software, including After Effects, Audition, ProTools and DaVinci Resolve. Prerequisites: TVR 11500 or CNPH 11100. (F,S)

4 Credits

TVR 25100 Critical Thinking and Mass Communication (LA)

An applied introduction to critical thinking skills, relevant to many disciplines. Presents practical techniques for evaluating information and identifying propaganda. Useful to journalists and media professionals, and also for media consumers who rely on print, broadcast, and online sources for information. Students who take CLTC 11000 are not permitted to take this course. Prerequisites: Sophomore standing. (F-S)

3 Credits

TVR 26000 Quantitative Mass Media Research Methods (LA)

A basic introduction to quantitative research methods in mass communications, including sampling, survey, experimental, and content analysis. Review of literature, identification of basic concepts, problems, responsibilities, and research ethics; procedures and basic techniques of computer data analysis. A research project is required. Prerequisites: TVR 12100 or TVR 12400. (IRR)

3 Credits

TVR 26200 Qualitative Mass Media Research Methods (LA)

A basic introduction to theories and research skills used in qualitative research as applied to mass communication. Major topics include cultural studies theories, ethnography, historical research, depth interviews, qualitative content analysis, and focus groups. Review of literature, identification of basic concepts, problems, and responsibilities. A research project is required. Prerequisites: TVR 12100 or TVR 12400. (IRR)

Attributes: CCRM

3 Credits

TVR 26300 Mass Media Research Methods (LA)

A basic introduction to quantitative and qualitative research in mass communications, including sampling, survey, experiment, systematic content analysis, in-depth interviews, focus groups, and qualitative content analysis. Review of literature, identification of basic concepts, problems, responsibilities, and research ethics; procedures and basic techniques of computer data analysis; hypothesis testing and statistical interpretation and analysis. A research project is required. Prerequisites: TVR 12100 or TVR 12400. (F,S)

Attributes: QL

4 Credits

TVR 27100 Audio Production (NLA)

Examines the theory and practice of audio production and highlights the unique properties of the medium. The concept of sound design is examined as applied to programming intended for persuasion, information, and entertainment. In addition to providing hands-on experience through production exercises and projects, the course places considerable emphasis on aesthetic analysis of audio products through a series of "critical listening" exercises. Prerequisites: TVR 10100 or TVR 10500 (or MUMC 14500 for students in sound recording technology major only). (F-S)

4 Credits

TVR 29200-29309 Minicourses in Communications (NLA)

A series of short courses in specialized areas of communication that do not meet the College guidelines for liberal arts designation. Visiting lecturers and faculty of the school participate in areas of their expertise. May not receive credit for both GCOM 29219 and TVR 29201. Prerequisites: Vary depending on the topic; refer to the class schedule on HomerConnect each semester. Pass/fail. (IRR)

1-2 Credits

TVR 29800 Exploring the Documentary (LA)

An exploration of the documentary with an emphasis on history and appreciation, useful to consumers and producers who would like to learn more about the form. Topics include documentary "truth," subgenres, production styles, and evolution of documentary from cinema to television and the World Wide Web. Prerequisites: CNPH 10100 or TVR 12200. (F,S)

3 Credits

TVR 29900 Nonfiction Production (NLA)

An intermediate-level documentary production course that emphasizes the production skills, the storytelling concepts, and the legal and ethical framework for successful documentary productions. Also covered are different stylistic approaches to the genre, concepts related to the documentary maker's "voice" within his or her work, subgenres within the documentary format, and distribution, fund-raising, and research strategies. Prerequisites: TVR 11500 or CNPH 11100. (Y)

4 Credits

TVR 30400 Advanced Studio Production (NLA)

An advanced studio television course expanding on established production skills acquired in previous courses while introducing additional concepts and techniques required for complex multicamera productions. Through producing, writing, and directing a variety of programs, students will apply production theories and concepts within a digital production environment. Prerequisites: TVR 11500; TVR 22500. (F-S)

4 Credits

TVR 30900 Motion Graphics and Animation (NLA)

This course will introduce motion graphics and animation techniques using traditional and computer forms. Theoretical and conceptual approaches to motion graphics design and techniques will be explored using international examples. Students will complete several animation projects with increasing complexity during the semester. Prerequisites: TVR 11500 or CNPH 11100; television-radio or emerging media major or cinema and photography or film, photography and visual arts; sophomore standing. (Y)

4 Credits

TVR 31000 Experimental Media: Production and Criticism (NLA)

Examines the history and theory of experimental video, electronic, and digital media as a cross-disciplinary visual and aural art form that emerged from several art disciplines and the associated developing technologies. An active hands-on exploration of the wide variety of aesthetic strategies used in the conceptualization, creation, presentation, and exhibition of electronic media. By designing individual and collaborative projects, students gain a broader awareness of the field and the technical and creative innovations that have shaped the contemporary art culture and the media arts industries. Prerequisites: TVR 11500 or CNPH 11100; television-radio, emerging media, cinema and photography, or film, photography, and visual arts major; sophomore standing. (Y)

Attributes: UND

4 Credits

TVR 31200 Government and Media (LA)

Provides an understanding of the policy-making process used to formulate various regulations that govern the media. The role of relevant policy-making bodies, such as Congress, the courts, Federal Communications Commission, and lobby groups, are discussed. Specific regulation concerning the First Amendment, obscenity, libel, privacy, copyright, commercial speech, access to information, antitrust, etc., are also examined. A major research paper on a relevant media regulation topic is required. Prerequisites: TVR 12100, TVR 12400, JOUR 11100, or STCM 10300; television-radio, journalism, documentary studies and production, integrated marketing communications, or emerging media major; junior standing. (F-S)

Attributes: LMAL, LMEL, LSCO

3 Credits

TVR 31300-31305 Topics in Media Law and Policy (LA)

Overview of First Amendment theory, legal precedent, copyright, libel, and privacy, followed by an in-depth investigation of specific media law and policy issues determined by faculty expertise and student interest. Prerequisites: TVR 12100, TVR 12400, JOUR 11100, or STCM 10300.

Television-radio, documentary studies and production, integrated marketing communications, journalism or emerging media majors; junior standing. (IRR)

Attributes: LMAL, LMEL, LSCO

4 Credits

TVR 31500 Fiction Field Production 2 (NLA)

This course has two primary agendas, one aesthetic and one technical. The aesthetic focus is on creative authorship, personal vision, and the exploration of strategies and methods for transforming vision into reality. The technical focus is on increasing sophistication and skill within specific areas of field production: sound recording, camera work, lighting, production planning, and computer-based nonlinear editing systems.

Prerequisites: TVR 21500 or CNPH 22400, and TVR 10500. (Y)

4 Credits

TVR 32000 Topics in Media Technology (LA)

Analysis of theoretical, social, economic, political, technological, and cultural perspectives that impact and are impacted by new and emerging media technologies. Theoretical framework or technological focus defined by faculty expertise and student interest. Prerequisites: WRTG 10600 or ICSM 108xx or ICSM 118xx; TVR 12100 or TVR 12400; junior standing; television-radio or emerging media majors. (Y)

Attributes: DV, WI

4 Credits

TVR 32200 New Telecommunications Technologies (LA)

Examines the development of new technologies and communication networks. The structure of the marketplace, government policy, and the social impacts of new technologies are discussed. Issues such as globalization, computer security, privacy, and changes in regulations may be covered. Prerequisites: TVR 12100 or TVR 12400; two level-2 courses in one or more of the following fields: television-radio, psychology, sociology; junior standing. (F-S)

3 Credits

TVR 32400 European Mass Media (LA)

A comparative study of Western and Eastern European mass media, with emphasis placed on their historical development, structure, organization, function, and effects in society. Issues discussed include privatization, satellite broadcasting, East-West media relations, and contemporary political use of the mass media. Prerequisites: Three courses in social sciences; junior standing. (F)

Attributes: SS

3 Credits

TVR 32500 Seminar in Development Communications (LA)

A forum for discussion and analysis of various issues involved in the use of mass media in the development effort of third world countries. Examples in a number of African and Asian nations are used to illustrate the use of media support in the development process, successfully or otherwise. External and internal forces that affect media implementation are analyzed. The issue of a communications workforce, its lack in third world countries, and its impact on the present state of affairs are discussed. Prerequisites: Three courses in social sciences; junior standing. (IRR)
Attributes: UND
3 Credits

TVR 32700 Program Development for Entertainment Media (NLA)

Exploration and application of the creative process for developing program content for entertainment media industry. Students will work with true events or novels for features, television movies, series and Internet distribution. Analysis of creative properties and case studies will exemplify the most effective means for producers, writers, directors, and programmers to develop concepts for the theatrical and television marketplace. Prerequisites: restricted to majors in television-radio; cinema & photography; film, photography, and visual arts; writing for film, television, and emerging media; Junior standing. (Y)
4 Credits

TVR 33100 Production Management for Film, Television and New Media (NLA)

Will provide a working knowledge of the role of the executive and line producer in pre-production through post-production on a film, television or new media project. Topics that will be covered include: production planning, budgeting, scheduling, business considerations and post-production management. Prerequisites: TVR 32700 or permission of instructor. (IRR)
3 Credits

TVR 33500 Electronic Media Criticism (LA)

Critical exploration of the complex role television programming plays in the cultural representation and construction of marginalized social groups and the medium's treatment of issues related to gender, race, class, and sexuality. The course analyzes from a historical, industrial, economic, and social perspective how classical and contemporary television shows both perpetuate and challenge negative stereotyping and false social myths related to sexism, racism, transphobia, and homophobia. Prerequisites: TVR 12100 or TVR 12400; CNPH 10100; WRTG 10600 or ICSM 10800/11800. (F,S)
Attributes: DV, SCE, WGS, WGS3, WI
3 Credits

TVR 35200 British Media and Society (LA)

A study of the role and function of media in modern societies, the effects and impact of the mass media, and the media as agents of democracy. An analysis of the relationship of British media to British society in the postwar period through examination of a wide range of material – news, current affairs, documentary, drama, situation comedy. Prerequisites: Junior standing or above. (F)
Attributes: SS
3 Credits

TVR 37100 Advanced Audio Production (NLA)

The study and application of the creative capabilities of advanced audio equipment. Students learn the theory and techniques of sophisticated audio production, including analog and digital multi-track recording, mixing, signal processing, live remote recording, digital editing, creative sound production, and sound design for other media. Prerequisites: TVR 27100. (F)
4 Credits

TVR 38500 Emerging Media Project (NLA)

Hands-on introduction to project design, development, implementation, and testing, with emphasis on the knowledge and skills required to successfully complete the production cycle, including team dynamics, market analysis, project management, documentation, and testing. Students work in teams on projects assigned by the instructor. Cross-listed with COMP 38500; students cannot receive credit for both COMP 38500 and TVR 38500. Open only to Emerging Media majors. Prerequisites: COMP 20200; Junior Standing. (S, Y)
4 Credits

TVR 40000-40004 Topics in Media Production (NLA)

Exploration of a specific area of advanced media production through focused study and application. Topics will vary. Offerings may include, but not be limited to advanced remote multi-camera production; broadcast performance, advanced techniques in directing and producing; advanced studio and location lighting; advanced animation; 3-D modeling and special effects. Prerequisites: Junior standing, television-radio, cinema and photography, film, photography and visual arts, or emerging media major; permission of instructor. (Y)
1-4 Credits

TVR 41200 Selected Topics (LA)

Exploration and analysis of a specific area of communication. Topics vary based both on student demand and on faculty expertise and research interest. Course content and pedagogical methods meet the College guidelines for liberal arts designation. May be repeated once. Not a production course. Total number of credits in any combination of TVR 41200, TVR 41210, GCOM 41200, GCOM 41210, OCLD 39000, and OCLD 39010 may not exceed 6. Prerequisites: Junior standing; others vary depending on the topic. Refer to Undergraduate Course Offerings each semester. (IRR)
Attributes: UND
3 Credits

TVR 43100 Advanced Writing for Television and Radio (NLA)

Practice and guidance for advanced students in writing television scripts, with special attention in conference to individual writing problems. Prerequisites are either option A: TVR 13400, TVR 33300, WRTG 10600, or WRTG 10700; or option B: CNPH 10100, CNPH 23300, CNPH 33300. (S)
3 Credits

TVR 46000 Senior Seminar (LA)

Informed by social, cultural, critical, economic, and/or legal theories, these seminars offer in-depth explorations and analyses of the complex relationship among the mass media, individuals, social institutions, industries, and/or culture. Topics vary based on faculty expertise and research interest. Prerequisites: Senior television-radio major, culture and communication major, or emerging media majors; and TVR 31200. (F-S)
Attributes: UND
3 Credits

TVR 46200 Seminar in Geomedia (LA)

This advanced seminar is concerned with the analysis of conglomeration and globalization processes as they affect print and broadcast media today. While the main focus is on international news and information, some attention is also given to other media industries. The course also examines citizens' and nongovernmental organizations' responses to globalization locally, nationally, and internationally. The course covers readings and analytical frameworks in several disciplines, including traditional market economics, Marxist analysis, feminist analysis, postcolonial analysis, and world system theory. Students take major responsibility for leading discussions and have an opportunity to research an issue of personal interest within the context of the seminar. Prerequisites: Three courses in social sciences. (S)

Attributes: WGSC

3 Credits

TVR 47100 Audio Workshop (NLA)

The course refines the student's abilities related to audio theory, professional digital audio equipment, critical listening, and the aesthetic analysis of audio products. Students record and edit an extensive audio project outside class. Students may take a second semester of this course with permission of instructor. Total may not exceed Prerequisites: TVR 37100. (S)

4 Credits

TVR 48500 Emerging Media Capstone (NLA)

Working as part of a team, the student designs, develops, and documents a significant emerging digital media project under the guidance of one or more faculty members. Cross-listed with COMP 48500; students cannot receive credit for both COMP 48500 and TVR 48500. Prerequisites: COMP 38500 or TVR 38500 with a minimum grade of C-. (S, Y)

4 Credits

TVR 49000-49001 Internship (NLA)

Jointly supervised work experience with a cooperating institution or corporation in the field of communications, intended to motivate the student toward professional growth through observation and participation, to provide opportunities to meet active professionals, and to stimulate career planning. Skill and academic knowledge are put into practice. May be repeated. Total credits may not exceed 12, including London and Los Angeles internships. Pass/fail only. Prerequisites: Junior television-radio, journalism, or media studies major or minor; completion of Park School internship procedures. (FS)

Attributes: UND

1-8 Credits

TVR 49100 Senior Media Thesis (NLA)

Advanced work and special projects in writing, producing, and directing on an individual or small-group basis. Programs may be developed for broadcast on ICTV or produced for the professional production unit. Prerequisites: television-radio, documentary studies and production, cinema and photography, or film, photography and visual arts major; senior standing; or permission of instructor. (Y)

4 Credits

TVR 49600 Documentary Workshop (NLA)

A challenging workshop and lecture course in which students carry out research, planning, production, and postproduction for a video documentary and formal program proposal. Major topics include documentary genres and techniques, criteria for selecting subject matter, primary and secondary sources of information. Only open to School of Communications majors. Prerequisites: TVR 29900 or TVR 21500 or CNPH 22400 or JOUR 21200; senior standing; or permission of instructor. (Y)

4 Credits

TVR 49700 Independent Project (NLA)

An independent project under the supervision of a faculty adviser, with the approval of the department chair. Possible projects include video/audio projects, script projects, and projects in journalism, advertising, or public relations. The outcome should be a completed work suitable for inclusion in a professional portfolio. May be repeated, but the total credits earned from all independent projects may not exceed 6. Prerequisites: Television-radio or integrated marketing communications major; junior or senior standing; permission of the department. (F-S)

3 Credits

TVR 49800 London Communications Internship (NLA)

A limited number of internships with cooperating institutions or organizations are available to communications majors. The jointly supervised work experience offers the opportunity to learn through observation and participation in a professional setting. Prerequisites: Junior or senior standing; completion of Park School internship procedures; approval of the dean in the semester preceding the London registration. Pass/fail only. (F-S) See "London Center."

3-6 Credits

TVR 49900 Independent Study (LA)

Intensive study under the supervision of a faculty adviser and the approval of the department chair. Possible topics include quantitative or qualitative research in an area relating to media production, consumption, regulation, or criticism. Comprehensive research paper (not project) is required. May be repeated, but the total credits earned from all independent study taken may not exceed 6. Prerequisites: Television-radio or integrated marketing communications major; junior standing; permission of department. (F-S)

1-6 Credits

Theatre Arts (THEA)

THEA 10000 Introduction to the Theatre (LA)

Survey of theatre practices and principles in the various aspects of theatrical production. Examination of how plays are constructed, using examples from different eras of the world theatre. Occasional guest speakers. Required attendance at selected productions. (F-S,Y)

Attributes: 3B, FA

3 Credits

THEA 10100 Introduction to Technical Theatre (NLA)

Introduction to all aspects of physical production including: scenery, costumes, lighting, sound, properties, paint, and stage management. Corequisites: THEA 10200. (S,Y)

2 Credits

THEA 10200-10205 Technical Theatre Practicum (NLA)

Introductory participation in technical production activities for the department. May be repeated for a total of eight credits. (F-S,Y)

1 Credit

THEA 10300 Costume Construction for Non-Majors (NLA)

Introduction to the tools, supplies, and techniques of costume construction with an emphasis placed on developing basic skills. Not open to majors in Theatre Production and Design. (IRR)

3 Credits

THEA 10400 Introduction to Theatrical Design (LA)

Introduction to the theories and methodologies of theatrical design, including the areas of scenic, costume, lighting, and sound design. Focuses on the analysis, interpretation, visualization and auralization of dramatic work. (F-S,Y)
 Attributes: 3B, FA
 3 Credits

THEA 10900 Introduction to Musical Theatre Performance (NLA)

Introduction, exploration, and integration of basic musical and theatre performance skills, through the selection, analysis, rehearsal, and presentation of scenes from musicals. Not open to B.F.A. musical theatre majors; admission by audition. Prerequisite: permission of instructor. (S,Y)
 3 Credits

THEA 11000 Theatre Production I (NLA)

Introductory participation in technical and design production activities. Prepares students for crew, supervision. May be repeated once. Prerequisites: B.F.A. theatre production & design majors only. (F,S,Y)
 1 Credit

THEA 11100 Theatrical Drafting and Model Building (NLA)

Introductory studio course in theatrical drafting and scale model construction. Emphasis on use of drafting tools, interpretation and execution of ground plans, sections and elevations, model materials and scale construction tools. Prerequisites: B.F.A. theatre production & design majors only. (S,Y)
 3 Credits

THEA 11200 Production and Scenic Technology (NLA)

Introduction to and practical experience in general theatre technology and scenery construction, including: theatre geography and machinery, tools, shop and safety procedures. Prerequisites: B.F.A. theatre production & design majors only. (F,Y)
 3 Credits

THEA 11300 Costume Technology (NLA)

Introduction to practical experience in general costume technology and construction including sewing, patterning, and fabrics. Prepares students for costume project management. Prerequisites: B.F.A. theatre production & design majors only. (F,Y)
 3 Credits

THEA 11400 Lighting and Sound Technology (NLA)

Introduction to and practical experience in theatre lighting and sound technologies, including: basic electrical principles, installation and use of theatre equipment, and the responsibilities and duties of a theatrical master electrician and sound engineer. Prerequisites: B.F.A. theatre production & design majors only. (S,Y)
 3 Credits

THEA 11600 Theatrical Properties and Scenic Art (NLA)

Introduction to and practical experience in theatre properties and scenic painting, including: production, materials and techniques. Prerequisites: B.F.A. theatre production & design majors only. (S,Y)
 3 Credits

THEA 12000 Theatrical Design Foundations (LA)

An in-depth foundational introduction to the art of theatrical design, focusing on the theories, methodologies and techniques used by professional scenic, costume, lighting and sound designers. Focus on the analysis, interpretation, visualization and auralization of dramatic work, as well as on the approaches necessary to communicate the designer's analysis and interpretation of dramatic works. Prerequisites: B.F.A. theatre production & design majors only. (F,Y)
 Attributes: FA
 3 Credits

THEA 13000 Script Analysis for the Theatre (LA)

Close examination of the play script/libretto as the basic element in theatre. Study of the script/libretto as the diagram for theatrical production. Texts drawn from classics and contemporary theatre; assignments include oral discussion, and written analyses of scripts/librettos. Prerequisites: Theatre arts major. (F,Y)
 Attributes: 3A, 3B, FA, G, H
 3 Credits

THEA 13100 Acting I (LA)

Introduction to the art of acting, with an emphasis placed on acting technique and study of scenes and/or monologues. (F,S,Y)
 Attributes: 3B, CA, FA, TIDE, TMBS
 3 Credits

THEA 13200 Acting II (LA)

Continued exploration of acting technique and study of scenes and/or monologues. Prerequisites: THEA 13100. (F-S,Y)
 Attributes: 3B, FA
 3 Credits

THEA 13300 Scene Study I (LA)

Study of fundamental theories, vocabularies, and methodologies of acting techniques. Class discussion, readings, analysis of dramatic texts and active learning assignments prepare the student for the rehearsal and performance of scenes. Prerequisites: B.F.A. acting and musical theatre majors only. Corequisite: THEA 13500. (F,Y)
 Attributes: FA
 2 Credits

THEA 13400 Scene Study II (LA)

Continuation of THEA 13300. Further study of fundamental theories, vocabularies, and methodologies of acting techniques to prepare for rehearsal and performance of scenes. Emphasis placed on more complex analysis of scenes and characters. Prerequisites: B.F.A. acting or musical theatre majors only; THEA 13300. Corequisites: THEA 13600. (S,Y)
 Attributes: FA
 3 Credits

THEA 13500 Voice and Movement for the Stage I (NLA)

Laboratory in concentration and self-awareness through physical awareness, control, and flexibility – the dynamics necessary for the creation of a strong voice and stage presence. Prerequisites: B.F.A. acting or musical theatre major. Corequisite: THEA 13300. (F,Y)
 2 Credits

THEA 13600 Voice and Movement for the Stage II (NLA)

Continuation of laboratory in concentration and self-awareness for the creation of a strong voice and stage presence. Prerequisite: B.F.A. acting or musical theatre major and THEA 13500. Corequisite: THEA 13400. (S,Y)
 2 Credits

THEA 13700 Stage Combat (NLA)

Training in hand-to-hand stage combat techniques and choreography. Offered only in the London Center. Prerequisites: Theatre Arts major. (F-S, Y)

1 Credit

THEA 13900-13915 Rehearsal and Performance (NLA)

Laboratory participation in rehearsal and performance of a major departmental production. Students receive credit for assignments in acting or musical performance. Music students must enroll in MUMC 14000. Evaluated by the faculty member in charge of the designated areas of specialization. Evaluation is based on degree of professional attitude and quality of performance. May be repeated for a total of eight credits. Prerequisites: Appropriate academic and performance courses relative to the student's activity and/or successful audition for assignment to the major production. (F-S, Y)

0-2 Credits

THEA 15000 Theatre Management Practicum (NLA)

Laboratory participation in management activities for the department. Evaluation by the faculty member in charge is based on the degree of professional attitude, activity, and performance. May be repeated for a maximum of nine credits. Prerequisites: Permission of instructor. (F-S,Y)

1-3 Credits

THEA 15100 Theatre Studies Foundations (LA)

This course is the foundation to the academic and professional field of Theatre Studies. Students consider scripts and performances from a variety of dramaturgical and cultural perspectives and through different lenses. Course content explores major components, historical moments and conventions of theatre; current professional options for Theatre Studies majors; race and gender theory and their influence on theatre. The course culminates in a student-created performance. (F,Y)

3 Credits

THEA 16000 Stage Management Practicum 1 (NLA)

Introductory observation of stage management for department productions. Prepares students for supporting roles in stage management. May be taken twice for one credit. (F,S,Y)

1 Credit

THEA 16100 Stage Management Foundations (NLA)

An in-depth foundational introduction to the art and practice of stage management, focusing on the organizational and communication procedures applied in collaborative theatre production and the methodologies and techniques used by professional stage managers. (F,Y)

1.5 Credits

THEA 19100 Theatre for Social Change (LA)

Explores the research and practice of socially engaged performance, focusing on the ways in which theatre can function to call attention to invisible power structures and encourage the dismantling of oppressive practices. Reviews diverse philosophies and practices of applied theatre and performance, and examines how these practices are applied in clinical, educational, and community settings. Includes opportunities for self-reflection, examination of current issues affecting communities both locally and globally, and consideration of theatre as part of the call to action work supporting societal change. (F,S,Y)

Attributes: CA, TIDE

3 Credits

THEA 19800 The Others: Class, Race, Gender in Drama and Performance (LA)

Provides a broad introduction to theatre and performance studies, examining issues of class, race and gender, while questioning and unpacking the concept of "the others." Explores connections between play analysis, performance theory, and theatre history while discussing dramatic texts and performances, and encouraging an on-going debate about the role of college students as citizen-artists in the global society. (IRR)

3 Credits

THEA 20100 Introduction to Puppetry (LA)

Introduction to the art of puppetry, including performance techniques. Exploration of history of puppetry and puppets across cultures. Involves research, design, creation and manipulation of puppets. Prerequisites: Sophomore standing. (IRR)

Attributes: FA

3 Credits

THEA 20300 Theatrical Makeup (NLA)

Study of materials and principles governing the application of theatrical makeup. (IRR)

1 Credit

THEA 21000 Theatre Production II (NLA)

Technical supervision or design assignment in production for the department. May be repeated twice for a maximum of four credits.

Prerequisites: B.F.A. theatre production & design majors only;

THEA 11000; sophomore standing. (F,S,Y)

2 Credits

THEA 21200 Software for the Theatre (NLA)

Instruction in computer software specific to a particular theatrical discipline. Emphasis placed on developing and demonstrating skills in industry standard applications. May be repeated once for a total of three credits. Prerequisites: THEA 12000 and sophomore standing. (S,Y)

1.5 Credits

THEA 21300 AutoCAD for the Theatre (NLA)

Computer-aided drafting for the theatre involving electronic manipulation of lines, drawings, and symbols to convey visual ideas for construction and layout using AutoCAD software. Emphasis is placed on the aesthetic application of the computer as a drafting tool for theatre. Prerequisites: THEA 11100 and THEA 12000. (S,Y)

1.5 Credits

THEA 22000 Vectorworks for the Theatre (NLA)

Instruction in computer applications involving the digital manipulation of lines, drawings, images and symbols in both 2D and 3D to convey visual ideas for design presentation using Vectorworks. Emphasis placed on the aesthetic application of the computer as a design tool for theatre.

Prerequisites: THEA 11100 and THEA 12000. (S,Y)

1.5 Credits

THEA 22100 Renderworks for the Theatre (NLA)

Instruction in computer sketching and rendering including textures, lighting, viewports etc. to convey visual ideas for design presentation using Renderworks. Emphasis placed on the aesthetic application of the computer as a design tool for theatre. Prerequisites: THEA 22000; open only to BFA students in Theatrical Production Arts or Theatre Production and Design. (S,Y)

1.5 Credits

THEA 22200 Scenic Design (LA)

Analysis and interpretation of dramatic works in the discipline of scenic design. Script analysis, research, conceptualization, model making, and drawing, etc., are used to refine and present design ideas. Combines lecture with studio practice. Prerequisites: THEA 11100 and THEA 12000. (F,Y)

Attributes: FA

3 Credits

THEA 22300 Costume Design (LA)

Analysis and interpretation of dramatic works in the discipline of costume design. Script analysis, character analysis, research, composition, etc., are combined to present and refine the design ideas. Combines lecture with studio practice. Prerequisites: THEA 12000. (F,Y)

Attributes: FA

3 Credits

THEA 22400 Lighting Design (LA)

Analysis and interpretation of dramatic works in the discipline of lighting design. Script analysis, research, conceptualization, drafting and demonstration, etc., will be used to refine and present design ideas. Combines lecture with studio practice. Prerequisites: THEA 11400 and THEA 12000. (F,Y)

Attributes: FA

3 Credits

THEA 22500 Sound Design (LA)

Analysis and interpretation of dramatic works in the discipline of sound design. Script analysis, research, conceptualization, aural storytelling and studio technique, etc., are used to refine and present design ideas. Combines lecture with studio practice. Prerequisites: TVR 27100; or THEA 11400 and THEA 12000. (F,Y)

Attributes: FA

3 Credits

THEA 23000 Introduction to British Styles of Acting (LA)

Introductory survey of the considerations necessary for understanding and performing scenes from British drama of the Shakespearean, high comedy, and contemporary styles. Not open to acting majors. Offered only at the London Center. Prerequisites: THEA 13100. (F,S,Y)

Attributes: FA

3 Credits

THEA 23100 Acting III (LA)

Intensive examination of the practical aspects of acting. Application of techniques of personalization, plot objectives, and characterization; presentation of monologues and duet scenes. Prerequisites: Grade of B or better in THEA 13200. (F,Y)

Attributes: FA

3 Credits

THEA 23200 Acting IV (LA)

Continued intensive examination of the practical aspects of acting. Application of techniques of personalization, plot objectives, and characterization; presentation of monologues and duet scenes. Prerequisites: Grade of B or better in THEA 23100. (S,Y)

Attributes: FA

3 Credits

THEA 23300 Scene Study III (LA)

Intermediate study of theories, vocabularies, and methodologies of acting techniques to prepare for rehearsal and performance of scenes. Emphasis is placed on textual analysis and the transformation of actor into character. B.F.A. acting or musical theatre majors only.

Prerequisites: THEA 13400 and THEA 13600. Corequisites: THEA 23500 and THEA 23700. (F,Y)

Attributes: FA

3 Credits

THEA 23400 Scene Study IV (LA)

Continuation of THEA 23300. Further intermediate study of theories, vocabularies, and methodologies of acting techniques to prepare for rehearsal and performance of scenes and monologues. Emphasis is placed on the integration of cumulative research, analysis, and performance skills in the development of fully realized characterizations.

Prerequisites: B.F.A. acting and musical theatre majors only; THEA 23300.

Corequisites: THEA 23600 and THEA 23800. (S,Y)

Attributes: FA

3 Credits

THEA 23500 Voice and Speech for the Stage I (NLA)

Study and exercise in the techniques of effective stage speech. Organic awareness used to attain lively, flexible, and natural vocal abilities.

Prerequisites: B.F.A. acting or musical theatre major and THEA 13600.

Corequisites: THEA 23300 and THEA 23700. (F,Y)

1.5 Credits

THEA 23600 Voice and Speech for the Stage II (NLA)

Continuation of study and exercise in the techniques of effective stage speech. Organic awareness used to attain lively, flexible, and natural vocal abilities.

Prerequisites: B.F.A. acting or musical theatre major and THEA 23500.

Corequisites: THEA 23400 and THEA 23800. (S,Y)

1.5 Credits

THEA 23700 Movement for the Stage I (NLA)

Study and exercise in techniques of effective stage movement, utilizing organic awareness, flexibility, and imagination to develop stage presence and characterization skills.

Prerequisites: B.F.A. acting or musical theatre major and THEA 13600.

Corequisites: THEA 23300 and THEA 23500. (F,Y)

1.5 Credits

THEA 23800 Movement for the Stage II (NLA)

Continued study and exercise in techniques of effective stage movement and characterization skills.

Prerequisites: B.F.A. acting or musical theatre major and THEA 23700.

Corequisites: THEA 23400 and THEA 23600. (S,Y)

1.5 Credits

THEA 23900 The Alexander Technique (NLA)

The Alexander technique is a mind-body learning process developed by F. M. Alexander, an Australian actor. Through discussion, self-awareness activities, selected readings, and gentle, hands-on teaching, this course explores his ideas for increasing kinesthetic awareness as a skill for improving ease and freedom of movement for the performer and non-performer alike.

Prerequisites: Sophomore standing. (IRR)

2 Credits

THEA 24100 History of Theatre I (LA)

Evolution of drama and the theatre from its ancient beginning through later developments in Greece, Rome, and medieval and Elizabethan England to the 18th century.

Prerequisites: Sophomore standing. (F,Y)

Attributes: 3B, CSA, DV, G, H, HU

3 Credits

THEA 24200 History of Theatre II (LA)

Continuing study of the evolution of drama and the theatre commencing in the 18th century and continuing through the eras of modern drama, theatre between the wars and after, to the late 20th century. Prerequisites: Sophomore standing. (S,Y)

Attributes: 3B, G, H, HU

3 Credits

THEA 25000 Promotion and Publicity for the Performing Arts (NLA)

Study of marketing and publicity strategies, concepts, designs, and implementation plans used by performing arts organizations to attract and maintain a loyal customer base. Exploration of contemporary trends in bringing art and audiences together. Prerequisites: Sophomore standing; THEA 13000. (F,Y)

3 Credits

THEA 25100 Theatre Organization and Management (NLA)

Examines the organizational structure of the non-profit regional theater and other non-profit performing arts organizations. From management structure to intellectual property law, students will gain fundamental knowledge to work successfully in the non-profit performing arts sector. Prerequisites: Sophomore standing. (F-S,Y)

3 Credits

THEA 26000 Stage Management Practicum II (NLA)

Practical experience serving in a supporting role on a stage management team for the department's productions. May be taken twice for credit.

Prerequisites: THEA 16000 and THEA 16100. (F,S,Y)

2 Credits

THEA 26100 Stage Management (NLA)

Exploration of the management skills, operational techniques, and practices of stage management, from pre-rehearsal through postproduction. (E,F)

3 Credits

THEA 27800-27809 Special Liberal Arts Topics: Theatre (LA)

Topics of special interest in theatre, such as focused study of genre, playwrights, eras, or contemporary developments in theatre. These topics are liberal arts in nature. Students may take more than one special topics course for credit. (IRR)

Attributes: UND

1-3 Credits

THEA 27900-27905 Special Topics: Applied Theatre (NLA)

Topics of current interest in applied theatre, such as special problems in theatre, production, guest artist workshop, or contemporary developments in arts management. These topics are non liberal arts in nature. Students may take more than one special topics course for credit. (IRR)

1-3 Credits

THEA 30600 Introduction to Directing (LA)

Study of the basic principles and problems involved in directing plays and musicals, including those peculiar to amateur productions. Offered either block I or block II, fall semester. For non-theatre majors; recommended for speech communication and music education majors. Prerequisites: Junior standing. (IRR)

Attributes: FA

2 Credits

THEA 31000 Theatre Production III (NLA)

Advanced technical supervision or design assignment in production for the department. May be repeated for a maximum of six credits.

Prerequisites: THEA 21000; junior standing; B.F.A. theatre production & design majors only. (F,S,Y)

3 Credits

THEA 31100 Advanced Costume Crafts (NLA)

Advanced study and practical experience in the tools and techniques used in theatrical costume crafts, including: advanced sewing and patterning techniques, millinery, dyeing and painting fabric, and thermoplastics. Prerequisites: THEA 10300 or THEA 11300. (F,Y)

3 Credits

THEA 31200 Advanced Scenic Technology (NLA)

Advanced study and practical experience in the tools and techniques used in theatrical scenery technology, including: complex construction techniques, theatrical metal working, rigging for the theatre and moving scenery systems. Prerequisites: THEA 11100; THEA 11200; THEA 21000. (S, Y)

3 Credits

THEA 31300 Advanced Costume Construction (NLA)

Advanced study and practical experience in the tools and techniques used in theatrical costume construction, including: patterning, draping, pattern drafting, and tailoring/sewing skills. Prerequisites: THEA 11300; junior standing. (S,Y)

3 Credits

THEA 31400 Advanced Lighting Technology (NLA)

Advanced study and practical experience in the tools and techniques used in theatrical lighting technology, including: advanced console programming, moving light technology and projections. Prerequisites: THEA 11400 and THEA 21000. (F,Y)

3 Credits

THEA 31500 Advanced Sound Technology (NLA)

Advanced study and practical experience in the tools and techniques used in theatrical sound technology, including: examination of the acoustic and electrical basis of sound and audio, the structure of audio systems, and the practical use of audio equipment. Prerequisites: MUMC 24800 or MUMC 25000, or TVR 27100, or both THEA 11400 and THEA 21000 (may be taken concurrently). (F,Y)

3 Credits

THEA 31600 Advanced Theatrical Properties (NLA)

Advanced study and practical experience in the tools and techniques used in theatrical properties technology, including: furniture construction, upholstery and mold making techniques. Prerequisites: THEA 11600; THEA 21000. (F,Y)

3 Credits

THEA 31700 Advanced Scenic Art (NLA)

Advanced study and practical experience in the tools and techniques used in theatrical scenic painting, including: faux finishes, translucencies, trompe l'oeil, and large scale projects. Prerequisites: THEA 11600 and THEA 21000 (can be taken concurrently). (F,Y)

3 Credits

THEA 31900 Technical Direction for the Theatre (NLA)

Advanced study of the theory and practice of technical direction for the theatre, involving scenery building techniques and technical specifications, construction drafting, budget and time analysis, and management techniques. Prerequisites: THEA 31200. (S,Y)

3 Credits

THEA 32200 Advanced Scenic Design (LA)

Advanced study of the art of scenic design, examining complex and varied forms of dramatic works. Prerequisites: THEA 22200. (S, Y)

Attributes: FA

3 Credits

THEA 32300 Advanced Costume Design (LA)

Advanced study of the art of costume design, examining complex and varied forms of dramatic works. Prerequisites: THEA 22300. (S,Y)

Attributes: FA

3 Credits

THEA 32400 Advanced Lighting Design (LA)

Advanced study of the art of lighting design, examining complex and varied forms of dramatic works. Prerequisites: THEA 22400. (S,Y)

Attributes: FA

3 Credits

THEA 32500 Advanced Sound Design (LA)

Advanced study of the art of sound design, examining complex and varied forms of dramatic works. Prerequisites: THEA 22500 and THEA 31500. (S,Y)

Attributes: FA

3 Credits

THEA 33100 Styles of Acting: The Greeks and Shakespeare (NLA)

Study and practice of acting technique appropriate to performing Greek tragedy and Shakespeare. Prerequisites: B.F.A acting or musical theatre major and THEA 23300. (F,S,Y)

Attributes: CSA

3 Credits

THEA 33200 Styles of Acting: Farce and High Comedy (NLA)

Study and practice of acting technique appropriate to performing farce and comedy of manners. Prerequisites: B.F.A acting or musical theatre major and THEA 23300. Also offered through the London Center. (S, Y)

3 Credits

THEA 33300 Fundamentals of Musical Theatre Song Performance (LA)

A team-taught, interdisciplinary, performance-oriented course focusing on the examination and performance of the musical theatre song and the integration of music and theatre skills. Prerequisites: B.F.A. musical theatre major; junior standing. (F, Y)

Attributes: FA

2 Credits

THEA 33500 Advanced Voice and Speech for the Stage (NLA)

Advanced and specialized studies in voice production, speech sounds, and articulation. Open to BFA musical theatre majors on a space available basis, by permission of instructor. Prerequisites: B.F.A acting major; THEA 23600. (F,Y)

3 Credits

THEA 33600 Dialects for the Stage (NLA)

Study of dialects as a tool for characterization. Open to BFA musical theatre majors on a space available basis, by permission of instructor. Prerequisites: B.F.A acting major; THEA 23600. (S,Y)

3 Credits

THEA 34300 History of Costume and Decor I (LA)

Analyzes the aesthetics of various cultures and institutions as reflected in the apparel and objects of daily life. Also examines the cultural influences (religious, political, economic, etc.) on those aesthetics. Prerequisites: Sophomore standing; B.F.A. theatre production & design majors only, or permission of instructor. (F,Y)

Attributes: 3B, FA, G, H

3 Credits

THEA 34400 History of Costume and Decor II (LA)

Analyzes the aesthetics of various cultures and institutions as reflected in the apparel and objects of daily life. Also examines the cultural influences (religious, political, economic, etc.) on those aesthetics. B.F.A. theatre production & design majors only. Prerequisites: THEA 34300. (S,Y)

Attributes: 3B, FA, G, H

3 Credits

THEA 34500 London Theatre and Culture – Walking Tour (LA)

Weekly guided on-site tours of historic and cultural areas of London, and visits to museums and exhibitions that play a significant role in London theatre. Offered only through the London Center. Lab fee applies. Pass/Fail only. (F,S,Y)

3 Credits

THEA 34700 London Theatre Immersion (LA)

Analyzes the role of theatre in contemporary society through the study of dramatic literature and live performance. Offered only through the London Center. Additional course fees for performances. Students cannot receive credit for both THEA 34700 and THEA 34900. Prerequisites: Junior standing; Theatre Arts majors only. (F-S,Y)

Attributes: 3B, G, WI

6 Credits

THEA 34800 Drama and the London Theatre (LA)

Study of drama and performance involving current productions on the London stage. Critical analysis of the texts prior to performance. Offered only through the London Center. Additional course fees apply. This course is intended as a general education course; Theatre Arts students may not enroll in this course. Prerequisites: Junior standing. (F-S,Y)

Attributes: 3B, FA, G, H

3 Credits

THEA 35100 Fund-Raising for the Performing Arts (NLA)

Examines the concepts, tools, and current environment of philanthropy as it pertains to the nonprofit performing arts industry. Explores individual, corporate, foundation, and government giving trends and the methods used to solicit support for the performing arts, including case statements, proposal writing, communication campaigns, direct mail, special events, and the Internet. Prerequisites: Junior standing; THEA 25100 with a minimum grade of B- or above. (S,Y)

3 Credits

THEA 35200 Producing Theatre (NLA)

Examines the role of the producer in commercial and nonprofit theatre productions in the United States. Follows current trends in producing Broadway, off-Broadway, and regional theatre and explores the industry's unions and trade associations. Prerequisites: Junior standing; THEA 25100 with a minimum grade of B- or above. (F,Y)

3 Credits

THEA 35400 Playwriting I (LA)

Preparation of a one-act play from germinal idea to completed script. Analysis of dramaturgical theory and technique, including plot, characterization, and dialogue. Prerequisites: THEA 10000 or THEA 13000. (F,S,Y)

Attributes: FA

3 Credits

THEA 35500 Directing I (LA)

An introduction to the fundamental tools of stage direction: Prerequisites: THEA 13000, THEA 13100 or THEA 13300; sophomore standing. (F-S,Y)

Attributes: FA

3 Credits

THEA 35600 Directing II (LA)

The application of fundamental directing tools in a laboratory environment, culminating in the rehearsal and performance of a short scene. Prerequisites: Theatre Studies major and final grade of B or above in THEA 35500; or permission of instructor. (S,Y)

Attributes: FA

3 Credits

THEA 35700 Dramaturgy I (LA)

This course provides a comprehensive overview of the various functions and practices of the discipline of dramaturgy. Starting with the history of dramaturgy, the course explores core practices such as production dramaturgy, new play development, literary management, season planning, and the role of the dramaturg in adaptation. Students develop skills in critical reading, production research, audience outreach, collaboration with directors and playwrights, and the application of dramaturgical perspectives towards creative endeavors. Prerequisites: THEA 24100; THEA 24200. (S,Y)

Attributes: HU

3 Credits

THEA 36000 Stage Management Practicum III (NLA)

Practical experience serving in a primary role on a stage management team for the department's productions. May be taken twice for credit.

Prerequisites: THEA 26000 and THEA 26100. (F,S,Y)

3 Credits

THEA 36100 Advanced Stage Management (NLA)

Development and practical application of advanced management skills, operational techniques, and practices of stage management, from pre-rehearsal through postproduction. Prerequisites: THEA 26100. (S,Y)

3 Credits

THEA 37000 Theatre Workshop (LA)

Performance-oriented ensemble under a supervising professor specializing in a particular type of theatre, such as music theatre, Shakespeare, mime, or story theatre. No two workshops may be taken concurrently. Audition required. May be repeated for total of eight credits concentrated in one type of workshop or distributed among several.

Prerequisites: Permission of instructor. (IRR)

Attributes: FA

2 Credits

THEA 40000 Transition to the Profession (NLA)

Week-long intensive professional preparation experience in New York City. Students network with alumni, attend theatrical productions, meet with professionals in theatre and allied industries in preparation to enter the profession. (S,Y)

0-1 Credits

THEA 41000 Theatre Production IV (NLA)

The capstone experience for B.F.A. theatre production & design majors. Students undertake a significant and substantial assignment in production for the department. May be repeated for a maximum of six credits. B.F.A. theatre production & design majors only. Prerequisites: THEA 31000; senior standing. (F-S,Y)

3 Credits

THEA 41100 Technical Seminar (NLA)

Research-based exploration of specific technical challenges, techniques, equipment or material related to specific technical theater areas. B.F.A. theatre production & design majors only. Prerequisites: Senior standing. (F,Y)

Attributes: CP

3 Credits

THEA 41200 Design Seminar (NLA)

Research into the expectations of the industry in the student's theatrical discipline leading to the creation of an effective resume, physical portfolio, and website portfolio for the profession or advanced study.

Prerequisites: BFA Theatrical production and design majors; senior standing. (F,Y)

Attributes: CP

3 Credits

THEA 43000 Audition Techniques (NLA)

Training and practice in selecting, preparing, and presenting audition material. Open to BFA musical theatre majors on a space available basis only, by permission of instructor. Prerequisites: B.F.A acting major or B.F.A. musical theatre major; THEA 33100, 33200 (may be taken concurrently). (F,Y)

2 Credits

THEA 43100 Acting for the Camera (NLA)

Stage-oriented performers learn and practice acting techniques appropriate to video performance in collaboration with student and faculty directors. Open to B.F.A. musical theatre majors on a space available basis, with permission of instructor. Prerequisites: B.F.A acting majors; THEA 33200. (F,S,Y)

3 Credits

THEA 43300 Musical Theatre Workshop: Repertoire and Style (LA)

A team-taught, interdisciplinary, performance-oriented course focusing on building repertoire and the application of musical theatre skills in small and large ensemble work. Prerequisites: Senior standing; B.F.A musical theatre major; theatre arts major or School of Music voice major by permission of instructor and audition only. (S,Y)

Attributes: FA

2 Credits

THEA 43400 Musical Theatre Workshop: Audition and Advanced (LA)

A team-taught, interdisciplinary, performance-oriented course focusing on audition techniques and advanced skills for the musical theatre performer. Prerequisites: Senior standing; theatre arts major or voice major from the School of Music; permission of instructor and by audition only. (F,Y)

Attributes: FA

2 Credits

THEA 43500 Advanced Scene Study (NLA)

Advanced study and application of theories, vocabularies, and methodologies of acting techniques for rehearsal and performance of scenes and monologues. Prerequisites: THEA 33100; THEA 33200; or instructor permission. (F)

3 Credits

THEA 43600 Theatre Showcase (NLA)

Preparation of audition materials for BFA Musical Theatre and BFA Acting students culminating in a theatre industry showcase with invited professionals. Prerequisites: Permission of instructor. (S,Y)

Attributes: CP

0-1 Credits

THEA 44100 Contemporary Developments in Theatre (LA)

Study of the history of dramatic art from 1950 to the present, including movements in dramatic literature, theory, and production. Prerequisites: Senior standing; THEA 24100 and THEA 24200. (F,S,Y)

Attributes: HU

3 Credits

THEA 44300 Aesthetics and Criticism of Drama (LA)

Survey of major critical and aesthetic theories of drama, from the classic to the contemporary theatre, applied to representative dramatic compositions. Students prepare and present written assignments. Prerequisites: Senior standing; THEA 24100 and THEA 24200. (IRR) Attributes: HU 3 Credits

THEA 44400 Senior Seminar (LA)

Students do appropriate historical, cultural, and/or literary research on selected topics. Prerequisites: THEA 10000 or THEA 13000; THEA 24100 or THEA 24200; ENGL 31100 or ENGL 31200; senior standing. (IRR) Attributes: HU 3 Credits

THEA 44500 Theatre Studies Capstone (LA)

The culminating course for Theatre Studies majors. Students will consider through class discussion and assignments how their major coursework has prepared them for the theatre profession and the course additionally prepares students for reflecting upon the entirety of their Ithaca College experience. Prerequisites: Senior standing. (S,Y) Attributes: CP, UND 1 Credit

THEA 44600 Theories of Performance (LA)

An overview of the full range of performance theory from popular entertainment to the performances of everyday life. Prerequisites: THEA 24100 and THEA 24200; senior standing. (F-S,Y) Attributes: HU 3 Credits

THEA 45000 Senior Project in Theatre Arts Management (NLA)

Qualified senior students undertake a major theatre management assignment under the supervision of a faculty specialist. Prerequisites: Senior standing in the theatre arts management program; permission of the program coordinator. (IRR,Y) 3 Credits

THEA 45400 Playwriting II (LA)

Writing of a full-length play. Class discussion and analysis of student writing, supplemented by individual conferences with instructor. Prerequisites: THEA 35400. (S,Y) Attributes: FA 3 Credits

THEA 45500 Senior Project in Directing (NLA)

Senior theatre arts majors select and rehearse a one-hour production performed for an audience under studio performance conditions. Prerequisites: THEA 35600; senior standing; theatre arts major; approval of departmental chair and curriculum committee. (F-S,Y) 3 Credits

THEA 45700 Dramaturgy II (LA)

Building on THEA 35700 Dramaturgy I, this course deepens the study of dramaturgy. Students refine their skills in production research, gain insight into international and non-conventional practices of dramaturgy, and apply dramaturgical practices in devised theatre and new play development. The course includes experiential assignments in production dramaturgy and theatre criticism. Prerequisites: THEA 35700. (S,Y) 3 Credits

THEA 46000 Stage Management Practicum IV (NLA)

Practical experience leading a stage management team for the department's productions. May be taken twice for credit. Prerequisites: THEA 36000 and THEA 36100. (F,S,Y) 3 Credits

THEA 46100 Stage Management Seminar (NLA)

The culminating course for Stage Management majors. Students will consider through class discussion and assignments how their major coursework has prepared them for the theatre profession and the course additionally prepares students for reflecting upon the entirety of their Ithaca College experience. Co-requisites: THEA 46000. (F,Y) 1.5 Credits

THEA 47000 Theatre Workshop (LA)

Performance-oriented ensemble under a supervising professor specializing in a particular type of theatre, such as music theatre, Shakespeare, mime, or story theatre. No two workshops may be taken concurrently. Audition required. May be repeated for total of eight credits concentrated in one type of workshop or distributed among several. Prerequisites: Permission of instructor. (IRR) Attributes: FA 2 Credits

THEA 47800-47805 Special Topics: Theatre (LA)

Topics of special interest in theatre, such as focused study of genre, playwrights, eras or contemporary developments in theatre. These topics are liberal arts in nature. Students may take more than one special topics course for credit. (IRR) Attributes: UND 1-3 Credits

THEA 47900-47905 Special Topics: Applied Theatre (NLA)

Topics of current interest in applied theatre, such as special problems in theatre production, guest artist workshop, or contemporary developments in arts management. These topics are non liberal arts in nature. Students may take more than one special topics course for credit. (IRR) 1-3 Credits

THEA 48000-48005 Senior Ensemble (NLA)

Preparation and/or presentation of a broad repertoire of projects through special workshops and field studies. Prerequisites: Theatre arts major; senior standing; audition and/or interview. 0.0-(S,Y) 0-1 Credits

THEA 48400 Professional Aspects of Theatre (NLA)

Advanced course designed for those intending to enter the professional theatre. Special projects in the study of current plays and in the preparation of interviews, resumes portfolios and auditions. Prerequisites: THEA 25100. (IRR) 2 Credits

THEA 49000-49005 Theatre Projects (NLA)

Independent pursuit of applied production projects. May be repeated for a total of six credits. Prerequisites: Junior or senior standing; by special permission of departmental curriculum committee. (F-S,Y) 1-4 Credits

THEA 49100-49105 Professional Internship Theatre (NLA)

A one-semester internship with a professional performing arts organization. Student's work is monitored and evaluated by faculty adviser. Also offered through the London Center. Prerequisites: Junior standing; departmental permission. Maximum of (F, S, Y) 1-12 Credits

THEA 49900-49905 Independent Study: Theatre (LA)

Special reading and research under the supervision of the department. Also offered through the London Center. May be repeated for a total of six credits. Prerequisites: Junior or senior standing; special permission of departmental curriculum committee. (F-S,Y) 1-4 Credits

Women's and Gender Studies (WGST)

WGST 10000 Introduction to Women's and Gender Studies (LA)

Women's and gender studies provides a critical perspective that examines the world and everything that happens within it through the lens of gender and from the viewpoints of women. It encourages new ways of seeing and thinking about our world and its people and institutions. Interdisciplinary introduction to the questions, findings, methods, and theories of women's and gender studies scholarship. Examines how multiple forms of feminism shape the practice of women's and gender studies, and increasingly recognize differences among women. Examines gender as a social construct and the diverse conditions of gendered lives and experiences in the United States. Open to all interested students, and a requirement for the women's and gender studies minor. (F,S,Y)

Attributes: 1, DV

3 Credits

WGST 22000 Queer Studies (LA)

Examines contemporary LGBTQ (also known as queer) studies, primarily from feminist/queer theoretical perspectives and utilizing a social constructionist standpoint. Includes interdisciplinary and historical explorations of LGBTQ lives, with a focus on the intersectionality of LGBTQ identity with other categories of identity. Prerequisite: sophomore standing. (F,S,Y)

Attributes: 1, 3A, CNSL, DV, HM, HU, SO, SS, TIDE, TPJ, WGS

3 Credits

WGST 26100 Psychology of Women (LA)

In-depth examination of the psychology of women in contemporary society. Review of the research on gender differences and consideration of the theories (social learning, psychoanalytic, and biological) that have attempted to explain the differences. Focuses on some of the central experiences of women's lives (including relationships, work, mothering, sexuality, and mental health), with particular attention to the ways in which women's psychological development differs from that of men's in a patriarchal society. For psychology majors, this course counts towards the Sociocultural Competence requirement. Cross-listed with PSYC 26100. (F,Y)

Attributes: CC, DV, SS, WGS, WGSC

3 Credits

WGST 28800 Selected Topics: Women's and Gender Studies (LA)

Topics of current interest in women's and gender studies that focus on women and gender as crucial categories of analysis, and explore their intersections with race, class, sexuality, and nation (among other social categories). Can be repeated once for a total of six credits, when topics vary. Prerequisites: WGST 10000 or sophomore standing. (IRR)

Attributes: WGS, WGS1

3 Credits

WGST 41000 Selected Topics: Women's & Gender Studies (LA)

Topics of current interest in women's studies using a women's studies approach to pedagogy. This feminist pedagogy includes: (1) an emphasis on critical thinking and analytical skills; (2) an emphasis on cooperation instead of competition and hierarchy in the classroom; and (3) the validation of personal experience and subjective knowledge in the learning process. Prerequisites: WGST 10000; two courses from the women's and gender studies minor list. Open to women's and gender studies minors with senior standing, or junior standing by permission of instructor. Can be repeated once for up to six credits when topics vary. (IRR)

3 Credits

WGST 42000 Independent Studies: Women's and Gender Studies (LA)

Independent studies projects are arranged individually between student and instructor. A proposal for the topic and specific plans must be approved by the coordinator of the women's and gender studies program and by the School of Humanities and Sciences dean's office.

Prerequisites: WGST 10000; two courses from the women's and gender studies minor list; permission of instructor. (F,S,Y)

Attributes: WGS, WGS3, WGSC, WGS1

1-4 Credits

WGST 43000 Internship: Women's and Gender Studies (NLA)

Internships are arranged individually at the student's request with individual instructors and a sponsoring agency. A proposal for an internship must be approved by the coordinator of the women's and gender studies program and by the School of Humanities and Sciences dean's office. Prerequisites: WGST 10000; two courses from the women's and gender studies minor list; permission of instructor. Variable credit. (F,S,Y)

Attributes: WGSC, WGS1

1-12 Credits

Writing (WRTG)

WRTG 10600 Academic Writing I (LA)

This introductory, freshman-level course teaches students how to read perceptively and write coherently in college courses. Students learn to comprehend, critique, and respond to college readings by writing analytical essays ranging from single-source papers to evaluations of the claims and evidence in a number of readings. Typical assignments include single-source critiques and multiple-source syntheses. The course emphasizes thoughtful and responsible use of sources. May satisfy departmental and school requirements for a level-1 writing course. Prerequisites: Open only to freshmen and sophomores. (F-S,Y)

Attributes: 3A, HU

3 Credits

WRTG 16500 Introduction to the Essay (LA)

Introduces the principal concepts of creative writing through study and practice within the genre of the essay. Asks students to examine the intentions, strategies, and styles of selected essays from long ago to the present. Prerequisites: ICSM 10800, ICSM 11800, or WRTG 10600; Writing majors. (F,S,Y)

Attributes: 3A, HU

3 Credits

WRTG 17500 Introduction to Creative Writing (LA)

Elements and techniques of writing fiction and poetry introduced through instruction, analysis of models, experimentation, and practice. Not open to students who have previously received credit for WRTG 23600 or WRTG 23800. Prerequisites: ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y)

Attributes: 3A, CA, FA, HM, MC, TIDE, TIII

3 Credits

WRTG 20100 Argument (LA)

Prepares students to write convincing arguments by learning logical strategies for researching, presenting and defending ideas. Introduces a variety of forms that arguments can take; topics range from the traditional essay to the multi-modal. Particularly recommended for students who wish to strengthen their ability to present their point of view persuasively, intelligently, and ethically. Prerequisites: ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y)

Attributes: HU, LSCO, MC

3 Credits

WRTG 20500 Personal Essay (LA)

Writing essays based on analysis of students' experiences, ideas, and feelings. Emphasis is placed on narrative, descriptive, and organizational techniques, as well as development of style. Readings are intended to deepen students' understanding of their own lives and provide models for creative interpretations of their own experience. Prerequisites:

ICSM 10800, ICSM 11800, or WRTG 10600. (F-S,Y)

Attributes: 3A, CA, HM, HU, TIDE

3 Credits

WRTG 21100 Writing for the Workplace (LA)

Basic on-the-job writing necessary to join, manage, and promote any organization, whether profit or nonprofit. Focus is primarily on short forms: résumés, memos, business letters, summaries, brochures, newsletters, press releases, informal proposals, and reports. Course also explores how various social, economic, and ethical issues affect workplace writing. Prerequisites: Sophomore standing; ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y)

Attributes: ESTS, HU, WI

3 Credits

WRTG 21300 Technical Writing (LA)

Fundamentals for communicating technical information to general and specialized audiences. Class emphasizes the foundations of technical writing, their formats and applications, context-specific writing strategies, basic visual design, and ethics. Some reading in and discussion of the history of technology and its influence on human society and culture. Prerequisites: Sophomore standing; ICSM 10800, ICSM 11800, or WRTG 10600. (F,E)

Attributes: ESTS, HU, WI

3 Credits

WRTG 21700 Inquiry, Research, & Writing Across the Curriculum (LA)

Prepares students across the disciplines to engage in inquiry-based research, examining questions relevant to their fields and interests and producing substantial formal writing in a range of research genres. Emphasizes writing and research as recursive processes. Focuses on development of effective research practices, including identifying, locating, evaluating, and integrating sources ethically and effectively. Prerequisites: ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y)

Attributes: HM, TIII, WI

3 Credits

WRTG 22500 Grammar and Usage (LA)

Intensive study of the patterns of English grammar and their influence on sentence structure, punctuation, and usage. Daily exercises in contemporary usage and writing assignments prepare students for refining their own academic prose and for editing the work of others.

Prerequisites: Sophomore standing; ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y)

Attributes: HU

3 Credits

WRTG 23200 Creative Nonfiction (LA)

Introduction to writing research-based creative nonfiction. Readings are intended to expose students to the breadth of the nonfiction genre. Emphasis is placed on literary technique, ethics, and research. Prerequisites: Sophomore standing; ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y)

Attributes: ESTS, HU

3 Credits

WRTG 23600 Fiction Writing I: Short Story (LA)

Workshop in writing short fiction, emphasizing character, plot, dialogue, scene, point of view, and other elements of fiction. Students practice revision as part of the writing process. Analysis of both published and student writing. Prerequisites: WRTG 17500. (F,S,Y)

Attributes: 3A, FA

3 Credits

WRTG 23800 Poetry Writing I (LA)

Workshop in writing poetry, in which students develop poetic strategies and practice a range of poetic forms and modes. Craft analysis of published models (both historical and contemporary) and student writing. Analysis will include discussion of how poems work to reflect and/or critique their social contexts. A final portfolio of revised work is required.

Prerequisites: WRTG 17500. (F,S,Y)

Attributes: 3A, FA

3 Credits

WRTG 24500 Translation and Self-Discovery (LA)

Theory and practice of translation as a form of writing that leads to discovery and self-discovery. Students read texts related to the role of translation in disparate areas of knowledge and select and translate short texts into English and from English into a second language with the goal of experiencing the field of translation, deepening their relationship to their own language, and finding their voice (or a new voice) in another language. This course is intended for students with an intermediate-level reading and writing proficiency in a language other than English. Cross-listed with LNGS 24500; students may not receive credit for both courses. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)

Attributes: HM, TIDE, TIII, WI

3 Credits

WRTG 25200 Sophomore Internship (NLA)

Work and study project designed by the student early in undergraduate career, in consultation with a faculty sponsor and a practicing professional. The H&S internship proposal includes learning objectives, a detailed work plan, and a description of the student's plans for reports to the faculty sponsor. May be repeated up to 3 cr total. Offered on demand only. Prerequisites: Two WRTG courses. (F,S,U,Y)

1-3 Credits

WRTG 30100 Memoir (LA)

Advanced course surveying and writing in the memoir genre. Encourages students to recognize developmental patterns in their own lives and understand the social and political context of their experience. Emphasis is placed on the thematic, structural, and stylistic problems of writing a book-length autobiographical narrative. Readings are used to model the genre and address relevant issues, such as the selectivity of memory, the public presentation of the private self, and the literary value of daily life.

Prerequisites: WRTG 20500 or WRTG 23600. (F,S,Y)

Attributes: 3A, FA

3 Credits

WRTG 30500 Writing Science Fiction and Fantasy (LA)

Advanced creative writing course in science fiction and fantasy that emphasizes the importance of character and thematic development. Assignments also focus on the selection of subject, setting, and narrative techniques. Readings in science fiction and fantasy serve as models for approaches to these two genres. Prerequisites: WRTG 23600. (S,Y)

Attributes: FA

3 Credits

WRTG 31000 Women and Writing (LA)

Introduction to and exploration of gender and women's experience, both historical and contemporary, through different literary forms. Students will become familiar with and apply feminist theory to a variety of creative forms. Writing assignments may include nonfiction, fiction, poetry, and/or dramatic writing. Readings by women writers past and present.

Prerequisites: WRTG 20500, WRTG 23600, or WRTG 23800. (F,S,Y)

Attributes: 3A, FA, WGS, WGS3, WGSC

3 Credits

WRTG 31100 Writing for the Professions (LA)

Advanced, thematically centered workplace writing focusing on more complex forms: policy statements, position papers, dossiers, legal documentation, and long reports. Course themes vary and encourage dialogue on major issues among different professions in business, government, law, and medicine. All sections are grounded in argument, ethics, and the humanities. Class readings may include casebooks, theoretical essays, or historical documents. Prerequisites: Junior standing; and one of the following: WRTG 20100, WRTG 21100, or WRTG 21300; or three courses in ANTH, CMST, CSCR, ECON, ENVS, GBUS, HLTH, INTB, JOUR, LEGST, MKTG, POLT, PSYC, SOCI, STCM, or WGST. (S)

Attributes: ESTS, HU, WI

3 Credits

WRTG 31400 Science Writing (LA)

Advanced expository course on journalistic and literary scientific writing. Students learn to communicate scientific facts and theories to professional and sophisticated lay readers through description, analogy, narrative, and argument. Some discussion of the technical and scholarly conventions of formal scientific writing. Class readings include major humanistic essays from the history of science and articles and features from contemporary popular and scientific publications. Prerequisites: Junior standing; WRTG 20100 or WRTG 21300; or three courses in COMP, BIOC, BIOL, CHEM, ENVS, EXSS, HLTH, MATH, or PHYS. (S)

Attributes: ESTS, WI

3 Credits

WRTG 31700 Proposal and Grant Writing (NLA)

Advanced workplace writing concentrating on proposals and grants. Students address problems in the local community while studying the interplay among business, education, government, and nonprofits. Attentive to civic responsibility in the marketplace, this course teaches research and assessment, project management, editing, and document design. Group work emphasizes social networks and service learning. Prerequisites: Junior standing; WRTG 20100, WRTG 21100, or WRTG 21300. (F,S,Y)

Attributes: ESTS, SL

3 Credits

WRTG 31800 Writing from Cultural Experience (LA)

Advanced essay course in which students explore the significance of their own ethnic and cultural identity, background, and experience. Writing assignments encourage students to employ a variety of essay styles and structures – from personal to public and from narrative to analytical. Appropriate for any students who recognize their life experience as distinct by virtue of their nationality, race, religion, region, gender, sexual preference, or culture. Prerequisites: WRTG 20100, WRTG 20500, or WRTG 23200. (IRR)

Attributes: 3A, DV, HU

3 Credits

WRTG 31900 Writing as a Naturalist (LA)

Advanced expository essay course focusing on human interactions with the rest of the natural world. Readings are selected from the writing of naturalists, environmentalists, scientists, legislators, artists, poets, and philosophers. Writing assignments include field observation, description, analysis, and argument. Prerequisites: Two ENVS courses level 2 or above; WRTG 20100, WRTG 20500, or WRTG 23200. (IRR)

Attributes: 3A, ESTS, HU

3 Credits

WRTG 32000 Public Essay (LA)

A public essay is a vehicle for making sense of the world, for offering commentary about it that deepens the reader's understanding and awareness of our condition. This advanced expository course provides students the occasion to write reflective literary essays on topics of public interest and significance. Students bring their own values, perspectives, insights, and voice to bear on matters of community concern. Prerequisites: Junior standing; WRTG 20100, WRTG 20500, or WRTG 23200. (F-S,Y)

Attributes: ESTS, HU, LSCO

3 Credits

WRTG 32500 Writing Children's Literature (LA)

Writing literature for children and young adults. In addition to studying stylistic approaches and techniques, the course addresses issues such as appropriate subject matter, writing for specific age groups, and the writer's ethical responsibility. Reading assignments may include classic and contemporary works, fairy tales and myths, and critical and historical essays. Prerequisites: WRTG 23600. (F,Y)

Attributes: FA

3 Credits

WRTG 33000 Style and Syntax (LA)

Advanced expository course applying grammatical knowledge to the study of prose style. Close analysis of sentence structures and rhetorical devices used by exemplary writers, along with exercises and practice in revision of students' own prose. Prerequisites: Junior standing; WRTG 22500. (IRR)

Attributes: HU

3 Credits

WRTG 33100 Feature Writing (LA)

Advanced expository course in developing the skills necessary to write informative, accurate, and interesting feature articles suitable for print or online publications. Students learn interviewing and reporting skills, as well as feature genres, style, and structure. Prerequisites: WRTG 20100, WRTG 20500, or WRTG 23200. (F)

Attributes: HU, MC

3 Credits

WRTG 33400 Humorous Writing (LA)

Writing humorously in the comedic or satiric mode. Introduces a variety of humorous forms, such as monologue, parody, caricature, and irony. Readings from past and present works contribute to a study of the historical, philosophical, psychological, and cultural dimensions of humor. Major emphasis is placed on creative writing. Prerequisites: WRTG 20500 or WRTG 23600. (S,Y)

Attributes: FA

3 Credits

WRTG 33600 Fiction Writing II (LA)

An advanced workshop for students with a serious commitment to reading and writing fiction. Builds on the work begun in WRTG 23600. Students may write short stories or longer fictional works. Prerequisites: WRTG 23600. (F,S,Y)
 Attributes: FA
 3 Credits

WRTG 33800 Poetry Writing II (LA)

An advanced workshop for students with a serious commitment to the art of writing poetry. Students build on the study begun in WRTG 23800, striving for a greater understanding of issues and techniques in poetry. Rigorous analysis of poetry, including how poems function to reflect and/or critique their social contexts, is required. Prerequisites: WRTG 23800. (S,Y)
 Attributes: FA
 3 Credits

WRTG 34000 Magazine Writing (LA)

Experience in researching, writing, and marketing magazine articles, with an emphasis on features. Students study the various types of articles and analyze magazines for their content, audience, and editorial policy and slant, using this understanding to write for particular magazines of their choice. Students learn reporting and research techniques, as well as how to query editors. Prerequisites: WRTG 20100 or WRTG 20500; JOUR 11100 or WRTG 33100. (S,Y)
 Attributes: HU
 3 Credits

WRTG 34100 Travel Writing (LA)

Combines analysis of issues related to travel writing and writing within the genre. Explores goals, audiences, and forms of travel writing. Taught online and available only to students away from the Ithaca campus. Students are requested to discuss travel locations with professor prior to registration. Prerequisites: WRTG 20100, 20500, or 23200; permission of instructor. (F-S,Y)
 Attributes: HU
 3 Credits

WRTG 34200 Writing about Sports (LA)

Advanced expository course in writing essays about sports for a variety of audiences, and developing and articulating standards for that writing. Readings selected from past masters and contemporary practitioners to provide a context for class discussion and for descriptive, analytical, and argumentative writing. Emphasizes establishing an authentic voice. Prerequisites: WRTG 20100, WRTG 20500, or WRTG 23200. (IRR)
 Attributes: HU
 3 Credits

WRTG 34500 Writing as a Critic (LA)

Advanced expository course on the essentials of writing arts reviews and criticism for newspapers, magazines, and trade journals, both print and online. Subjects for review include film, theater, music, dance, performance media, literature, painting, printmaking, sculpture, photography, television, radio, videos, games, and digital media. Also addresses the social and aesthetic functions of arts criticism, the development of criteria for judgment, and the role and responsibility of the critic. Reading assignments include critical models as well as essays on the theory and practice of criticism. Prerequisites: WRTG 20100, WRTG 20500, or WRTG 23200; any two courses beyond level 1 in art, art history, literature, theater, music, dance, photography, television-radio, video, or film. (S)
 Attributes: HU
 3 Credits

WRTG 35000 Selected Topics in Expository Writing (LA)

Advanced expository writing course, offered at irregular intervals on topics chosen by faculty members. May be repeated for credit when topics vary. For writing minors, the course may be an elective or fulfill a level-3 minor requirement. Prerequisites: Junior standing; one writing course at level 2 or above (specified by name and number at time of offering). (IRR)
 Attributes: HU, WGS3
 3 Credits

WRTG 35400 Selected Topics in Creative Writing (LA)

Advanced creative writing course, offered at irregular intervals on topics chosen by faculty members. May be repeated for credit when topics vary. For writing minors, the course may be an elective or fulfill a level-3 minor requirement. Prerequisites: Junior standing; WRTG 20500 or one creative writing course at level 2 or above (specified by name and number at time of offering). (IRR)
 Attributes: FA
 3 Credits

WRTG 36000 Language, Literacy, and Writing Studies (LA)

Explores theoretical and practical connections among language, literacy, and writing, focusing on research and theory that inform the field of composition and rhetoric. Explores questions such as: How are texts composed? What do accomplished readers and writers understand, and how do they develop that knowledge? How do people engage new discourses? How are authority and identity achieved in writing? How are language and literacy part of systems of power and privilege? How is technology affecting how we think, read, write, learn and share cultural resources? Prerequisites: Junior standing; WRTG 20100; WRTG 20500. (F or S, Y)
 Attributes: HU
 3 Credits

WRTG 36500 Poetics (LA)

Introduction to Western theories of creative writing as a means of investigating the relationships between writer, text, and world. Addresses cultural/political, psychological, philosophical, and aesthetic concerns. In addition to rigorous analysis of historical and contemporary texts, students will examine their own creative work and process. Prerequisites: WRTG 23600 or WRTG 23800; any other writing course above level 1. (F,S,Y)
 Attributes: HU
 3 Credits

WRTG 38000 Visiting Writers' Workshop (LA)

An advanced writing workshop offered each semester to coincide with the Department of Writing Distinguished Visiting Writers series. Requires 15 contact hours in meetings, conferences, and classes with both the visiting writer and the writing faculty coordinator. Students produce a 15-page revised manuscript of new work in the relevant genre over the course of the semester. May be repeated up to three times for credit. Prerequisites: Junior standing; permission of instructor. (F-S,Y)
 Attributes: UND
 1 Credit

WRTG 41000 Senior Project (LA)

Advanced independent project designed by writing majors no later than their second junior semester and relating to their particular concentration or area of interest. The project, is usually undertaken in the second semester of the student's senior year. Work in the final portfolio is evaluated by the faculty mentor. Students are encouraged but not required to give a public presentation or reading of their work during their senior year. Writing majors only. Prerequisites: Senior standing; WRTG 31100, WRTG 32000, WRTG 33600, or WRTG 33800; WRTG 36000 or WRTG 36500; permission of instructor. (F,S,Y)
3 Credits

WRTG 41500 Senior Seminar (LA)

Small group setting for students to undertake focused, intensive exploration and research of ideas and issues in writing within selected advanced topics not provided elsewhere in the curriculum. Provides opportunity for advanced coursework that nurtures serious investigation of specific issues within their discipline, and fosters intellectual dialogue about writing among students. Seminar topics vary each semester. May be repeated for credit when topics vary. Prerequisites: Two writing courses beyond level 1, at least one of which must be at level 3; permission of instructor. (F,S,Y)
Attributes: WI
3 Credits

WRTG 42000 Apprenticeship (NLA)

Service as a teacher's apprentice in a 100-level writing course, correcting and commenting on student papers, tutoring, leading class exercises or discussions, and participating in conferences. To be eligible, students must have completed two writing courses above level 1, with at least one B and one A- as final grades; should have successfully completed the course to which they are apprenticing; and should have a desire to work with students enrolled in Academic Writing I or II, Personal Essay, or Argument. Prerequisites: Senior standing and permission of instructor. (F-S,Y)
3 Credits

WRTG 43600 Writing the Novella (LA)

This advanced fiction-writing seminar offers students the opportunity to develop a novella. The course extends previously learned narrative elements, such as characterization, plot, setting, point of view, tone, and voice, and applies them to a broader, more complex literary canvas. Students will create narratives that allow for multiple characters who interact within an expanded social context or that permit the extended exploration of a single character in considered detail. Prerequisites: WRTG 33600. (F,Y)
Attributes: FA
3 Credits

WRTG 45000-45001 Internship: Writing (NLA)

Work and study project designed by the student, in consultation with a faculty sponsor and a practicing professional. The proposal includes learning objectives, a detailed work plan, and a description of the student's plans for reports to the faculty sponsor. Prerequisites: Junior standing; three writing courses above level 1. Offered on demand only. May be repeated up to twelve credits. (F-S,Y)
1-6 Credits

WRTG 49800 Independent Study: Exposition (LA)

Student-initiated expository writing project focusing on a specialized area. For the qualified, advanced student, by agreement with a faculty member. Approval of the writing department chair must be obtained one semester in advance of the proposed project. Prerequisites: Senior standing; three writing courses above level 1; additional prerequisites depending on topic. (F-S,Y)
Attributes: HU
1-3 Credits

WRTG 49801 Independent Study: (Exposition) (LA)

Student-initiated expository writing project focusing on a specialized area. For the qualified, advanced student, by agreement with a faculty member. Approval of the writing department chair must be obtained one semester in advance of the proposed project. Prerequisites: Senior standing; three writing courses above level 1; additional prerequisites depending on topic. (F-S,Y)
Attributes: HU
1-4 Credits

WRTG 49900 Independent Study: Creative Writing (LA)

Student-initiated creative writing project focusing on a specialized area. For the qualified, advanced student, by agreement with a faculty member. Offered on demand only. Approval of the writing department chair must be obtained one semester in advance of the proposed project. Prerequisites: Senior standing; three writing courses above level 1; additional prerequisites depending on topic. (F-S,Y)
Attributes: FA
1-3 Credits

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School of Business

For full faculty listing, see "Faculty and Administration (p. 742)."

Introduction

The Ithaca College School of Business offers a bachelor of science degree program in accounting; a bachelor of science degree program in business administration, with concentrations in corporate accounting, finance, international business, management, marketing, sport marketing, and sport management; and two graduate degree programs, all of which are accredited by the Association to Advance Collegiate Schools of Business (AACSB) International. Our undergraduate programs are designed to prepare students for careers in business and industry, for graduate school, or for the CPA/CMA examinations. Students are encouraged to seek additional information about these programs in this catalog or from the appropriate dean's office.

Strong academic advising is available from the School of Business faculty and the student services team in the dean's office, as well as from other areas within the College, to help students make the choices necessary to be successful at Ithaca College and in the future.

Vision

To be recognized for excellence, innovation and a student focus in teaching, research, and service.

Mission

Deliver an innovative and inclusive student-centered business education, steeped in the liberal arts and experiential learning, to develop graduates who make a positive impact on business and society.

Guiding Principles and Values

- Commitment to diversity and inclusive excellence
- Student engagement and empowerment
- Outcome-based measures of student learning
- Application of theory to real world national and international problems
- Strong partnerships with students, alumni, and industry
- Sense of community
- Support for innovation and creativity
- Environment of collegiality and collaboration
- Entrepreneurial thinking and activity
- Living and learning in ways to foster sustainability and social responsibility

The Professions Program

The Professions Program is a professional development curriculum required for all students majoring in Business Administration or Accounting. It is a four-year program that allows students to develop

progressive skills and gain experiences that will prepare them for competitive internships and careers. It consists of a series of workshops, an off-site informational interview and career exploration, and a series of leadership programs.

For more information, please visit the School of Business professional development website (<https://www.ithaca.edu/academics/school-business/professional-development/>).

Workshops

- *Workshop #1, Making Success a Habit:* Students learn about current trends, best practices, and tools that enhance communication as the norms of business evolve. These communication techniques will then be put into practice within the framework of creating a personal professional network.
- *Workshop #2, All-Star Interviewing:* Students learn all aspects of the interview process, types of interview formats, and how to make the most out of each and every interview experience. Students will learn and begin to apply techniques that will help them to be prepared and confident for every interview they secure, including the development of a personal brand and knowing what employers want.
- *Workshop #3, Securing Stellar Internships:* Students learn internship research techniques and resources, incorporating personal and professional networks into the internship search, and how to effectively structure the process of applying and securing the right internship for them.
- *Workshop #4, Life After IC Series:* Students must complete at least 3 of the multiple sessions offered through the fall/spring semester. These sessions feature networking opportunities to further professional development and prepare students for the transition to career. Topics may include: Marketing Yourself Beyond the Resume, Negotiating a Job Offer, Using Social Media in the Job Search, Authentic Networking, Implementing an Effective Job Search, and Personal Financial Management.

Courses

- *BINT 10400, Informational Interview:* Students explore a career path of interest and start to develop a professional network by conducting an interview with a professional in a field of interest. Students will: contact a career professional outside of their network utilizing skills learned from Making Success a Habit (Workshop #1), conduct an informational interview, and complete a reflection assignment.
- *BINT 20400, Career Exploration:* An off-campus experience that gives students an opportunity to observe daily functions of the organization and to interview staff in order to learn various aspects of the organization. Students will spend 30 hours of time on-site with an employer to learn various aspects of the company that relate to their major/concentration and complete a reflection assignment.
- *BINT 40400, Professions Program Completion:* This course signifies completion of all Professions Program requirements, including workshops and the leadership and career development components.

Leadership and Career Development

Students complete a combination of eight leadership and career programs offered by the School of Business and the College's Student Leadership Institute (part of the Office of Student Engagement). Students choose programs within any of the following tracks: Career Connections

(School of Business), Leading Others (SLI), or Leading in a Diverse World (SLI). An expansive variety of programs are offered each semester.

Internships

The internship program, an off-campus experience involving varied, non-routine work projects, is available for interested students who qualify. For business administration and accounting students, there are two types of internships. Students can choose to do an internship for credit only. Credits earned can be counted towards a 300 level general business requirement or open elective. The second type of internship is designed to allow students to synthesize the academic theory they have learned with real-world experiences. Credits earned in an internship with academic enhancement may be counted towards a 400 level concentration specific elective.

The program places primary responsibility on the student. For internship for credit, the students work with the Assistant Dean, who oversees the Professions Program. For internships with academic enhancement, the students work with a faculty sponsor and the Assistant Dean to develop a project proposal and carry out its requirements. Internships are available during the fall, spring, summer semester, and winter breaks. An internship may not be repeated for credit with the same employer. A maximum of 12 credits may be earned in any combination of internships.

For internships with academic enhancement, students must be seniors and they must have attained a minimum cumulative GPA of 2.70 and completed the appropriate principles course in their respective major or concentration. London Center internships are for 3 credits per semester only. Internships in the School of Business are graded on a pass/fail basis only. To qualify for internships for credit, students must be juniors and in good academic standing.

For more information, please visit the School of Business internships website (<http://ithaca.edu/business/internships/>).

Study Abroad

The London Program

School of Business majors are encouraged to participate in the London Center study-abroad program during their sophomore or junior year. We recommend that discussion and planning begin in the student's first year. Students can obtain descriptive literature from the Office of International Programs. Course planning should be worked out with the faculty advisor and the Office of International Programs (<http://www.ithaca.edu/oip/>). For more information, please visit the Office of International Programs website (<http://www.ithaca.edu/oip/>).

Other Study-Abroad Opportunities

School of Business majors are encouraged to study abroad during their sophomore or junior year. Both affiliated and non-affiliated programs offer opportunities for students to learn about other cultures, improve their foreign language skills, and, in some cases, fulfill business course requirements. Course planning can be worked out with the faculty adviser. More information about study-abroad options is available on the Office of International Programs website (<http://www.ithaca.edu/oip/>).

Independent Study

Students may pursue an independent study with the guidance of a faculty member. The purpose of independent study is to enable students to pursue personal academic interests in an area not covered in or beyond the scope of existing courses. Independent-study projects normally involve research into a topic, with a written report as the final product, but

variations are accepted when appropriate. A variable amount of credit may be earned toward the degree. To qualify, a student must have a minimum cumulative GPA of 3.00 and must have completed at least 6 credits in the subject matter. Guidelines are available at the School of Business office. Please note carefully the application deadlines for each term, which usually occur at the end of the add/drop period.

Honors

Dean's Award

Each year the dean, in consultation with the school's faculty, selects one or more graduating seniors for the Dean's Award. The award is given in recognition of superior scholastic achievement and extracurricular service to the College, school, and student body.

Dean's Leadership and Distinguished Service Award

Each year the dean, in consultation with the school's faculty, selects one or more graduating seniors for the Dean's Leadership and Distinguished Service Award. The award is given in recognition of distinguished leadership activities and service to the College, school, and student body.

Accounting

Three students are selected by the accounting faculty to receive awards for excellence by the Southern Tier chapter of the New York State Society of Certified Public Accountants in the areas of auditing, taxation, and accounting. Each year the top senior finance major is selected by the finance faculty to receive the Wall Street Journal Student Achievement Award.

Beta Alpha Psi

Beta Alpha Psi is an honorary organization for finance and accounting students and professionals. The primary objective of Beta Alpha Psi is to encourage and give recognition to scholastic and professional excellence in the field of business information. Ithaca College's Mu Alpha chapter invites undergraduate students in good judicial standing with a declared major in accounting or a concentration in finance or corporate accounting who have completed at least 30 credit hours and attained a minimum cumulative GPA of 3.30 to join as candidates for initiation. Upon completion of participatory and community service requirements, at least 60 credit hours, a minimum cumulative GPA of 3.30, and at least a 3.30 cumulative GPA in upper-level accounting and finance courses at Ithaca College, candidates may be initiated as student members into the Mu Alpha chapter of Beta Alpha Psi. Degree-seeking graduate students focusing on accounting or finance also shall be eligible for membership.

Beta Gamma Sigma

Lifetime membership in Beta Gamma Sigma is the highest recognition a business student anywhere in the world can receive in a business program accredited by AACSB International. Founded in 1913, the mission of Beta Gamma Sigma is to encourage and honor academic achievement in the study of business and to foster personal and professional excellence in the practice of business. Undergraduate 2nd semester sophomores in Accounting or Business Administration who have completed 30 credits at Ithaca College, 18 credits in Business and Economics, and who rank in the top 7.5% of their class will be invited to membership. Juniors and seniors who rank in the top 10% percent of their class who have completed 30 credits in the School of Business will also be invited. Master's candidates must rank in the upper 20 percent of their graduating class in order to be eligible for induction. Candidates must also be of good moral character.

Students are encouraged to seek additional information about these programs from the dean's office.

Minors

A minor is a course of study that introduces a field and provides modest depth into its subject matter. Students should take care to satisfy all prerequisites and to note other information in the catalog pertaining to sequences of courses, class standing, and regulations of other schools.

MINORS FOR SCHOOL OF BUSINESS MAJORS

The School of Business has designed its degree programs to provide substantial flexibility. Open and liberal arts electives allow students to pursue breadth and depth in other units of the College, or with the business analytics or entrepreneurship minor. Students are strongly encouraged to develop a plan of study with their academic advisers early in their college careers to accomplish academic and professional goals. Students interested in a minor should contact the department of interest to determine the application process. Accounting and business administration majors may not minor in accounting, business, finance, international business, management, or marketing, but business administration majors may elect to have more than one concentration.

MINORS FOR NON-BUSINESS MAJORS

Undergraduate students who are neither accounting nor business administration majors may choose from the minors offered by the school of business. In cases where there are overlapping courses between a student’s major and minor, the student must complete a minimum of 12 unique credits to satisfy the requirements of the minor. In a few cases of significant overlap, a student may be prohibited from declaring a minor. See specific minors for more information.

Majors

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- Business Analytics Minor (p. 278)
- Entrepreneurship & Innovation Minor (p. 278)
- Finance Minor (p. 279)
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Integrative Core Curriculum

The Integrative Core Curriculum (ICC) is Ithaca College’s liberal education program, which contributes, along with students’ curricular experiences in the major, elective offerings, and out-of-class experiences, to achieving the College’s expectation that Ithaca College graduates should become integrative thinkers, critical and analytical problem solvers, and reflective learners. To achieve these expectations, students completing the ICC will:

1. Address a topic, issue, problem area, or human challenge using a combination of concepts, theories, and/or methods from multiple perspectives or fields of study;

2. Apply concepts, theories, methods, or skills to analyze new questions or complex problems
3. Engage in and communicate self-reflection about their learning in the Integrative Core Curriculum, their chosen major discipline, and their overall Ithaca College experience

Requirements of the ICC

Code	Title	Credits
	Ithaca Seminar	4
Themes and Perspective Courses		12
	Creative Arts (CA)	
	Humanities (HM)	
	Natural Sciences (NS)	
	Social Sciences (SO)	
Complimentary Liberal Arts		
	Counted and noted ICC-LA in Major Requirements	
Additional Requirements		9-10
	Math Competency or MATH 10000	
	WRTG 10600 Academic Writing I	
	Diversity (DV)	
	Writing Intensive (WI)	
	Quantitative Literacy (QL) Counted and noted ICC-QL in Major Requirements for Business Administration and Accounting	
	ICC Capstone (CP) Counted and noted ICC-CP in Major Requirements	
	E-Portfolio completion	
Total Credits		25-26

Academic Policies

High School Preparation for Accounting and Business Administration Majors

We strongly recommend that, in addition to the college preparatory courses necessary for admission to Ithaca College, students take at least three years of mathematics in high school. Algebra should be taken at the highest level possible. The more preparation obtained at the high school level, the more readily students can adapt to the quantitative aspects of the business education of today and the business world of tomorrow.

Satisfactory/D/Fail Option

Typically, no ACCT, BINT, FINA, GBUS, INTB, MGMT, MKTG, or SMGT course may be taken on an S/D/F basis by accounting and business majors or minors. (Business courses taken as open electives above and beyond required courses may be taken S/D/F with approval of the Dean.) Moreover, neither STCM 24100 (<http://catalog.ithaca.edu/search/?P=STCM%2024100>) nor STCM 23200 (<http://catalog.ithaca.edu/search/?P=STCM%2023200>) may be taken S/D/F by business majors or minors because these courses are considered business electives for business students. Non-business courses required for a major or minor cannot be taken on an S/D/F basis.

The following categories of courses may be taken S/D/F by accounting and business majors:

- ICC Themes & Perspectives and Diversity courses;
- open non-business liberal arts electives;
- approved international liberal arts electives (by accounting majors, international business certificate students, and international business concentrators); open electives that are not business courses;
- and internships (which are offered pass/fail only).

All other courses must be taken for a letter grade.

Students enrolled in the international business certificate program should note the S/D/F stipulations for that program. The foreign language and international business/economics courses may not be taken on an S/D/F basis. A maximum of two courses in the area studies/international relations track may be taken on an S/D/F basis.

Application of Courses to More than One Concentration or Minor

Business Administration majors may use a course to satisfy degree requirements in more than one business concentration or minor as long as they complete 12 unique credits in each concentration/minor. Similarly, if a program of study outside the School of Business requires a business course, students majoring in that subject may also apply the business course toward a business major, concentration, or minor.

Academic Advising

Faculty Advising

Facilitating student growth and learning is a priority for business school faculty and staff. Each student who is a business school major is assigned a faculty adviser to assist with progress toward completing their major requirements and to serve as a resource for exploring interests and career goals. It is strongly recommended that business school majors meet with their advisers at least twice each semester, once at the beginning of the semester and again during the advising period before online registration for the following semester. Students who are business school minors are assigned to a faculty adviser in the School of Business in addition to their major adviser.

Professional and Peer Advising

Student Services Team & Academic Services Coordinator

The Student Services desk is staffed by team of highly-trained students and overseen by the Academic Services Coordinator. The Student Services Team (SST) is available on a drop-in basis to help students with HomerConnect, academic forms, curriculum and prerequisites, mapping out a plan to graduation, and the Professions Program requirements. The Academic Services Coordinator oversees student records and degree progress for students in the School of Business, offers prescriptive advising to students, and serves as a resource to faculty advisors on degree requirements and program planning.

Peer Advising Program

Peer advisers are students trained in academic policies and procedures and in skills to help first-year students in matters relating to academic programs. Each year a selection process is conducted for interested and competent students. The availability of this service encourages students

to view advising as an ongoing process that involves more than just registering for a course.

Dean's List

In order to earn a place on the dean's list in the School of Business, students must satisfy all of the following criteria:

1. a minimum semester grade point average of 3.50;
2. completion of a minimum of 15 credits, of which at least 12 are graded (not pass/fail or Satisfactory/D/F option); and
3. no final grades of D, F, or I.

Accounting

The accounting curriculum prepares students for a range of careers in accounting and serves as an excellent background for graduate studies and law school. Students develop strong communication, interpersonal, and problem-solving capabilities while learning to apply theoretical concepts and use accounting data, along with other analytical measurements, for decision making. Many challenging positions are available for students with accounting backgrounds.

Majors & Minors

- Accounting Major — B.S. (p. 264)
- Accounting Minor (p. 265)

Subjects on this page include: Accounting (ACCT) (p. 255), Business - Interdisciplinary Studies (BINT) (p. 257), Finance (FINA) (p. 258), General Business (GBUS) (p. 260), Management (MGMT) (p. 260), and Marketing (MKTG) (p. 263).

Accounting (ACCT)

ACCT 1000 Fundamentals of Federal Income Taxation of Individuals (NLA)

An introduction to the issues encountered in personal income taxation. This course will present a practical approach that will prepare students to participate in the volunteer income tax preparation program and to prepare their own tax returns; credits earned in this course will not count toward an accounting degree requirement. This is a block I course. Prerequisites: BINT 10100 or MGMT 11100; not open to students with junior or senior standing. (IRR)

Attributes: SL

1.5 Credits

ACCT 10100 Service Learning Tax Practicum (NLA)

A supervised work experience in tax return preparation at the basic level for the Ithaca College and surrounding community. Students must successfully pass the IRS VITA (Volunteer Income Tax Assistance) tax preparer exam at the basic level; credits earned in this course will not count toward an accounting degree. This is a block I-only course. Prerequisites: ACCT 10000; not open to students with junior or senior standing. (IRR)

Attributes: SL

1.5 Credits

ACCT 10300-10305 Minicourses in Accounting (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)

1.5 Credits

ACCT 22400 Reporting and Decision Making in Integrated Marketing Communication (NLA)

Theory and procedures used to gather financial information and to present formal financial statements of a business enterprise. Emphasis on analyzing decision-making situations and the use of quantitative techniques used in financial and managerial accounting. Prerequisites: STCM 10300; sophomore standing. Enrollment limited to CMD and IMC majors. (Y)

3 Credits

ACCT 22500 Financial Accounting (NLA)

Introduction to the basic measurement and reporting concepts underlying the accounting system for communicating financial information to users external to the organization and to internal managers. Topics include information processing, preparation of financial statements, the role of ethics in accounting decisions, analysis of financial data, and valuation and reporting issues for assets, liabilities, stockholders' equity, revenues, and expenses. Projects require team activities and written reports. Prerequisites: One course in Business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT or Sophomore standing. (F-S,Y)

Attributes: UND

3 Credits

ACCT 22600 Management Accounting (NLA)

Study of the uses of accounting information in managerial decision making, planning, and control within the firm. Areas examined are cost estimation; budgets; short-, intermediate-, and long-term planning; product costing; and special reports for managerial use. Emphasizes the uses of accounting outputs in the decision-making process rather than the concepts and methodology of accumulating accounting information. Projects include the use of basic computerized spreadsheets.

Prerequisites: ACCT 22500. (F-S,Y)

3 Credits

ACCT 31500 Cost Analysis and Decision Making (NLA)

A study of various cost systems, theories, and models of cost and revenue behavior. The course focuses on cost management, cost analysis, and both structured and unstructured decision making with cost information. Product costing and the interface with the financial reporting system will also be covered. Prerequisites: ACCT 22600; junior standing. (S,Y)

3 Credits

ACCT 32000 Accounting Information Systems (NLA)

Acquaints students with the functions, design, implementation, and documentation of information systems. The general topic of information systems, focusing on accounting applications (both financial and managerial), is covered. Extended coverage of transaction processing, internal controls, and computer security. Prerequisites: COMP 11000 or COMP 17100; ACCT 22600; junior standing. (IRR)

3 Credits

ACCT 34500 Intermediate Accounting I (NLA)

This course covers essential topics related to balance sheet valuation and income measurement. Includes an overview of generally accepted accounting principles, financial statements, cash, accounts receivable, inventories, operating assets, current and long-term liabilities, cash flows, and revenue recognition. Prerequisites: ACCT 22500; sophomore standing. (F,Y)

3 Credits

ACCT 34600 Intermediate Accounting II (NLA)

This course is a continuation of ACCT 34500 Intermediate Accounting I. It covers complex topics related to balance sheet valuation and income measurement and includes both topical coverage and reporting considerations. Students are expected to deal with detailed pronouncements and the advanced concepts in Intermediate Accounting, such as accounting for pensions, income taxes, earnings per share, and accounting changes. Reporting issues and requirements are also covered. Prerequisite: ACCT 34500 and sophomore standing. (S,Y)

3 Credits

ACCT 39700 Selected Topics in Accounting (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)

1-3 Credits

ACCT 40200 Advanced Accounting (NLA)

In-depth analytical study of special problems in financial accounting. Continuous emphasis is placed on the relationship between theory and practice to reflect the latest professional pronouncements. Highly technical topics related to corporation, partnership, government, and not-for-profit organizations, including consolidation, branch and consignment, reorganization and liquidation, foreign transactions, and essentials of accounting for governmental and not-for-profit organizations.

Prerequisites: ACCT 34600. (IRR)

Attributes: UND

3 Credits

ACCT 40600 Auditing (NLA)

Theory of independent examinations of financial statements. Discussion of relationships with clients; working papers; audit procedures, including evaluations of internal control; accounting principles; preparation of reports; accountant's liability; and professional ethics. Prerequisites: ACCT 34500; junior standing. (F,Y)

3 Credits

ACCT 49300 Tax Accounting (NLA)

Introductory course in taxation covering structure of present tax law; bases for income tax computations; and concepts of gross income, adjusted gross income, deductions, exemptions, and credits. Emphasis is on tax questions and problems relating to individuals. A student may not receive credit for both this course and ACCT 31100. Prerequisites: ACCT 22500; junior standing. (F,Y)

3 Credits

ACCT 49400 Advanced Tax Accounting (NLA)

Advanced study of income tax provisions relating to individuals, corporations, and partnerships. Sophisticated tax provisions, such as corporate liquidations, capital charges, stock options, and pension plans. Solutions to complex tax problems through use of a tax service; practical experience in locating applicable code sections, regulations, IRS rulings, and court decisions; class presentations. Prerequisites: ACCT 49300; junior standing. (IRR)
Attributes: UND
3 Credits

ACCT 49600 Practicum in Tax Accounting (NLA)

Supervised work experience in tax return preparation and tax advocacy that mirrors tax practice in accounting firms. Students undertake an intensive course preparing tax forms for individuals and must successfully pass the IRS VITA volunteer tax preparer exam. Students then are responsible for maintaining the professional requirements of the established tax practice. Tax returns are computerized and electronically filed. Students and faculty utilizing collaborative learning strategies provide tax advocacy and disseminate information to taxpayers who have English as a second language. Professional skills are emphasized. Prerequisites: ACCT 49300 or junior standing with instructor permission. (S,Y)
Attributes: SL
3 Credits

ACCT 49700 Selected Topics: Accounting (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)
1-3 Credits

ACCT 49800 Internship with Academic Enhancement (NLA)

Off-campus experience involving varied, nonroutine work projects designed to allow students to synthesize academic theory with real-world operations of an organization. Primary responsibility is on the student to develop a project proposal and then carry out its requirements in conjunction with a faculty sponsor. Internship credit falls under the business elective category in the degree requirements. A maximum of may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Prerequisites: Senior standing; completion of appropriate principles course; a minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W)
1-6 Credits

ACCT 49900 Independent Study: Accounting (NLA)

This course allows students to work with faculty on an individual basis, focusing on a topic of interest to both the student and faculty. The content of the course, coverage, delivery format, and the method of determining grades will be mutually agreed upon and must be included in the course proposal submitted along with the independent study form for approval by the dean. Guidelines are available in the School of Business dean's office. A variable amount of credit may be earned toward the degree. Students must have a 3.00 cumulative grade point average and must have completed at least in the subject matter. Prerequisites: Dean permission. (B,IRR,U,Y)
1-3 Credits

Business - Interdisciplinary Studies (BINT)

BINT 10000 First-Year Seminar in Business (NLA)

Links the challenges faced by first-year college students with similar demands in business settings. Students learn that many of the issues they face individually in transition from high school to college have parallels to those faced in business organizations. Topics covered include time management, goal setting, learning styles, communication skills, and resource utilization, among others. Open to first-year business students only. (F,Y)
1 Credit

BINT 10100 World of Business (NLA)

Surveys the functional areas of business – finance, accounting, human resources, production, marketing, and international business – and reviews the socioeconomic, political, and legal factors that influence business decisions in a global economy. In addition, the course links the challenges faced by first-year college students with similar demands on management in business settings. Topics covered include time management, goal setting, stress management, career development, and other topics related to student and career success. Open to first-year students in business and first-year exploratory majors only. A student may not receive credit for this course and MGMT 11100 if taken at Ithaca College. (F,Y)
3 Credits

BINT 10400 Informational Interview (NLA)

This program allows students to explore a career path of interest by conducting an interview with a professional. The student is expected to contact an individual within their selected profession and conduct and interview based on questions provided by the Business-Link Professions Program. Upon completion of the interview, students will write up a reflection and submit it to the Business-Link Professions Program office for review and grading. Open to first and second year business students only. This course is offered in block I and II. Prerequisites: Business-Link Professions Workshop 1, completion of School of Business Informational Interview application and Permission of Instructor. Pass/fail only. (F,S, SUM, W)
0 Credit

BINT 19800 Internship for Credit (NLA)

Off-campus experience involving varied, non-routine work designed to allow students to learn about realworld operations of an organization. Pass/fail only. (F, S, SUM, W)
1-6 Credits

BINT 19900 Washington, D.C. Practicum (NLA)

Off-campus experience in Washington, D.C., involving varied nonroutine work projects that allow students to synthesize classroom learning with on-the-job learning acquired by working in an organization. The program puts primary responsibility on the student to carry out program requirements in conjunction with a faculty sponsor. Prerequisites: BINT 10100; sophomore standing; minimum of 2.50 cumulative grade point average at Ithaca College. Credits may only be used as open elective credits and may not be used as business elective credit or to replace other business coursework. Pass/fail only. (F-S,Y)
3-6 Credits

BINT 20400 Career Exploration (NLA)

This off-campus experience gives students more insight into their desired profession through a 30 hour job shadowing experience by providing them an opportunity to observe daily functions of the organization and to interview staff in order to learn various aspects of the organization. Upon conclusion, a reflection must be submitted to the Business-Link Professions Program Office for review and grading. Open to first and second year business students only. This course is offered in block I and II. Prerequisites: Business-Link Professions Workshop 2; BINT 10400; completion of School of Business Career Exploration application and permission of instructor. Pass/fail only. (F,S,U,W)
0 Credit

BINT 21000 Boom, Bust and the American Economic Cycle (LA)

This introductory survey course will look at the historical developments in the U.S. economy with special focus on the role of capital markets and financial services industry, from the 1930s to the present. We will critically examine such crucial events as stock markets collapses, major legislations governing the operations of financial markets & institutions, and milestones like the Great Recession and the Subprime Lending Crisis. The common thread throughout the course is to identify and analyze the interrelationship of myriad political, regulatory, economic, technological, global, and socio-psychological forces that have shaped the boom and bust cycles in the US economy. Various viewpoints focusing on the practical aspects of enforcement, social welfare through consumer protection, political roadblocks, and campaign finance reform will be evaluated. Prerequisite: Sophomore Standing. (F,S)
Attributes: SO, TWOS
3 Credits

BINT 39800 Internship for Credit (NLA)

Off-campus experience involving varied, non-routine work designed to allow students to learn about realworld operations of an organization. Prerequisites: Junior Standing; good academic standing; completion of Business-Link Professions Workshops 1,2,3; School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W)
1-6 Credits

BINT 40400 Business Link Professions Program (NLA)

The Business-Link Professions Program integrates the professional development activities required of Accounting and Business Administration majors. The program enables business students to develop professional skills that are needed for successful careers. Throughout their time as majors, students complete a series of four theme-based workshops conducted by business school staff, faculty, alumni and/or employers, and one leadership certificate program, either leading-others or leadership-in-a-diverse-world. Successful completion of this course indicates the BLPP graduation requirement has been met. Pre-requisite: Senior standing. Accounting and Business Administration majors only. (P/F only). (F, S, SU)
0 Credit

Economics (ECON)

Finance(FINA)

FINA 10301 Fun with Investments (NLA)

Mini-course covering the fundamentals of investing, particularly in equities and fixed-income securities. Basic concepts and principles of investing, security pricing, and risk vs return. (B,F,S,Y)
1.5 Credits

FINA 10302 Minicourses in Finance (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)
1.5 Credits

FINA 10400-10402 Mini-courses in Finance (NLA)

Block courses on current topics of interest to faculty and students. Prerequisites: As appropriate to topics; This course is not available to students who are currently enrolled in, or who have successfully completed FINA 32100. (Y)
1.5 Credits

FINA 12500 Introduction to Personal Finance (NLA)

A basic personal finance course, dealing with various aspects of individual financial decision making. Introduces financial investments, including stocks, bonds, and mutual funds and an overview of the individual income tax system. The fundamentals of personal financial statements, financing home and auto purchases, retirement planning, estate management, and insurance are also covered. Enrollment limited to non-business students. (Y)
3 Credits

FINA 20300 Financial Markets and Institutions (NLA)

A broad introduction to the structure and operation of the U.S. financial system through examination of the major financial institutions, markets, and instruments that compose it. Emphasis is on the functions and interrelationships of these elements and on identifying various government institutions and regulations overseeing the system. Prerequisites: ECON 12100. (F,S,Y)
3 Credits

FINA 20400-20402 Mini-courses in Finance (NLA)

Block courses on current topics of interest to faculty and students. Prerequisites: As appropriate to topics; This course is not available to students who are currently enrolled in, or who have successfully completed FINA 32100. (IRR)
1.5 Credits

FINA 21000 Personal Financial Planning and Wealth Management (NLA)

The main goal of this course is to provide students with a foundation needed to make important decisions that affect their short- and long-term financial well-being as well as introduce students to concepts relevant to the Wealth Management profession. Students will learn the basic concepts and their applications through several delivery methods, which may include: self-analysis, case studies, and interactive web-based tools. Prerequisites: BINT 10100. (F,S,Y)
3 Credits

FINA 30400-30402 Mini-courses in Finance (NLA)

Block courses on current topics of interest to faculty and students. Prerequisites: As appropriate to topics. (IRR)
1.5 Credits

FINA 31100 Business Finance (NLA)

Foundations of financial theory and techniques of financial decision making; time value of money; bond and stock valuation; ratio analysis; financing decisions; capital budgeting; cost of capital; capital structure; risk and return; dividend policy; operating and financial leverage; working capital management. Prerequisites: ECON 12100 and ACCT 22500. (F-S,Y)
3 Credits

FINA 31500 Real Estate Finance (NLA)

Financing of residential properties (types of loans, underwriting, appraisal, and closing; analysis of income-producing properties), cash-flow identification, tax implications, leverage, and valuation, real estate investment performance, sources of real-estate funding, secondary mortgage markets, and the role of government policies. Prerequisites: FINA 31100; junior standing. (IRR)

3 Credits

FINA 31700 Insurance and Risk Management (NLA)

Study of risk and the risk management process with a major focus on insurance as a risk management tool. Legal principles, institutional aspects, and international issues. Business and personal risk management and government insurance. Corequisites: FINA 31100; junior standing. (IRR)

3 Credits

FINA 32100 Security Analysis and Portfolio Management (NLA)

In-depth study of the techniques used to analyze securities and portfolios. Risk and return trade-off; asset allocation; portfolio selection; diversification; capital asset pricing model; efficient market hypothesis; fixed income securities and equity valuation models; duration; derivative assets. Prerequisites: FINA 31100. (F,S,Y)

3 Credits

FINA 37000 International Finance (NLA)

Study of the conceptual and practical aspects of international finance through in-depth analysis of international financial markets, exchange rate determination, and exchange rate risk exposure and management. Concentration on working capital management and international capital budgeting strategy. Students develop an understanding of the dynamic relationship between exchange rates and fundamental economic variables. Prerequisites: FINA 31100; junior standing. (S,Y)

3 Credits

FINA 37500 Fixed Income Analysis and Portfolio Management (NLA)

The primary purpose of this course is to introduce the basic concepts of fixed income investing as well as various fixed income instruments. Topics covered include: Bond math, the yield curve, fixed income risk management, as well as the role of the economy and interest rates. Students will also work in teams and identify securities to invest in as part of the Fixed Income Portfolio. Prerequisites: FINA 31100. (S,Y)

3 Credits

FINA 38000 Equity Portfolio Management (NLA)

Equity Portfolio Management aims to provide students with the fundamental groundwork needed to manage equity investments in a portfolio setting. Students will learn the necessary skill set through a mixture of managing an actual equity portfolio combined with a focus on business cycles, sector analysis, estimating expected risk and return metrics, and finally equity evaluation. Prerequisites: FINA 32100. (F-S, Y)

3 Credits

FINA 39700 Selected Topics: Finance (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)

1-3 Credits

FINA 40400-40402 Mini-courses in Finance (NLA)

Block courses on current topics of interest to faculty and students.

Prerequisites: As appropriate to topics. (IRR)

1.5 Credits

FINA 40500 Wealth Management (NLA)

The study of wealth management draws on course work from various disciplines. Topics may include fiduciary responsibility, investments, risk and insurance, taxation, and business and property law. Wealth management involves customized and sophisticated solutions dependent on the net-worth and financial objectives of the investor household. Students learn to formulate and implement appropriate plans for the accumulation, conservation and transfer of a client's personal wealth, dependent on specific client situations. Prerequisites: FINA 21000; FINA 32100. (F,Y)

3 Credits

FINA 41900 Speculative Markets (NLA)

In-depth analysis of options and option markets. Review of put and call options, option pricing formulas, and option strategies. Discussion of new developments such as interest rate options and options on future contracts. Second half focuses on the futures market, pricing the commodity futures and financial futures, and optimal hedging strategies based on futures. Prerequisites: FINA 31100; FINA 32100; junior standing. (IRR)

3 Credits

FINA 42000 Alternative Asset Management (NLA)

Teaches advanced finance students about the Alternative Investment Industry as well as the products and investments used in this area of investment. In depth analysis will be performed to fully evaluate such vehicles as hedge funds, private equity, commodities, and real estate. Prerequisites: FINA 32100. (F,S,Y)

3 Credits

FINA 47000 Financial Analysis and Forecasting (NLA)

An advanced finance elective that examines applied financial research and analysis in great depth. Topics covered include advanced financial analysis including ratio analysis, valuation methods, discount rates, as well as econometric techniques applied to financial research and forecasting. TSP, an econometric software, is used in some homeworks and project. Prerequisites: FINA 32100; senior standing. (IRR)

3 Credits

FINA 48000 Advanced Business Finance (NLA)

A capstone course in finance that combines theories of financial management with practical application through case analysis. Financial theories with respect to risks and returns, capital structure and cost of capital, optimal capital budget, short- and long-term financing decisions, and other topics concerning multinational financial management.

Students may be required to write and present analyses of cases in the class. Prerequisites: FINA 32100. (F,Y)

3 Credits

FINA 49700-49702 Selected Topics in Finance (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)

Attributes: UND

1-3 Credits

FINA 49800 Internship with Academic Enhancement (NLA)

Off-campus experience involving varied, nonroutine work projects designed to allow students to synthesize academic theory with real-world operations of an organization. Primary responsibility is on the student to develop a project proposal and then carry out its requirements in conjunction with a faculty sponsor. Internship credit falls under the business elective category in the degree requirements. A maximum of may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Prerequisites: Senior standing; completion of appropriate principles course; a minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W)
1-6 Credits

FINA 49900 Independent Study: Finance (NLA)

This course allows students to work with faculty on an individual basis, focusing on a topic of interest to both the student and faculty. The content of the course, coverage, delivery format, and the method of determining grades will be mutually agreed upon and must be included in the course proposal submitted along with the independent study form for approval by the dean. Guidelines are available in the School of Business dean's office. A variable amount of credit may be earned toward the degree. Students must have a 3.00 cumulative grade point average and must have completed at least in the subject matter. Prerequisites: Dean permission. (B, IRR, U, Y)
1-3 Credits

General Business (GBUS)

GBUS 20300 Legal Environment of Business I (NLA)

Introduction to the American legal system and the legal environment in which businesses operate. Topics covered include the judicial process; constitutional law and issues of discrimination and diversity; criminal law; intentional torts and negligence; product liability; the law of contracts; and selected current topics in law. Emphasis is on case analysis, including the social, ethical, political, and economic considerations of the impact of law on business and society. Emphasis is also placed on the application of legal concepts to solve problems. Prerequisite: Sophomore standing. (F-S, Y)
3 Credits

GBUS 20400 Legal Environment of Business II (NLA)

Continuation of GBUS 20300 Legal Environment of Business. This course focuses on business organizations and the regulation of business. Topics covered include agency and issues in employment law, forms of business organizations, partnerships, corporations, securities regulation, environmental law, antitrust law, corporate social responsibility, the Uniform Commercial Code, debtor-creditor relations, and selected current topics in law. Emphasis is on case analysis, including the social, ethical, political, and economic considerations of the impact of law on business and society. Emphasis is also placed on the application of legal concepts to solve problems. Prerequisites: GBUS 20300; sophomore standing. A student cannot receive credit for both GBUS 20400 and GBUS 30700. (S, Y)
3 Credits

GBUS 30700 Commercial Law (NLA)

In-depth analysis of the commercial law. Topics include Uniform Commercial Code (UCC) Article 2: sales contracts and risk of loss issues; Article 3: negotiable instruments and the holder-in-due-course doctrine; Article 6: bulk transfers; Article 9: secured transactions; bankruptcy; creditor and debtor rules; mortgages; liens; principals and agents; antitrust legislation; special corporation topics, such as LBOs and insider trading; liability of corporate officers and directors; and ethical considerations. Prerequisites: GBUS 20300; junior standing. Previously titled Business Law II (Accounting). A student may not receive credit for both GBUS 30700 and GBUS 20400. (S, Y)
3 Credits

GBUS 31000 International Business Law (NLA)

An analysis of commercial law in an international context. Topics covered include major national and international trade regulations; international sales, credits, and commercial transactions; resolution processes for international disputes; U.S. trade law; import and export laws; GATT; and the regulation of the international marketplace. Emphasis is on the application of legal concepts to solve problems. Prerequisites: GBUS 20300; junior standing. (S, Y)
Attributes: LMAL
3 Credits

Management (MGMT)

MGMT 10300 Minicourses in Management (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)
1.5 Credits

MGMT 10301 Minicourses in Mgmt (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)
1.5 Credits

MGMT 10302 Minicourses in Management (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)
1.5 Credits

MGMT 10303 Minicourses in Mgmt (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)
1.5 Credits

MGMT 10304 Management Minicourse: Women in Business (NLA)

This course includes lectures, readings and guest speakers, which will help us to explore present-day findings of women in corporate and entrepreneurial settings. Topics will include current research of women in business, leadership development, family/life balance, mentorship, network influence and ultimately gender differences in the workplace. Open only to Business Administration majors. (IRR)
Attributes: WGS
1.5 Credits

MGMT 10305 Minicourse in Management (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)

1.5 Credits

MGMT 11100 Introduction to Business (NLA)

Overview of the world of business, its management, and its economic, political, and social environment. Particular note is taken of the areas of finance, accounting, personnel, production/operations, marketing/sales, and their interdependence. Not available to declared business majors. (Y)

3 Credits

MGMT 20600 Organizational Behavior and Management (NLA)

Study of characteristics and processes of individuals, groups, and organizations that affect behavior within an organization. Attention is also given to the roles, functions, and principles of management. This survey course provides theoretical concepts and practical applications that focus on improving an individual's effectiveness within an organization. Prerequisites: Two courses in business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT), or ECON; or sophomore standing. (F-S,Y)

3 Credits

MGMT 21300 Hidden Entrepreneurs (NLA)

Hidden Entrepreneurs is the study of unique and unexpected entrepreneurs and how their entrepreneurial spirit helps drive American business at so many levels. Unwinding the general public's modern-day conception of "entrepreneurs", this course focuses on a variety of businesses and business people that embody the concept of entrepreneurship in different ways and forms. Some entrepreneurs are groups within larger companies, while some are in government agencies. Some are unexpected and each one is unique - yet all bonded together by a common passion. (S,Y)

3 Credits

MGMT 21400 Startup Tactics: From Accounting to Zoning, Tactical Considerations When Starting a New Company (NLA)

Study the tactics for running a new business venture's day to day activities in an interactive, hands-on way. Learn how to incorporate a business, raise money, hire a lawyer, run a board meeting, do a marketing campaign, negotiate a contract, hire and fire employees, and many more skills. Understand how to execute on the actions necessary for a well-run startup to set and achieve its goals. (S,Y)

3 Credits

MGMT 22500 Business Models and the Art of Profitability (NLA)

Learn the design and economic drivers for over 30 unique business models, and how to identify them when you learn about a new company. Develop the capability to understand what business model a company is currently using, and how to assess whether they should modify their business model. Discuss and debate business model similarities and difference in an interactive classroom environment. (F,Y)

3 Credits

MGMT 23000 Entrepreneurial Innovation (NLA)

Learn how to generate ideas for a new business venture. Once that list of great business ideas is created, analyze and validate which idea is most worthy of pursuing. Succinctly communicate this validated business idea in order to attract customers, investors, partners, and employees. The class is hands-on and real world focused. As has happened in past semesters, students will go on to launch real companies. Prerequisites: CMST 11000 or CMST 11500 (may be taken concurrently). (F,Y)

3 Credits

MGMT 23500 Ideas into Action: Launching your Business Idea (NLA)

Launch your own entrepreneurial business by applying the best practices in starting new companies to your business idea. Learn the methodology of how to do quality Customer Discovery to best understand your customer's needs, and then design a business model for how to best succeed. Plan and communicate your business model in a business pitch to experienced and successful alumni and community entrepreneurs.

Prerequisites: MGMT 23000. (S,Y)

3 Credits

MGMT 26000 Business Analytics and Technology (NLA)

Introduces the student to information systems concepts and principles and the role systems play in business management. The focus is on problem solving techniques using the spreadsheet tool. Students enhance their spreadsheet knowledge and abilities to the advanced intermediate level and learn introductory concepts and skills in business intelligence. Students are required to take the Microsoft Excel Certification Exam. Prerequisites: MATH 14400 or MATH 14500 or PSYC 20700. (F-S,Y)

3 Credits

MGMT 29800 ITHACON: Promoting and Managing Conventions (NLA)

The course will use the creation, implementation, and assessment of the long-running, annual pop culture ITHACON event to help students learn about trade shows and conventions. Students will be exposed to event studies theory and techniques and be provided with a unique hands-on experience. The course will also focus on analysis and advance planning for the next iteration. Students will also learn about the entrepreneurial world of entertainment, publishing, and pop culture. (S,Y)

3 Credits

MGMT 30200 Applied Ethical Issues in Management (LA)

Examines concepts, issues, and tools related to the management of business ethics in organizations. Analysis of ethical problems and application of a process of moral decision making to ethical problems in business. Examination of ethical, social, and political issues confronting modern organizations from internal and external stakeholders' viewpoints. Prerequisites: Three courses in Business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT), with at least one course at the 20000-level. (Y)

3 Credits

MGMT 30500 Data-Driven Management Decisions (NLA)

Managers are frequently given business advice whose validity is seldom questioned. This course sheds light on this process by helping students develop solid analytic practices using data from surveys and interviews. The goal is to improve students' ability in assessing the quality of knowledge derived from management research. Students evaluate the validity of managerial reports, learn to exercise caution in accepting research conclusions, get experience with basic analytic techniques, and craft stories based on data they have analyzed. Prerequisites: MGMT 20600; MATH 14400, MATH 14500, or PSYC 20700. (S)

3 Credits

MGMT 31200 Leadership and Collaboration (LA)

This course focuses on the nature of leadership and power dynamics in modern organizations. This course develops students' abilities to create and use sources of power and to create a climate for leadership and change. In addition, the course provides a survey of methods to sustain and develop both personal and organizational power, including the network-building and conflict-handling skills needed to manage the increasingly pluralistic interests found in organizations. This course develops students' abilities to motivate human resources, facilitate team building, and guide organizational change. Prerequisites: MGMT 20600 or both PSYC 31600 and PSYC 33400. (F,Y)

3 Credits

MGMT 34000 Human Resource Management (NLA)

This survey course provides an overview of human resource policies and procedures within the context of managerial decision making in organizations. Primary topics include human resource planning and analysis, equal employment opportunity, staffing, human resource development, compensation and benefits, health and safety, and labor-management relations. Prerequisites: Three courses in business or social sciences; junior standing. (Y)

3 Credits

MGMT 34500 Operations Management (NLA)

An introduction to the operations function in business for managing the resources (including people, facilities, inventories, processes, and systems) that create value (in the form of a product or a service) for an organization. The qualitative and quantitative aspects of managing a supply chain will be covered through topics such as product/process design, quality management, inventory control, and scheduling. Students will use computer technology and library resources to analyze issues, often in teams. Prerequisites: MATH 10400, MATH 10700, MATH 10800, or MATH 11100; MGMT 26000 (may be taken concurrently). (F,S,Y)

3 Credits

MGMT 36500 Intermediate Business Analytics (NLA)

Provides the background and skills necessary to analyze data, including big data, in support of decision making in the business environment. The following topics will be covered: foundations of business analytics, descriptive analytics, predictive analytics, and prescriptive analytics. Computer-based tools will be incorporated throughout the course and selected for their applicability to business applications, but the analytical foundation will be the spreadsheet and, to a lesser extent, the database. Students will develop expertise in database technology to the point at which forms and reports can be created and generated, and advanced spreadsheet technologies to include use of dashboards. Prerequisites: MGMT 26000. (S, Y)

3 Credits

MGMT 39100 Managing for Sustainability (NLA)

Examines the challenge of maintaining sustainable business strategies while meeting the needs of various stakeholders. Will investigate various models of business sustainability and how to integrate sustainability concerns into managerial functions. Prerequisites: MGMT 20600. (IRR)

3 Credits

MGMT 39700-39705 Selected Topics in Management (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)

Attributes: UND

1-3 Credits

MGMT 39706 ST: Management (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)

1-3 Credits

MGMT 42100 Strategic Management (NLA)

Deals with upper-level management skills and attitudes as they encompass all basic business fields. Stresses the integration of the various disciplines studied and the opportunity to develop managerial decision-making abilities. Students will utilize professional communication and teamwork skills. Open only to students in the School of Business. Prerequisites: ACCT 22600; MGMT 20600; FINA 31100; MKTG 31200; MGMT 30200; MGMT 34500. (F,S,Y)

Attributes: CP

3 Credits

MGMT 45100 Small Business Seminar I (NLA)

Introduction to the concepts and principles of small business management. Case study analysis will lead to practical understanding and application of management concepts. Prerequisites: Upper-level standing, permission of instructor. (F,IRR)

3 Credits

MGMT 46000 Leading Organizational Change (NLA)

Capstone course for the management concentration. In-depth examination of the nature, strategies, models, and intervention activities associated with planned change efforts for organizational improvement. Students build on previous knowledge of organizational structure and processes through independent readings and research, culminating in a challenging team-consulting experience in an ongoing organization. Prerequisites: MGMT 31000 or MGMT 31200, management elective from approved list; senior standing. (S,Y)

3 Credits

MGMT 48100 Advanced Decision Making with Analytics (NLA)

Course provides a multidisciplinary perspective on analytics, applying a wide range of techniques in diverse settings. Students will employ basic statistical tools (tabulation, hypothesis testing, correlation) in a variety of new applications as well as some new tools used for prediction (decision trees, neural networks, logistic regression) and clustering. All content and exercises will be based on large data sets ("big data") and use appropriate state-of-the-art software for data analysis. Emphasis will also be placed on visualization and reporting results. Prerequisites: MATH 24600; MGMT 36500. (S,Y)

3 Credits

MGMT 49600 Negotiations (NLA)

Negotiation is the science of securing agreements between two or more interdependent parties. The central issues of this course deal with understanding the behavior and relationships of managers, departments/units, and organizations in a business setting. The course is designed to build a negotiation skill-set that can be applied to a broad set of situations in organizations. In this light, a range of cooperative and competitive situations will be examined. A basic premise of the course is that while you need analytic skills to discover optimal solutions to problems, a broad array of skills are needed for these solutions to be accepted and implemented. The course will allow participants the opportunity to develop these skills experientially and to understand useful analytic frameworks. Considerable emphasis will be placed on simulations, role plays, and cases. Prerequisites: Junior standing. (S,Y)

3 Credits

MGMT 49700-49704 Selected Topics in Management (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)
1-3 Credits

MGMT 49714 ST: Management (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)
1-3 Credits

MGMT 49800 Internship with Academic Enhancement (NLA)

Off-campus experience involving varied, nonroutine work projects designed to allow students to synthesize academic theory with real-world operations of an organization. Primary responsibility is on the student to develop a project proposal and then carry out its requirements in conjunction with a faculty sponsor. Internship credit falls under the business elective category in the degree requirements. A maximum of may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Prerequisites: Senior standing; completion of appropriate principles course; a minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W)
1-6 Credits

MGMT 49900 Independent Study: Management (NLA)

This course allows students to work with faculty on an individual basis, focusing on a topic of interest to both the student and faculty. The content of the course, coverage, delivery format, and the method of determining grades will be mutually agreed upon and must be included in the course proposal submitted along with the independent study form for approval by the dean. Guidelines are available in the School of Business dean's office. A variable amount of credit may be earned toward the degree. Students must have a 3.00 cumulative grade point average and must have completed at least in the subject matter. Prerequisites: Dean permission. (B,F,S,IRR,U,Y)
1-3 Credits

Marketing (MKTG)

MKTG 10300-10303 Minicourses in Marketing (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: as appropriate to topics; not open to students with junior or senior standing. (IRR)
1.5 Credits

MKTG 31000 Quantitative Methods in Business (NLA)

A study of quantitative tools used in solving business problems. Statistical quality control and decision models, regression methods, linear programming, and CPM- and PERT-type models. Using computers to solve problems is an important aspect. Prerequisites: MATH 14400 or PSYC 20700; junior standing. (IRR)
3 Credits

MKTG 31200 Principles of Marketing (NLA)

Study of concepts, activities, and decisions related to the exchange process, management of the marketing mix, and development of marketing strategy for profit and not-for-profit organizations. Addresses the sociocultural, legal and regulatory, technological, economic, ethical, political, and social responsibility dimensions to marketing in the global environment. Prerequisites: Three courses in business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT) or STCM, with at least one course at the 20000-level, or junior standing. (F,S,Y)
3 Credits

MKTG 32300 Consumer Behavior (NLA)

Study of consumer behavior variables and their impact on marketing. Includes consumer behavior models, motivation, perception, attitudes, and the influences of family, society, and culture. Prerequisites: MKTG 31200. (F,S,Y)
3 Credits

MKTG 32500 Sales and Sales Promotion (NLA)

Examines the roles of personal selling and sales promotion in an organization's integrated marketing communications (IMC) mix. Students will learn how sales and sales promotion work together and with other IMC tools (advertising, publicity) to accomplish marketing strategies. Students will gain knowledge of traditional and cutting-edge consumer and trade promotions, as well as personal selling tactics and techniques. Prerequisites: MKTG 31200; junior standing. (Y)
3 Credits

MKTG 38000 International Marketing (NLA)

Focus on marketing management problems, techniques, and strategies necessary to incorporate the marketing concept into the world marketplace. A multidisciplinary approach creates a broad understanding of the subject matter. Concepts from economics, political science, anthropology, sociology, management, and marketing are integrated. Readings include text plus journal and magazine articles. Prerequisites: MKTG 31200; junior standing. (F-S,Y)
3 Credits

MKTG 39700 Selected Topics: Marketing (NLA)

Topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics; junior standing. (IRR)
1-3 Credits

MKTG 41100 Marketing Analytics (NLA)

Introduction to analysis of data related to marketing decisions, including program data in marketing information systems and project data collected through primary research. Includes both analysis of existing databases and the most common and practical problems associated with collecting and analyzing new data. Emphasis is on both qualitative methods and quantitative methods. Computer assignments require students to apply latest software packages. Prerequisites: MATH 14400 or MATH 14500 or PSYC 20700 or TVR 26300 or STCM 28800; MKTG 31200; junior standing. (F-S,Y)
3 Credits

MKTG 44400 Services Marketing (NLA)

This course will introduce students to the issues and problems unique to the marketing of services. Topics include relationship marketing, the seven P's of service delivery, complaint management and recovery, service guarantees, measures of customer satisfaction, managing the moment of truth, servicescapes, employee empowerment, blueprinting services, and managing overall service strategy. Prerequisite: MKTG 31200. (IRR)
3 Credits

MKTG 48600 Senior Seminar in Marketing (NLA)

A capstone course for marketing majors, challenging them to identify and apply appropriate marketing concepts gained through earlier coursework. Specifically, the student is required to analyze actual and hypothetical marketing situations and react to or solve marketing problems by demonstrating an understanding of the marketing concept, mix, and strategy, as well as a strategic perspective. Prerequisites: MKTG 31200; MKTG 32300; MKTG 41100; senior standing. (S,Y)
3 Credits

MKTG 49100 Digital Marketing (NLA)

This course provides a thorough overview of marketing concepts and strategies for the digital age. Students will gain an understanding of the paradigm changes in marketing and the impact of digital communication technologies. By combining theory and practice, students will learn strategies and develop skills in using new media tools to achieve marketing objectives. Prerequisites: MKTG 31200; junior standing. (F,S,Y)
3 Credits

MKTG 49700 ST: Marketing (NLA)

Topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Prerequisites: MKTG 31200; junior standing. (IRR)
1-3 Credits

MKTG 49708 Selected Topics: Marketing (NLA)

Topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Prerequisites: MKTG 31200; junior standing. (IRR)
1-3 Credits

MKTG 49800 Internship with Academic Enhancement (NLA)

Off-campus experience involving varied, nonroutine work projects designed to allow students to synthesize academic theory with real-world operations of an organization. Primary responsibility is on the student to develop a project proposal and then carry out its requirements in conjunction with a faculty sponsor. Internship credit falls under the business elective category in the degree requirements. A maximum of may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Prerequisites: Senior standing; completion of appropriate principles course; a minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W)
1-6 Credits

MKTG 49900 Independent Study: Marketing (NLA)

This course allows students to work with faculty on an individual basis, focusing on a topic of interest to both the student and faculty. The content of the course, coverage, delivery format, and the method of determining grades will be mutually agreed upon and must be included in the course proposal submitted along with the independent study form for approval by the dean. Guidelines are available in the School of Business dean's office. A variable amount of credit may be earned toward the degree. Students must have a 3.00 cumulative grade point average and must have completed at least in the subject matter. Prerequisites: Dean permission. (B,F,S,IRR,U,Y)
1-3 Credits

Accounting Major — B.S.

For students interested in pursuing careers as certified public accountants, the School of Business also offers an M.S. in accounting. Students may receive a B.S. in accounting after four years of study and an M.S. in accounting after their fifth year of study. Admission

to the M.S. in accounting is separate from admission to the B.S. in accounting. The B.S. in accounting degree is not a registered licensure qualifying program in New York state. The M.S. in accounting degree, however, is registered with the New York State Education Department as a licensure qualifying program.

Summary

Code	Title	Credits
	Business Core & Accounting Major	68
	Integrative Core Curriculum ¹	25-26
	Liberal Arts electives	14-15
	Open electives	12
Total Credits		120

¹ See Integrative Core Curriculum requirements. (p. 254)

Degree Requirements

Code	Title	Credits
Business Core		
BINT 10100	World of Business	3
BINT 10400	Informational Interview	0
BINT 20400	Career Exploration	0
BINT 40400	Business Link Professions Program	0
ECON 12100	Principles of Macroeconomics (ICC-CLA)	3
ECON 12200	Principles of Microeconomics (ICC-CLA)	3
Select one of the following (ICC-CLA):		4
MATH 10400	Finite Mathematics with Calculus	
MATH 10800	Applied Calculus	
MATH 11100	Calculus I	
Select one of the following (ICC-CLA):		4
MATH 14400	Statistics for Business, Economics and Management	
MATH 14500	Statistics for the Health, Life, and Social Sciences	
PSYC 20700	Statistics in Psychology	
ACCT 22500	Financial Accounting	3
ACCT 22600	Management Accounting	3
GBUS 20300	Legal Environment of Business I	3
MGMT 20600	Organizational Behavior and Management	3
MGMT 26000	Data Analytics I	3
FINA 31100	Business Finance	3
MGMT 30200	Applied Ethical Issues in Management	3
MGMT 34500	Operations Management	3
MKTG 31200	Principles of Marketing	3
MGMT 42100	Strategic Management (ICC CP)	3
Accounting Major		
ACCT 31500	Cost Analysis and Decision Making	3
ACCT 34500	Intermediate Accounting I	3
ACCT 34600	Intermediate Accounting II	3
ACCT 40600	Auditing	3
ACCT 49300	Tax Accounting	3
Select one of the following:		3

ACCT 49600	Practicum in Tax Accounting	
ACCT 49800	Internship with Academic Enhancement	
GBUS 30700	Commercial Law	3
Total Credits		68

Accounting Minor

The accounting minor provides an opportunity for non-business undergraduates considering Ithaca College's M.S. in accounting to fulfill many of the prerequisites for that program while exploring their interest in the accounting profession. It also provides future business owners with the necessary background to manage the financial aspects of their business. This minor is not available to students pursuing a B.S. in business administration or accounting.

Code	Title	Credits
Required Courses		
ACCT 22500	Financial Accounting	3
ACCT 22600	Management Accounting	3
ACCT 34500	Intermediate Accounting I	3
ACCT 31500	Cost Analysis and Decision Making	3
Accounting Electives		
Select two of the following:		6
ACCT 49300	Tax Accounting	
ACCT 34600	Intermediate Accounting II	
ACCT 40600	Auditing	
Total Credits		18

Business Administration

The bachelor of science program in business administration provides significantly more flexibility than traditional programs for business majors. A strong liberal arts and business education prepares students for business careers and graduate study, while allowing a substantial amount of elective freedom for individual interests.

Requirements for the bachelor of science degree in business administration include completion of a core business curriculum, liberal arts courses, open electives, and at least one area of concentration: corporate accounting, finance, international business, management, marketing, sport management, or sport marketing.

Minors for School of Business Majors

The School of Business has designed its degree programs to provide substantial flexibility. Open and liberal arts electives allow students to pursue breadth and depth in other units of the College. Students are strongly encouraged to develop a plan of study with their academic advisers early in their college careers to accomplish academic and professional goals. Students interested in a minor should contact the department of interest to determine the application process. Accounting and business administration majors may not minor in accounting, business, finance, international business, management, or marketing, but business administration majors may elect to have more than one concentration.

Majors, Minors, & Certificates

- Business Administration Major — B.S. (p. 275)
- Business Minor (p. 278)

- Business Analytics Minor (p. 278)
- Entrepreneurship & Innovation Minor (p. 278)
- Finance Minor (p. 279)
- International Business Studies Minor (p. 279)
- Marketing Minor (p. 279)
- Pre-MBA Minor (p. 279)
- Certificate in International Business (p. 279)

Subjects on this page include: Accounting (ACCT) (p. 265), Business - Interdisciplinary Studies (BINT) (p. 267), Finance (FINA) (p. 268), General Business (GBUS) (p. 270), Management (MGMT) (p. 270), Marketing (MKTG) (p. 273), and Sport Management (SMGT).

Accounting (ACCT)

ACCT 10000 Fundamentals of Federal Income Taxation of Individuals (NLA)

An introduction to the issues encountered in personal income taxation. This course will present a practical approach that will prepare students to participate in the volunteer income tax preparation program and to prepare their own tax returns; credits earned in this course will not count toward an accounting degree requirement. This is a block I course.

Prerequisites: BINT 10100 or MGMT 11100; not open to students with junior or senior standing. (IRR)

Attributes: SL

1.5 Credits

ACCT 10100 Service Learning Tax Practicum (NLA)

A supervised work experience in tax return preparation at the basic level for the Ithaca College and surrounding community. Students must successfully pass the IRS VITA (Volunteer Income Tax Assistance) tax preparer exam at the basic level; credits earned in this course will not count toward an accounting degree. This is a block I-only course.

Prerequisites: ACCT 10000; not open to students with junior or senior standing. (IRR)

Attributes: SL

1.5 Credits

ACCT 10300-10305 Minicourses in Accounting (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)

1.5 Credits

ACCT 22400 Reporting and Decision Making in Integrated Marketing Communication (NLA)

Theory and procedures used to gather financial information and to present formal financial statements of a business enterprise. Emphasis on analyzing decision-making situations and the use of quantitative techniques used in financial and managerial accounting. Prerequisites: STCM 10300; sophomore standing. Enrollment limited to CMD and IMC majors. (Y)

3 Credits

ACCT 22500 Financial Accounting (NLA)

Introduction to the basic measurement and reporting concepts underlying the accounting system for communicating financial information to users external to the organization and to internal managers. Topics include information processing, preparation of financial statements, the role of ethics in accounting decisions, analysis of financial data, and valuation and reporting issues for assets, liabilities, stockholders' equity, revenues, and expenses. Projects require team activities and written reports. Prerequisites: One course in Business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT or Sophomore standing. (F-S,Y)

Attributes: UND

3 Credits

ACCT 22600 Management Accounting (NLA)

Study of the uses of accounting information in managerial decision making, planning, and control within the firm. Areas examined are cost estimation; budgets; short-, intermediate-, and long-term planning; product costing; and special reports for managerial use. Emphasizes the uses of accounting outputs in the decision-making process rather than the concepts and methodology of accumulating accounting information. Projects include the use of basic computerized spreadsheets.

Prerequisites: ACCT 22500. (F-S,Y)

3 Credits

ACCT 31500 Cost Analysis and Decision Making (NLA)

A study of various cost systems, theories, and models of cost and revenue behavior. The course focuses on cost management, cost analysis, and both structured and unstructured decision making with cost information. Product costing and the interface with the financial reporting system will also be covered. Prerequisites: ACCT 22600; junior standing. (S,Y)

3 Credits

ACCT 32000 Accounting Information Systems (NLA)

Acquaints students with the functions, design, implementation, and documentation of information systems. The general topic of information systems, focusing on accounting applications (both financial and managerial), is covered. Extended coverage of transaction processing, internal controls, and computer security. Prerequisites: COMP 11000 or COMP 17100; ACCT 22600; junior standing. (IRR)

3 Credits

ACCT 34500 Intermediate Accounting I (NLA)

This course covers essential topics related to balance sheet valuation and income measurement. Includes an overview of generally accepted accounting principles, financial statements, cash, accounts receivable, inventories, operating assets, current and long-term liabilities, cash flows, and revenue recognition. Prerequisites: ACCT 22500; sophomore standing. (F,Y)

3 Credits

ACCT 34600 Intermediate Accounting II (NLA)

This course is a continuation of ACCT 34500 Intermediate Accounting I. It covers complex topics related to balance sheet valuation and income measurement and includes both topical coverage and reporting considerations. Students are expected to deal with detailed pronouncements and the advanced concepts in Intermediate Accounting, such as accounting for pensions, income taxes, earnings per share, and accounting changes. Reporting issues and requirements are also covered. Prerequisite: ACCT 34500 and sophomore standing. (S,Y)

3 Credits

ACCT 39700 Selected Topics in Accounting (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)

1-3 Credits

ACCT 40200 Advanced Accounting (NLA)

In-depth analytical study of special problems in financial accounting. Continuous emphasis is placed on the relationship between theory and practice to reflect the latest professional pronouncements. Highly technical topics related to corporation, partnership, government, and not-for-profit organizations, including consolidation, branch and consignment, reorganization and liquidation, foreign transactions, and essentials of accounting for governmental and not-for-profit organizations.

Prerequisites: ACCT 34600. (IRR)

Attributes: UND

3 Credits

ACCT 40600 Auditing (NLA)

Theory of independent examinations of financial statements. Discussion of relationships with clients; working papers; audit procedures, including evaluations of internal control; accounting principles; preparation of reports; accountant's liability; and professional ethics. Prerequisites: ACCT 34500; junior standing. (F,Y)

3 Credits

ACCT 49300 Tax Accounting (NLA)

Introductory course in taxation covering structure of present tax law; bases for income tax computations; and concepts of gross income, adjusted gross income, deductions, exemptions, and credits. Emphasis is on tax questions and problems relating to individuals. A student may not receive credit for both this course and ACCT 31100. Prerequisites: ACCT 22500; junior standing. (F,Y)

3 Credits

ACCT 49400 Advanced Tax Accounting (NLA)

Advanced study of income tax provisions relating to individuals, corporations, and partnerships. Sophisticated tax provisions, such as corporate liquidations, capital charges, stock options, and pension plans. Solutions to complex tax problems through use of a tax service; practical experience in locating applicable code sections, regulations, IRS rulings, and court decisions; class presentations. Prerequisites: ACCT 49300; junior standing. (IRR)

Attributes: UND

3 Credits

ACCT 49600 Practicum in Tax Accounting (NLA)

Supervised work experience in tax return preparation and tax advocacy that mirrors tax practice in accounting firms. Students undertake an intensive course preparing tax forms for individuals and must successfully pass the IRS VITA volunteer tax preparer exam. Students then are responsible for maintaining the professional requirements of the established tax practice. Tax returns are computerized and electronically filed. Students and faculty utilizing collaborative learning strategies provide tax advocacy and disseminate information to taxpayers who have English as a second language. Professional skills are emphasized. Prerequisites: ACCT 49300 or junior standing with instructor permission. (S,Y)

Attributes: SL

3 Credits

ACCT 49700 Selected Topics: Accounting (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)

1-3 Credits

ACCT 49800 Internship with Academic Enhancement (NLA)

Off-campus experience involving varied, nonroutine work projects designed to allow students to synthesize academic theory with real-world operations of an organization. Primary responsibility is on the student to develop a project proposal and then carry out its requirements in conjunction with a faculty sponsor. Internship credit falls under the business elective category in the degree requirements. A maximum of may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Prerequisites: Senior standing; completion of appropriate principles course; a minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W)

1-6 Credits

ACCT 49900 Independent Study: Accounting (NLA)

This course allows students to work with faculty on an individual basis, focusing on a topic of interest to both the student and faculty. The content of the course, coverage, delivery format, and the method of determining grades will be mutually agreed upon and must be included in the course proposal submitted along with the independent study form for approval by the dean. Guidelines are available in the School of Business dean's office. A variable amount of credit may be earned toward the degree. Students must have a 3.00 cumulative grade point average and must have completed at least in the subject matter. Prerequisites: Dean permission. (B,IRR,U,Y)

1-3 Credits

Business - Interdisciplinary Studies (BINT)

BINT 10000 First-Year Seminar in Business (NLA)

Links the challenges faced by first-year college students with similar demands in business settings. Students learn that many of the issues they face individually in transition from high school to college have parallels to those faced in business organizations. Topics covered include time management, goal setting, learning styles, communication skills, and resource utilization, among others. Open to first-year business students only. (FY)

1 Credit

BINT 10100 World of Business (NLA)

Surveys the functional areas of business – finance, accounting, human resources, production, marketing, and international business – and reviews the socioeconomic, political, and legal factors that influence business decisions in a global economy. In addition, the course links the challenges faced by first-year college students with similar demands on management in business settings. Topics covered include time management, goal setting, stress management, career development, and other topics related to student and career success. Open to first-year students in business and first-year exploratory majors only. A student may not receive credit for this course and MGMT 11100 if taken at Ithaca College. (FY)

3 Credits

BINT 10400 Informational Interview (NLA)

This program allows students to explore a career path of interest by conducting an interview with a professional. The student is expected to contact an individual within their selected profession and conduct and interview based on questions provided by the Business-Link Professions Program. Upon completion of the interview, students will write up a reflection and submit it to the Business-Link Professions Program office for review and grading. Open to first and second year business students only. This course is offered in block I and II. Prerequisites: Business-Link Professions Workshop 1, completion of School of Business Informational Interview application and Permission of Instructor. Pass/fail only. (F,S, SUM, W)

0 Credit

BINT 19800 Internship for Credit (NLA)

Off-campus experience involving varied, non-routine work designed to allow students to learn about realworld operations of an organization. Pass/fail only. (F, S, SUM, W)

1-6 Credits

BINT 19900 Washington, D.C. Practicum (NLA)

Off-campus experience in Washington, D.C., involving varied nonroutine work projects that allow students to synthesize classroom learning with on-the-job learning acquired by working in an organization. The program puts primary responsibility on the student to carry out program requirements in conjunction with a faculty sponsor. Prerequisites: BINT 10100; sophomore standing; minimum of 2.50 cumulative grade point average at Ithaca College. Credits may only be used as open elective credits and may not be used as business elective credit or to replace other business coursework. Pass/fail only. (F-S,Y)

3-6 Credits

BINT 20400 Career Exploration (NLA)

This off-campus experience gives students more insight into their desired profession through a 30 hour job shadowing experience by providing them an opportunity to observe daily functions of the organization and to interview staff in order to learn various aspects of the organization. Upon conclusion, a reflection must be submitted to the Business-Link Professions Program Office for review and grading. Open to first and second year business students only. This course is offered in block I and II. Prerequisites: Business-Link Professions Workshop 2; BINT 10400; completion of School of Business Career Exploration application and permission of instructor. Pass/fail only. (F,S,U,W)

0 Credit

BINT 21000 Boom, Bust and the American Economic Cycle (LA)

This introductory survey course will look at the historical developments in the U.S. economy with special focus on the role of capital markets and financial services industry, from the 1930s to the present. We will critically examine such crucial events as stock markets collapses, major legislations governing the operations of financial markets & institutions, and milestones like the Great Recession and the Subprime Lending Crisis. The common thread throughout the course is to identify and analyze the interrelationship of myriad political, regulatory, economic, technological, global, and socio-psychological forces that have shaped the boom and bust cycles in the US economy. Various viewpoints focusing on the practical aspects of enforcement, social welfare through consumer protection, political roadblocks, and campaign finance reform will be evaluated. Prerequisite: Sophomore Standing. (FS)

Attributes: SQ, TWOS

3 Credits

BINT 39800 Internship for Credit (NLA)

Off-campus experience involving varied, non-routine work designed to allow students to learn about realworld operations of an organization. Prerequisites: Junior Standing; good academic standing; completion of Business-Link Professions Workshops 1,2,3; School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W)
1-6 Credits

BINT 40400 Business Link Professions Program (NLA)

The Business-Link Professions Program integrates the professional development activities required of Accounting and Business Administration majors. The program enables business students to develop professional skills that are needed for successful careers. Throughout their time as majors, students complete a series of four theme-based workshops conducted by business school staff, faculty, alumni and/or employers, and one leadership certificate program, either leading-others or leadership-in-a-diverse-world. Successful completion of this course indicates the BLPP graduation requirement has been met. Pre-requisite: Senior standing. Accounting and Business Administration majors only. (P/F only). (F, S, SU)
0 Credit

Finance(FINA)

FINA 10301 Fun with Investments (NLA)

Mini-course covering the fundamentals of investing, particularly in equities and fixed-income securities. Basic concepts and principles of investing, security pricing, and risk vs return. (B,F,S,Y)
1.5 Credits

FINA 10302 Minicourses in Finance (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)
1.5 Credits

FINA 10400-10402 Mini-courses in Finance (NLA)

Block courses on current topics of interest to faculty and students. Prerequisites: As appropriate to topics; This course is not available to students who are currently enrolled in, or who have successfully completed FINA 32100. (Y)
1.5 Credits

FINA 12500 Introduction to Personal Finance (NLA)

A basic personal finance course, dealing with various aspects of individual financial decision making. Introduces financial investments, including stocks, bonds, and mutual funds and an overview of the individual income tax system. The fundamentals of personal financial statements, financing home and auto purchases, retirement planning, estate management, and insurance are also covered. Enrollment limited to non-business students. (Y)
3 Credits

FINA 20300 Financial Markets and Institutions (NLA)

A broad introduction to the structure and operation of the U.S. financial system through examination of the major financial institutions, markets, and instruments that compose it. Emphasis is on the functions and interrelationships of these elements and on identifying various government institutions and regulations overseeing the system. Prerequisites: ECON 12100. (F,S,Y)
3 Credits

FINA 20400-20402 Mini-courses in Finance (NLA)

Block courses on current topics of interest to faculty and students. Prerequisites: As appropriate to topics; This course is not available to students who are currently enrolled in, or who have successfully completed FINA 32100. (IRR)
1.5 Credits

FINA 21000 Personal Financial Planning and Wealth Management (NLA)

The main goal of this course is to provide students with a foundation needed to make important decisions that affect their short- and long-term financial well-being as well as introduce students to concepts relevant to the Wealth Management profession. Students will learn the basic concepts and their applications through several delivery methods, which may include: self-analysis, case studies, and interactive web-based tools. Prerequisites: BINT 10100. (F,S,Y)
3 Credits

FINA 30400-30402 Mini-courses in Finance (NLA)

Block courses on current topics of interest to faculty and students. Prerequisites: As appropriate to topics. (IRR)
1.5 Credits

FINA 31100 Business Finance (NLA)

Foundations of financial theory and techniques of financial decision making; time value of money; bond and stock valuation; ratio analysis; financing decisions; capital budgeting; cost of capital; capital structure; risk and return; dividend policy; operating and financial leverage; working capital management. Prerequisites: ECON 12100 and ACCT 22500. (F-S,Y)
3 Credits

FINA 31500 Real Estate Finance (NLA)

Financing of residential properties (types of loans, underwriting, appraisal, and closing; analysis of income-producing properties), cash-flow identification, tax implications, leverage, and valuation, real estate investment performance, sources of real-estate funding, secondary mortgage markets, and the role of government policies. Prerequisites: FINA 31100; junior standing. (IRR)
3 Credits

FINA 31700 Insurance and Risk Management (NLA)

Study of risk and the risk management process with a major focus on insurance as a risk management tool. Legal principles, institutional aspects, and international issues. Business and personal risk management and government insurance. Corequisites: FINA 31100; junior standing. (IRR)
3 Credits

FINA 32100 Security Analysis and Portfolio Management (NLA)

In-depth study of the techniques used to analyze securities and portfolios. Risk and return trade-off; asset allocation; portfolio selection; diversification; capital asset pricing model; efficient market hypothesis; fixed income securities and equity valuation models; duration; derivative assets. Prerequisites: FINA 31100. (F,S,Y)
3 Credits

FINA 37000 International Finance (NLA)

Study of the conceptual and practical aspects of international finance through in-depth analysis of international financial markets, exchange rate determination, and exchange rate risk exposure and management. Concentration on working capital management and international capital budgeting strategy. Students develop an understanding of the dynamic relationship between exchange rates and fundamental economic variables. Prerequisites: FINA 31100; junior standing. (S,Y)
3 Credits

FINA 37500 Fixed Income Analysis and Portfolio Management (NLA)

The primary purpose of this course is to introduce the basic concepts of fixed income investing as well as various fixed income instruments. Topics covered include: Bond math, the yield curve, fixed income risk management, as well as the role of the economy and interest rates. Students will also work in teams and identify securities to invest in as part of the Fixed Income Portfolio. Prerequisites: FINA 31100. (S,Y) 3 Credits

FINA 38000 Equity Portfolio Management (NLA)

Equity Portfolio Management aims to provide students with the fundamental groundwork needed to manage equity investments in a portfolio setting. Students will learn the necessary skill set through a mixture of managing an actual equity portfolio combined with a focus on business cycles, sector analysis, estimating expected risk and return metrics, and finally equity evaluation. Prerequisites: FINA 32100. (F-S, Y) 3 Credits

FINA 39700 Selected Topics: Finance (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR) 1-3 Credits

FINA 40400-40402 Mini-courses in Finance (NLA)

Block courses on current topics of interest to faculty and students. Prerequisites: As appropriate to topics. (IRR) 1.5 Credits

FINA 40500 Wealth Management (NLA)

The study of wealth management draws on course work from various disciplines. Topics may include fiduciary responsibility, investments, risk and insurance, taxation, and business and property law. Wealth management involves customized and sophisticated solutions dependent on the net-worth and financial objectives of the investor household. Students learn to formulate and implement appropriate plans for the accumulation, conservation and transfer of a client's personal wealth, dependent on specific client situations. Prerequisites: FINA 21000; FINA 32100. (F,Y) 3 Credits

FINA 41900 Speculative Markets (NLA)

In-depth analysis of options and option markets. Review of put and call options, option pricing formulas, and option strategies. Discussion of new developments such as interest rate options and options on future contracts. Second half focuses on the futures market, pricing the commodity futures and financial futures, and optimal hedging strategies based on futures. Prerequisites: FINA 31100; FINA 32100; junior standing. (IRR) 3 Credits

FINA 42000 Alternative Asset Management (NLA)

Teaches advanced finance students about the Alternative Investment Industry as well as the products and investments used in this area of investment. In depth analysis will be performed to fully evaluate such vehicles as hedge funds, private equity, commodities, and real estate. Prerequisites: FINA 32100. (F,S,Y) 3 Credits

FINA 47000 Financial Analysis and Forecasting (NLA)

An advanced finance elective that examines applied financial research and analysis in great depth. Topics covered include advanced financial analysis including ratio analysis, valuation methods, discount rates, as well as econometric techniques applied to financial research and forecasting. TSP, an econometric software, is used in some homeworks and project. Prerequisites: FINA 32100; senior standing. (IRR) 3 Credits

FINA 48000 Advanced Business Finance (NLA)

A capstone course in finance that combines theories of financial management with practical application through case analysis. Financial theories with respect to risks and returns, capital structure and cost of capital, optimal capital budget, short- and long-term financing decisions, and other topics concerning multinational financial management. Students may be required to write and present analyses of cases in the class. Prerequisites: FINA 32100. (F,Y) 3 Credits

FINA 49700-49702 Selected Topics in Finance (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR) Attributes: UND 1-3 Credits

FINA 49800 Internship with Academic Enhancement (NLA)

Off-campus experience involving varied, nonroutine work projects designed to allow students to synthesize academic theory with real-world operations of an organization. Primary responsibility is on the student to develop a project proposal and then carry out its requirements in conjunction with a faculty sponsor. Internship credit falls under the business elective category in the degree requirements. A maximum of may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Prerequisites: Senior standing; completion of appropriate principles course; a minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W) 1-6 Credits

FINA 49900 Independent Study: Finance (NLA)

This course allows students to work with faculty on an individual basis, focusing on a topic of interest to both the student and faculty. The content of the course, coverage, delivery format, and the method of determining grades will be mutually agreed upon and must be included in the course proposal submitted along with the independent study form for approval by the dean. Guidelines are available in the School of Business dean's office. A variable amount of credit may be earned toward the degree. Students must have a 3.00 cumulative grade point average and must have completed at least in the subject matter. Prerequisites: Dean permission. (B,IRR,U,Y) 1-3 Credits

General Business (GBUS)

GBUS 20300 Legal Environment of Business I (NLA)

Introduction to the American legal system and the legal environment in which businesses operate. Topics covered include the judicial process; constitutional law and issues of discrimination and diversity; criminal law; intentional torts and negligence; product liability; the law of contracts; and selected current topics in law. Emphasis is on case analysis, including the social, ethical, political, and economic considerations of the impact of law on business and society. Emphasis is also placed on the application of legal concepts to solve problems. Prerequisite: Sophomore standing. (F-S,Y)

3 Credits

GBUS 20400 Legal Environment of Business II (NLA)

Continuation of GBUS 20300 Legal Environment of Business. This course focuses on business organizations and the regulation of business. Topics covered include agency and issues in employment law, forms of business organizations, partnerships, corporations, securities regulation, environmental law, antitrust law, corporate social responsibility, the Uniform Commercial Code, debtor-creditor relations, and selected current topics in law. Emphasis is on case analysis, including the social, ethical, political, and economic considerations of the impact of law on business and society. Emphasis is also placed on the application of legal concepts to solve problems. Prerequisites: GBUS 20300; sophomore standing. A student cannot receive credit for both GBUS 20400 and GBUS 30700. (S,Y)

3 Credits

GBUS 30700 Commercial Law (NLA)

In-depth analysis of the commercial law. Topics include Uniform Commercial Code (UCC) Article 2: sales contracts and risk of loss issues; Article 3: negotiable instruments and the holder-in-due-course doctrine; Article 6: bulk transfers; Article 9: secured transactions; bankruptcy; creditor and debtor rules; mortgages; liens; principals and agents; antitrust legislation; special corporation topics, such as LBOs and insider trading; liability of corporate officers and directors; and ethical considerations. Prerequisites: GBUS 20300; junior standing. Previously titled Business Law II (Accounting). A student may not receive credit for both GBUS 30700 and GBUS 20400. (S,Y)

3 Credits

GBUS 31000 International Business Law (NLA)

An analysis of commercial law in an international context. Topics covered include major national and international trade regulations; international sales, credits, and commercial transactions; resolution processes for international disputes; U.S. trade law; import and export laws; GATT; and the regulation of the international marketplace. Emphasis is on the application of legal concepts to solve problems. Prerequisites: GBUS 20300; junior standing. (S,Y)

Attributes: LMAL

3 Credits

Management (MGMT)

MGMT 10300 Minicourses in Management (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)

1.5 Credits

MGMT 10301 Minicourses in Mgmt (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)

1.5 Credits

MGMT 10302 Minicourses in Management (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)

1.5 Credits

MGMT 10303 Minicourses in Mgmt (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)

1.5 Credits

MGMT 10304 Management Minicourse: Women in Business (NLA)

This course includes lectures, readings and guest speakers, which will help us to explore present-day findings of women in corporate and entrepreneurial settings. Topics will include current research of women in business, leadership development, family/life balance, mentorship, network influence and ultimately gender differences in the workplace. Open only to Business Administration majors. (IRR)

Attributes: WGS

1.5 Credits

MGMT 10305 Minicourse in Management (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: As appropriate to topics; not open to students with junior or senior standing. (IRR)

1.5 Credits

MGMT 11100 Introduction to Business (NLA)

Overview of the world of business, its management, and its economic, political, and social environment. Particular note is taken of the areas of finance, accounting, personnel, production/operations, marketing/sales, and their interdependence. Not available to declared business majors. (Y)

3 Credits

MGMT 20600 Organizational Behavior and Management (NLA)

Study of characteristics and processes of individuals, groups, and organizations that affect behavior within an organization. Attention is also given to the roles, functions, and principles of management. This survey course provides theoretical concepts and practical applications that focus on improving an individual's effectiveness within an organization. Prerequisites: Two courses in business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT), or ECON; or sophomore standing. (F-S,Y)

3 Credits

MGMT 21300 Hidden Entrepreneurs (NLA)

Hidden Entrepreneurs is the study of unique and unexpected entrepreneurs and how their entrepreneurial spirit helps drive American business at so many levels. Unwinding the general public's modern-day conception of "entrepreneurs", this course focuses on a variety of businesses and business people that embody the concept of entrepreneurship in different ways and forms. Some entrepreneurs are groups within larger companies, while some are in government agencies. Some are unexpected and each one is unique - yet all bonded together by a common passion. (S,Y)

3 Credits

MGMT 21400 Startup Tactics: From Accounting to Zoning, Tactical Considerations When Starting a New Company (NLA)

Study the tactics for running a new business venture's day to day activities in an interactive, hands-on way. Learn how to incorporate a business, raise money, hire a lawyer, run a board meeting, do a marketing campaign, negotiate a contract, hire and fire employees, and many more skills. Understand how to execute on the actions necessary for a well-run startup to set and achieve its goals. (S,Y)

3 Credits

MGMT 22500 Business Models and the Art of Profitability (NLA)

Learn the design and economic drivers for over 30 unique business models, and how to identify them when you learn about a new company. Develop the capability to understand what business model a company is currently using, and how to assess whether they should modify their business model. Discuss and debate business model similarities and difference in an interactive classroom environment. (F,Y)

3 Credits

MGMT 23000 Entrepreneurial Innovation (NLA)

Learn how to generate ideas for a new business venture. Once that list of great business ideas is created, analyze and validate which idea is most worthy of pursuing. Succinctly communicate this validated business idea in order to attract customers, investors, partners, and employees. The class is hands-on and real world focused. As has happened in past semesters, students will go on to launch real companies. Prerequisites: CMST 11000 or CMST 11500 (may be taken concurrently). (F,Y)

3 Credits

MGMT 23500 Ideas into Action: Launching your Business Idea (NLA)

Launch your own entrepreneurial business by applying the best practices in starting new companies to your business idea. Learn the methodology of how to do quality Customer Discovery to best understand your customer's needs, and then design a business model for how to best succeed. Plan and communicate your business model in a business pitch to experienced and successful alumni and community entrepreneurs. Prerequisites: MGMT 23000. (S,Y)

3 Credits

MGMT 26000 Business Analytics and Technology (NLA)

Introduces the student to information systems concepts and principles and the role systems play in business management. The focus is on problem solving techniques using the spreadsheet tool. Students enhance their spreadsheet knowledge and abilities to the advanced intermediate level and learn introductory concepts and skills in business intelligence. Students are required to take the Microsoft Excel Certification Exam. Prerequisites: MATH 14400 or MATH 14500 or PSYC 20700. (F-S,Y)

3 Credits

MGMT 29800 ITHACON: Promoting and Managing Conventions (NLA)

The course will use the creation, implementation, and assessment of the long-running, annual pop culture ITHACON event to help students learn about trade shows and conventions. Students will be exposed to event studies theory and techniques and be provided with a unique hands-on experience. The course will also focus on analysis and advance planning for the next iteration. Students will also learn about the entrepreneurial world of entertainment, publishing, and pop culture. (S,Y)

3 Credits

MGMT 30200 Applied Ethical Issues in Management (LA)

Examines concepts, issues, and tools related to the management of business ethics in organizations. Analysis of ethical problems and application of a process of moral decision making to ethical problems in business. Examination of ethical, social, and political issues confronting modern organizations from internal and external stakeholders' viewpoints. Prerequisites: Three courses in Business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT), with at least one course at the 20000-level. (Y)

3 Credits

MGMT 30500 Data-Driven Management Decisions (NLA)

Managers are frequently given business advice whose validity is seldom questioned. This course sheds light on this process by helping students develop solid analytic practices using data from surveys and interviews. The goal is to improve students' ability in assessing the quality of knowledge derived from management research. Students evaluate the validity of managerial reports, learn to exercise caution in accepting research conclusions, get experience with basic analytic techniques, and craft stories based on data they have analyzed. Prerequisites: MGMT 20600; MATH 14400, MATH 14500, or PSYC 20700. (S)

3 Credits

MGMT 31200 Leadership and Collaboration (LA)

This course focuses on the nature of leadership and power dynamics in modern organizations. This course develops students' abilities to create and use sources of power and to create a climate for leadership and change. In addition, the course provides a survey of methods to sustain and develop both personal and organizational power, including the network-building and conflict-handling skills needed to manage the increasingly pluralistic interests found in organizations. This course develops students' abilities to motivate human resources, facilitate team building, and guide organizational change. Prerequisites: MGMT 20600 or both PSYC 31600 and PSYC 33400. (F,Y)

3 Credits

MGMT 34000 Human Resource Management (NLA)

This survey course provides an overview of human resource policies and procedures within the context of managerial decision making in organizations. Primary topics include human resource planning and analysis, equal employment opportunity, staffing, human resource development, compensation and benefits, health and safety, and labor-management relations. Prerequisites: Three courses in business or social sciences; junior standing. (Y)

3 Credits

MGMT 34500 Operations Management (NLA)

An introduction to the operations function in business for managing the resources (including people, facilities, inventories, processes, and systems) that create value (in the form of a product or a service) for an organization. The qualitative and quantitative aspects of managing a supply chain will be covered through topics such as product/process design, quality management, inventory control, and scheduling. Students will use computer technology and library resources to analyze issues, often in teams. Prerequisites: MATH 10400, MATH 10700, MATH 10800, or MATH 11100; MGMT 26000 (may be taken concurrently). (F,S,Y)
3 Credits

MGMT 36500 Intermediate Business Analytics (NLA)

Provides the background and skills necessary to analyze data, including big data, in support of decision making in the business environment. The following topics will be covered: foundations of business analytics, descriptive analytics, predictive analytics, and prescriptive analytics. Computer-based tools will be incorporated throughout the course and selected for their applicability to business applications, but the analytical foundation will be the spreadsheet and, to a lesser extent, the database. Students will develop expertise in database technology to the point at which forms and reports can be created and generated, and advanced spreadsheet technologies to include use of dashboards. Prerequisites: MGMT 26000. (S, Y)
3 Credits

MGMT 39100 Managing for Sustainability (NLA)

Examines the challenge of maintaining sustainable business strategies while meeting the needs of various stakeholders. Will investigate various models of business sustainability and how to integrate sustainability concerns into managerial functions. Prerequisites: MGMT 20600. (IRR)
3 Credits

MGMT 39700-39705 Selected Topics in Management (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)
Attributes: UND
1-3 Credits

MGMT 39706 ST: Management (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)
1-3 Credits

MGMT 42100 Strategic Management (NLA)

Deals with upper-level management skills and attitudes as they encompass all basic business fields. Stresses the integration of the various disciplines studied and the opportunity to develop managerial decision-making abilities. Students will utilize professional communication and teamwork skills. Open only to students in the School of Business. Prerequisites: ACCT 22600; MGMT 20600; FINA 31100; MKTG 31200; MGMT 30200; MGMT 34500. (F,S,Y)
Attributes: CP
3 Credits

MGMT 45100 Small Business Seminar I (NLA)

Introduction to the concepts and principles of small business management. Case study analysis will lead to practical understanding and application of management concepts. Prerequisites: Upper-level standing, permission of instructor. (F,IRR)
3 Credits

MGMT 46000 Leading Organizational Change (NLA)

Capstone course for the management concentration. In-depth examination of the nature, strategies, models, and intervention activities associated with planned change efforts for organizational improvement. Students build on previous knowledge of organizational structure and processes through independent readings and research, culminating in a challenging team-consulting experience in an ongoing organization. Prerequisites: MGMT 31000 or MGMT 31200, management elective from approved list; senior standing. (S,Y)
3 Credits

MGMT 48100 Advanced Decision Making with Analytics (NLA)

Course provides a multidisciplinary perspective on analytics, applying a wide range of techniques in diverse settings. Students will employ basic statistical tools (tabulation, hypothesis testing, correlation) in a variety of new applications as well as some new tools used for prediction (decision trees, neural networks, logistic regression) and clustering. All content and exercises will be based on large data sets ("big data") and use appropriate state-of-the-art software for data analysis. Emphasis will also be placed on visualization and reporting results. Prerequisites: MATH 24600; MGMT 36500. (S,Y)
3 Credits

MGMT 49600 Negotiations (NLA)

Negotiation is the science of securing agreements between two or more interdependent parties. The central issues of this course deal with understanding the behavior and relationships of managers, departments/units, and organizations in a business setting. The course is designed to build a negotiation skill-set that can be applied to a broad set of situations in organizations. In this light, a range of cooperative and competitive situations will be examined. A basic premise of the course is that while you need analytic skills to discover optimal solutions to problems, a broad array of skills are needed for these solutions to be accepted and implemented. The course will allow participants the opportunity to develop these skills experientially and to understand useful analytic frameworks. Considerable emphasis will be placed on simulations, role plays, and cases. Prerequisites: Junior standing. (S,Y)
3 Credits

MGMT 49700-49704 Selected Topics in Management (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)
1-3 Credits

MGMT 49714 ST: Management (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Offered on demand only. Prerequisites: As appropriate to topics; junior standing. (IRR)
1-3 Credits

MGMT 49800 Internship with Academic Enhancement (NLA)

Off-campus experience involving varied, nonroutine work projects designed to allow students to synthesize academic theory with real-world operations of an organization. Primary responsibility is on the student to develop a project proposal and then carry out its requirements in conjunction with a faculty sponsor. Internship credit falls under the business elective category in the degree requirements. A maximum of may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Prerequisites: Senior standing; completion of appropriate principles course; a minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W)
1-6 Credits

MGMT 49900 Independent Study: Management (NLA)

This course allows students to work with faculty on an individual basis, focusing on a topic of interest to both the student and faculty. The content of the course, coverage, delivery format, and the method of determining grades will be mutually agreed upon and must be included in the course proposal submitted along with the independent study form for approval by the dean. Guidelines are available in the School of Business dean's office. A variable amount of credit may be earned toward the degree. Students must have a 3.00 cumulative grade point average and must have completed at least in the subject matter. Prerequisites: Dean permission. (B,F,S,IRR,U,Y)
1-3 Credits

Marketing (MKTG)

MKTG 10300-10303 Minicourses in Marketing (NLA)

Block courses on topics of current interest to faculty and students. May be repeated up to a maximum of three credits with different selected topics. Prerequisites: as appropriate to topics; not open to students with junior or senior standing. (IRR)
1.5 Credits

MKTG 31000 Quantitative Methods in Business (NLA)

A study of quantitative tools used in solving business problems. Statistical quality control and decision models, regression methods, linear programming, and CPM- and PERT-type models. Using computers to solve problems is an important aspect. Prerequisites: MATH 14400 or PSYC 20700; junior standing. (IRR)
3 Credits

MKTG 31200 Principles of Marketing (NLA)

Study of concepts, activities, and decisions related to the exchange process, management of the marketing mix, and development of marketing strategy for profit and not-for-profit organizations. Addresses the sociocultural, legal and regulatory, technological, economic, ethical, political, and social responsibility dimensions to marketing in the global environment. Prerequisites: Three courses in business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT), with at least one course at the 20000-level, or junior standing. (F,S,Y)
3 Credits

MKTG 32300 Consumer Behavior (NLA)

Study of consumer behavior variables and their impact on marketing. Includes consumer behavior models, motivation, perception, attitudes, and the influences of family, society, and culture. Prerequisites: MKTG 31200. (F,S,Y)
3 Credits

MKTG 32500 Sales and Sales Promotion (NLA)

Examines the roles of personal selling and sales promotion in an organization's integrated marketing communications (IMC) mix. Students will learn how sales and sales promotion work together and with other IMC tools (advertising, publicity) to accomplish marketing strategies. Students will gain knowledge of traditional and cutting-edge consumer and trade promotions, as well as personal selling tactics and techniques. Prerequisites: MKTG 31200; junior standing. (Y)
3 Credits

MKTG 38000 International Marketing (NLA)

Focus on marketing management problems, techniques, and strategies necessary to incorporate the marketing concept into the world marketplace. A multidisciplinary approach creates a broad understanding of the subject matter. Concepts from economics, political science, anthropology, sociology, management, and marketing are integrated. Readings include text plus journal and magazine articles. Prerequisites: MKTG 31200; junior standing. (F-S,Y)
3 Credits

MKTG 39700 Selected Topics: Marketing (NLA)

Topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics; junior standing. (IRR)
1-3 Credits

MKTG 41100 Marketing Analytics (NLA)

Introduction to analysis of data related to marketing decisions, including program data in marketing information systems and project data collected through primary research. Includes both analysis of existing databases and the most common and practical problems associated with collecting and analyzing new data. Emphasis is on both qualitative methods and quantitative methods. Computer assignments require students to apply latest software packages. Prerequisites: MATH 14400 or MATH 14500 or PSYC 20700 or TVR 26300 or STCM 28800; MKTG 31200; junior standing. (F-S,Y)
3 Credits

MKTG 44400 Services Marketing (NLA)

This course will introduce students to the issues and problems unique to the marketing of services. Topics include relationship marketing, the seven P's of service delivery, complaint management and recovery, service guarantees, measures of customer satisfaction, managing the moment of truth, servicescapes, employee empowerment, blueprinting services, and managing overall service strategy. Prerequisite: MKTG 31200. (IRR)
3 Credits

MKTG 48600 Senior Seminar in Marketing (NLA)

A capstone course for marketing majors, challenging them to identify and apply appropriate marketing concepts gained through earlier coursework. Specifically, the student is required to analyze actual and hypothetical marketing situations and react to or solve marketing problems by demonstrating an understanding of the marketing concept, mix, and strategy, as well as a strategic perspective. Prerequisites: MKTG 31200; MKTG 32300; MKTG 41100; senior standing. (S,Y)
3 Credits

MKTG 49100 Digital Marketing (NLA)

This course provides a thorough overview of marketing concepts and strategies for the digital age. Students will gain an understanding of the paradigm changes in marketing and the impact of digital communication technologies. By combining theory and practice, students will learn strategies and develop skills in using new media tools to achieve marketing objectives. Prerequisites: MKTG 31200; junior standing. (F,S,Y) 3 Credits

MKTG 49700 ST: Marketing (NLA)

Topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Prerequisites: MKTG 31200; junior standing. (IRR) 1-3 Credits

MKTG 49708 Seleted Topics: Marketing (NLA)

Topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Prerequisites: MKTG 31200; junior standing. (IRR) 1-3 Credits

MKTG 49800 Internship with Academic Enhancement (NLA)

Off-campus experience involving varied, nonroutine work projects designed to allow students to synthesize academic theory with real-world operations of an organization. Primary responsibility is on the student to develop a project proposal and then carry out its requirements in conjunction with a faculty sponsor. Internship credit falls under the business elective category in the degree requirements. A maximum of may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Prerequisites: Senior standing; completion of appropriate principles course; a minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application and permission of instructor. Pass/fail only. (F, S, SUM, W) 1-6 Credits

MKTG 49900 Independent Study: Marketing (NLA)

This course allows students to work with faculty on an individual basis, focusing on a topic of interest to both the student and faculty. The content of the course, coverage, delivery format, and the method of determining grades will be mutually agreed upon and must be included in the course proposal submitted along with the independent study form for approval by the dean. Guidelines are available in the School of Business dean's office. A variable amount of credit may be earned toward the degree. Students must have a 3.00 cumulative grade point average and must have completed at least in the subject matter. Prerequisites: Dean permission. (B,F,S,IRR,U,Y) 1-3 Credits

Sport Management(SMGT)**SMGT 11000 Introduction to Sport Management (NLA)**

Overview of the sport industry, including managerial, legal, social and economic forces that shape organizational decision-making. Theories, trends and best practices in the management of sport organizations are analyzed, with emphasis placed on how the managerial process is related to sport organizations and their products. (F-S,Y) 3 Credits

SMGT 21000 International Sport (LA)

This course provides an analysis of sport in an international context and uses sport as a way to examine the impact of colonization and the influence of western culture on the global community. The economics, history, and culture of each region are explored to understand the different ways that sport impacts individuals and societies around the globe. Students will be introduced to problems/issues faced by international sport managers by analyzing and discussing international sport case studies. Prerequisites: Sophomore standing. (IRR,U,W) Attributes: DV, LAGC, SO, TIDE 3 Credits

SMGT 21500 College Sport (LA)

An exploration for the historical development, various challenges, and current debates surrounding the often-conflicted relationship between athletic departments and the university community. Special emphasis is given to social and culture impact of college sport on athletes, students, fans, families, communities and society. Prerequisites: Sophomore standing. (IRR) 3 Credits

SMGT 22000 Current Issues in Professional Sport (LA)

Exploration of the various elements of the professional sports industry. Students will examine aspects that span the entire industry, as well as study the development and current challenges of the most signification and relevant leagues. Special emphasis is given to social and culture impact of professional sport on athletes, fans, families, communities and society. Prerequisites: Sophomore Standing. (IRR) Attributes: SO, TPJ, TWOS 3 Credits

SMGT 26500 Policy and Governance in Sport Organization (NLA)

Analysis of governance structures and operational activities of professional team-sport leagues, intercollegiate athletics, the Olympic movement, and international sports association. An examination of policy development in various areas of the sport enterprise. Case studies of current sport issues and problems are utilized. Prerequisites: SMGT 11000. (F-S, Y) 3 Credits

SMGT 29200-29202 Selected Topics in Sport Management (NLA)

A series of short courses in specialized areas of sport management. Visiting lecturers and faculty of the school participate in areas of their expertise. Analyses of actual case studies focusing on sport management problems and issues confronted by sport managers helps students in further developing their critical thinking and problem-solving skills. Students conduct independent research in which they analyze a particular management problem/issue (case study), and develop and write strategies to effectively address the management problem/issue. May be repeated for different topics. Prerequisites: SMGT 11000 (IRR) 3 Credits

SMGT 30300 Sport Law I (NLA)

In-depth analysis of the legal issues facing the management of the sports industry, including how law is applied to amateur and professional sports organizations. Topics covered include intentional torts and negligence; gender equity and other forms of discrimination, risk management, and selected current legal issues impacting sport organizations. Emphasis is on management perspectives. Prerequisites: SMGT 11000; GBUS 20300; junior standing. (F-S) 3 Credits

SMGT 31000 Labor Relations in Sport (NLA)

Examination of the development, history, and legal aspects of the labor movement in sport. Discussion of collective bargaining process in sport and the impact that court cases, antitrust law, and arbitration decisions have had on professional sports. Analysis of resolutions to specific labor problems through simulated negotiations. Prerequisites: SMGT 11000 or SMGT 20700; junior standing. (F or S,Y)

3 Credits

SMGT 32600 Sport Marketing and Sales (LA)

Examination of the concepts and principles of promotion as applied to the unique aspects of sport. Analysis of the relationship between sport promotions and public relations strategies that are employed by the sport manager. Students develop promotional strategies and activities that can be applied in real-life sport organizations to enhance the relations efforts of the organization. Prerequisites: SMGT 11000; MKTG 31200; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (F,S)

Attributes: WI

3 Credits

SMGT 33500 Sport Event and Facility Management (NLA)

Develops a student's understanding of the competencies necessary to plan, manage and operate sport, recreation, fitness, and public assembly facilities. Specific topics covered: scheduling; security and supervision; safety and risk management; purchasing and maintenance; marketing and sales; funding of new facilities; sustainability; economic feasibility and revenue sources related to sport facilities. In addition, the conceptual and technical aspects related to the development, operation, and marketing of sport-related events will be addressed in depth to include planning and implementing actual events. Prerequisites: SMGT 11000. (F,S)

3 Credits

SMGT 36500 Sport Economics (LA)

Application of economic theory to the markets of professional and amateur sports. This course applies economic principles to analyze a wide range of issues within the realm of professional sports and intercollegiate athletics. Included are the analysis of labor markets and labor relations, public finance of sports facilities, and the organization of sports institutions. Prerequisites: SMGT 11000; ECON 12100; ECON 12200; junior standing. (F,Y)

3 Credits

SMGT 38500 Advanced Sport Marketing (NLA)

This class provides an intensive analysis of consumer habits and trends, linked with strategies for sport organizations to deliver products and experiences in the marketplace. Students build on previous knowledge of marketing to apply sales techniques to maximize revenue generation. Prerequisites: SMGT 11000; SMGT 32600; junior standing. (IRR)

3 Credits

SMGT 39000 Digital Marketing in Sport (NLA)

This course is designed to develop a student's understanding of how to manage a cross-section of digital channels to market in the sport industry. This course will include the following topics: the utilization of the websites, eCommerce, social, and mobile platforms in sport marketing; the importance of data analysis in digital marketing; the development of a sport organization's multi-dimensional digital presence; interactivity of the branded experience; online customer relations management; and evaluating various digital marketing deliverables. Prerequisites: SMGT 11000; MKTG 31200; SMGT 32600 and junior standing. (IRR)

3 Credits

SMGT 39500 Sponsorship and Promotions in Sport (NLA)

This course focuses on the process of developing, activating, and managing sport sponsorships and related sales promotions. Students will investigate, analyze and apply various strategies to attract and design sponsorship and promotional plans for sport organizations. Evaluation of sponsorship fulfillment, use of e-commerce promotional tools, risk management in promotions delivery, and revenue generation through the sale of sport merchandise, licensing and broadcasting rights will be addressed.

3 Credits

SMGT 39700-39702 Selected Topics in Sport Management (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Prerequisites: Junior standing, and as appropriate to topics. (IRR)

1-3 Credits

SMGT 41000 Contemporary Issues in Sport Management (LA)

This is the capstone course for the sport management concentration, which is an analysis of current issues across the sport industry. This course provides an in-depth look at how sports, sport organizations, and leaders in the sport industry serve power centers in society, and contribute/challenge race, class, age, sexuality, disability, and gender logic in US culture. This course integrates aspects of sport economics, marketing, law, sociology, leadership, and ethics to provide context for future leaders of sport organizations. Special emphasis is given to the implications of ethical managerial decision-making. Prerequisites: SMGT 26500. (F,S,Y)

Attributes: CP, DV

3 Credits

SMGT 41500 Strategic Management in Sport (NLA)

Integrates the various disciplines studied in sports management to develop strategic management plans. Examines strategic positions taken by leaders of actual sport organizations. Provides students opportunities to develop managerial decision-making and leadership skills. Prerequisites: SMGT 11000; SMGT 31500; SMGT 32600; senior standing; sport management concentration. (F,S,Y)

Attributes: CP

3 Credits

SMGT 49800 Internship with Academic Enhancement: Sport Management (NLA)

Supervised work experience in amateur or professional sport agencies and community sport organizations. Student assumes a leadership role in various job-related activities and performs administrative tasks in support of such activities under an experienced agency supervisor and faculty sponsor. Prerequisites: Junior standing; completion of appropriate principles course; minimum cumulative GPA of 2.70; Business-Link Professions Workshops 1,2,3; completion of School of Business internship application; and permission of instructor. Pass/Fail only. (F,S,Sum, W)

1-6 Credits

Business Administration Major – B.S.

Summary

Code	Title	Credits
Business Core		47
Concentration		21-22

Integrative Core Curriculum ¹	25-26
Liberal Arts electives	18-19
Open electives	8-9
Total Credits	120

¹ See Integrative Core Curriculum requirements. (p. 254)

Degree Requirements

Code	Title	Credits
Business Core		
BINT 10100	World of Business	3
BINT 10400	Informational Interview	0
BINT 20400	Career Exploration	0
BINT 40400	Business Link Professions Program	0
ECON 12100	Principles of Macroeconomics (ICC-LA, QL)	3
ECON 12200	Principles of Microeconomics (ICC-LA)	3
Select one of the following (ICC-CLA):		4
MATH 10400	Finite Mathematics with Calculus	
MATH 10800	Applied Calculus	
MATH 11100	Calculus I	
Select one of the following (ICC-LA):		4
MATH 14400	Statistics for Business, Economics and Management	
MATH 14500	Statistics for the Health, Life, and Social Sciences	
PSYC 20700	Statistics in Psychology	
ACCT 22500	Financial Accounting	3
ACCT 22600	Management Accounting	3
GBUS 20300	Legal Environment of Business I	3
MGMT 20600	Organizational Behavior and Management	3
MGMT 26000	Data Analytics I	3
FINA 31100	Business Finance	3
MGMT 30200	Applied Ethical Issues in Management	3
MGMT 34500	Operations Management	3
MKTG 31200	Principles of Marketing	3
MGMT 42100	Strategic Management (ICC-CP)	3
Total Credits		47

Concentration Requirements

Corporate Accounting Concentration

Note: Students interested in sitting for the certified public accountant (CPA) examination should select the five-year option, consisting of the B.S. in accounting and the MS. in accounting. The B.S. in business administration with corporate accounting concentration might not qualify the student to sit for the CPA examination. **The corporate accounting concentration is available only as a second concentration.**

Code	Title	Credits
Course Listing		
ACCT 31500	Cost Analysis and Decision Making	3
ACCT 34500	Intermediate Accounting I	3
ACCT 34600	Intermediate Accounting II	3

Choose 6 Credits from list:	6
ACCT 3xxxx	Any level-3 accounting course
ACCT 4xxxx	Any level-4 accounting course
GBUS 30700	Commercial Law

Approved Electives

Business electives ¹	6
Total Credits	21

¹ Any level-2 or above course offered in the School of Business with the prefix of ACCT, FINA, GBUS, INTB, MKTG, MGMT, or SMGT may serve as business electives; STCM 24100 and STCM 23200 may also serve as business electives.

Finance Concentration: Corporate Finance Track

Code	Title	Credits
Course Listing		
FINA 32100	Security Analysis and Portfolio Management	3
FINA 37000	International Finance	3
FINA 48000	Advanced Business Finance	3
Finance elective	FINA course level 2 or above	3
FINA Mini Courses ¹		3
Business electives ²		6
Total Credits		21

¹ Any mini-course in FINA with 1.5 credits.

² Any level-2 or above course offered in the School of Business with the prefix of ACCT, FINA, GBUS, INTB, MKTG, MGMT, or SMGT may serve as business electives; STCM 24100 and STCM 23200 may also serve as business electives.

Finance Concentration: Asset Management Track

Code	Title	Credits
Course Listing		
FINA 32100	Security Analysis and Portfolio Management	3
FINA 37500	Fixed Income Analysis and Portfolio Management	3
FINA 38000	Equity Portfolio Management	3
FINA 42000	Alternative Asset Management	3
FINA mini courses ¹		3
Business electives ²		6
Total Credits		21

¹ Any mini-course in FINA with 1.5 credits.

² Any level-2 or above course offered in the School of Business with the prefix of ACCT, FINA, GBUS, INTB, MKTG, MGMT, or SMGT may serve as business electives; STCM 24100 and STCM 23200 may also serve as business electives.

Finance Concentration: Wealth Management Track

Code	Title	Credits
Course Listing		
FINA 21000	Personal Financial Planning and Wealth Management	3
FINA 32100	Security Analysis and Portfolio Management	3

MKTG 32500	Sales and Sales Promotion	3
FINA 40500	Wealth Management	3
Finance elective	FINA course level 2 or above	3
FINA mini courses ¹		3
Business electives ²		3
Total Credits		21

¹ Any mini-course in FINA with 1.5 credits.

² Any level-2 or above course offered in the School of Business with the prefix of ACCT, FINA, GBUS, INTB, MKTG, MGMT, or SMGT may serve as business electives; STCM 24100 and STCM 23200 may also serve as business electives.

International Business Concentration

Code	Title	Credits
Course Listing		
INTB 26500	International Business Operations	3
MKTG 38000	International Marketing	3
FINA 37000	International Finance	3
INTB 48000	Export-Import Operations	3
INTB mini courses ¹		3
Business electives ²		6
Total Credits		21

¹ Any mini-course in INTB with 1.5 credits.

² Any level-2 or above course offered in the School of Business with the prefix of ACCT, FINA, GBUS, INTB, MKTG, MGMT, or SMGT may serve as business electives; STCM 24100 Advertising and STCM 23200 Public Relations may also serve as business electives. Both business electives must be in the same functional area and have the same prefix (STCM 24100 and STCM 23200 are considered part of the MKTG functional area and prefix).

Notes:

- As part of the liberal arts requirements, students pursuing the international business concentration must take two liberal arts electives with Global designation.
- As part of the international business concentration, students must take at least two intermediate college-level or above foreign-language courses (in the same language). If English is the student's second language, the student should see the assistant dean regarding this requirement.

Management Concentration: Strategic Leadership Track

Code	Title	Credits
MGMT 31200	Leadership and Collaboration	3
MGMT 34000	Human Resource Management	3
MGMT 30500	Data-Driven Management Decisions	3
MGMT 46000	Leading Organizational Change	3
MGMT 49600	Negotiations	3
Business Elective ¹		3
BUS Elective with International Focus ²		3
Total Credits		21

¹ Any level-2 or above course offered in the School of Business with the prefix of ACCT, FINA, GBUS, INTB, MKTG, MGMT, or SMGT may serve as business electives; STCM 24100 Advertising and STCM 23200 Public Relations may also serve as business electives.

² Some of the approved elective courses have specific prerequisites; refer to the course descriptions.

Management Concentration: Business Analytics Track

Code	Title	Credits
MATH 24600	Intermediate Statistics	3
COMP 17100	Principles of Computing Science I	4
MGMT 36500	Analytics II	3
MGMT 30500	Data-Driven Management Decisions	3
MGMT 48100	Advanced Decision Making with Analytics	3
Business Elective ¹		3
Business Elective (select one of the following)		3
ECON 33300	Econometrics I	
MKTG 41100	Marketing Analytics	
Total Credits		22

¹ Any level-2 or above course offered in the School of Business with the prefix of ACCT, FINA, GBUS, INTB, MKTG, MGMT, or SMGT may serve as business electives; STCM 24100 Advertising and STCM 23200 Public Relations may also serve as business electives.

Marketing Concentration

Code	Title	Credits
Course Listing		
MKTG 41100	Marketing Analytics	3
MKTG 32300	Consumer Behavior	3
MKTG 32500	Sales and Sales Promotion	3
MKTG 48600	Senior Seminar in Marketing	3
MKTG 49100	Digital Marketing	3
Business electives ¹		6
Total Credits		21

¹ Any level-2 or above course offered in the School of Business with the prefix of ACCT, FINA, GBUS, INTB, MKTG, MGMT, or SMGT may serve as business electives; STCM 24100 and STCM 23200 may also serve as business electives.

Sport Management Concentration

Students interested in the sport management concentration should enroll in SMGT 11000 within the first three semesters at Ithaca College.

Code	Title	Credits
Course Listing		
SMGT 11000	Introduction to Sport Management	3
SMGT 26500	Policy and Governance in Sport Organization	3
SMGT 30300	Sport Law I	3
SMGT 33500	Sport Event and Facility Management	3
SMGT 32600	Sport Marketing and Sales	3

SMGT 41000	Contemporary Issues in Sport Management	3
Sport Management elective; select one of the following:		3
SMGT 21000	International Sport	
SMGT 21500	Problems in College Athletics	
SMGT 22000	Current Issues in Professional Sport	
SMGT 31000	Labor Relations in Sport	
SMGT 36500	Sport Economics	
SMGT 38500	Advanced Sport Marketing	
SMGT 39000	Digital Marketing in Sport	
SMGT 39700	Selected Topics in Sport Management	
SMGT 41500	Strategic Management in Sport	
SMGT 49800	Internship with Academic Enhancement: Sport Management	
Fieldwork requirement ¹		0
Total Credits		21

¹ Students enrolled in the Sport Management concentration will be required to complete non-credit fieldwork hours, verified by their academic adviser.

Sport Marketing Concentration

The sport marketing concentration is available only as a second concentration. Students must be enrolled in either the Marketing or Sport Management concentration prior to adding Sport Marketing as a secondary concentration.

Code	Title	Credits
MKTG 32500	Sales and Sales Promotion	3
MKTG 41100	Marketing Analytics	3
SMGT 11000	Introduction to Sport Management	3
MKTG 32300	Consumer Behavior	3
SMGT 32600	Sport Marketing and Sales	3
SMGT 38500	Advanced Sport Marketing	3
MKTG or SMGT 2xxxx-4xxxx	MKTG or SMGT at 20000-level or above	3
Total Credits		21

Business Minor

The business minor is a general introduction to the study of business. Students may not enroll in both the Pre-M.B.A. minor and the business minor. The business minor is not available to students majoring in business administration, accounting, or sport management.

Code	Title	Credits
Select any six of the following 3-credit courses:		18
GBUS 20300	Legal Environment of Business I	
INTB 26500	International Business Operations	
ACCT 22500	Financial Accounting	
ACCT 22600	Management Accounting	
MGMT 26000	Data Analytics I	
FINA 31100	Business Finance	
MKTG 31200	Principles of Marketing	
MGMT 34500	Operations Management	

MGMT 20600	Organizational Behavior and Management	
MGMT 30200	Applied Ethical Issues in Management	
Total Credits		18

Note: The above courses may have prerequisites; refer to course descriptions.

Business Analytics Minor

Decision making is the most basic element of the managerial skill set and the decisions of today and tomorrow are built on a sophisticated analysis of huge quantities of data. Graduates of this program are forward-thinking in their approach to decision making with an ability to understand the challenges of determining the right questions to ask in the midst of messy data, analyze "big data," and bring the results of their analysis to a wider audience through the use of data visualization.

Code	Title	Credits
MATH 14400	Statistics for Business, Economics and Management	3-4
	or MATH 14500 Statistics for the Health, Life, and Social Sciences	
	or MATH 21600 Statistical Analysis	
	or PSYC 20700 Statistics in Psychology	
MATH 24600	Intermediate Statistics	3
MGMT 26000	Data Analytics I	3
MGMT 36500	Analytics II	3
MGMT 48100	Advanced Decision Making with Analytics	3
Total Credits		15-16

Entrepreneurship & Innovation Minor

Code	Title	Credits
All students in the minor are required to complete the following 4 courses:		
MGMT 21300	Hidden Entrepreneurs	3
MGMT 21400	Startup Tactics: From Accounting to Zoning, Tactical Considerations When Starting a New Company	3
MGMT 23000	Entrepreneurial Innovation	3
MGMT 23500	Ideas into Action: Launching your Business Idea	3

Students select 2 courses from the following:		6
MGMT 21200	Pop-Up Start-Up	
MGMT 22500	Business Models and the Art of Profitability	
MGMT 29800	ITHACON: Promoting and Managing Conventions	
MGMT 31200	Leadership and Collaboration	
MGMT 39100	Managing for Sustainability	
MGMT 49900	Independent Study: Management (Requires advance approval)	
FINA 38000	Equity Portfolio Management	
FINA 42000	Alternative Asset Management	

Note: Some courses may have prerequisites

Total Credits 18

Finance Minor

The finance minor surveys the importance of finance in the business world. It is not available to students pursuing a B.S. in business administration, accounting, or applied economics.

Code	Title	Credits
Required Courses		
ECON 12100	Principles of Macroeconomics	3
ACCT 22500	Financial Accounting	3
FINA 31100	Business Finance	3
Select one of the following:		4
MATH 10400	Finite Mathematics with Calculus	
MATH 10800	Applied Calculus	
MATH 11100	Calculus I	
Finance Electives		
FINA xxxxx	2 Finance courses level-2 or above	6
Total Credits		19

Note: The math courses listed above may have prerequisites and may require certain math placement groups; refer to course descriptions.

International Business Studies Minor

The minor in international business studies provides an overview of the field of international business. It is not available to students pursuing the B.S. degree in business administration or accounting.

Code	Title	Credits
Required Course		
INTB 26500	International Business Operations	3
International Business Electives ¹		
Select two of the following:		6
INTB 29700	Business in China	
INTB 36000	International Management of Human Resources	
INTB 48000	Export-Import Operations	
INTB 49000	Seminar in International Business	
INTB 49800	Internship with Academic Enhancement	
FINA 37000	International Finance	
MKTG 38000	International Marketing	
GBUS 31000	International Business Law	
SMGT 21000	International Sport	
Electives		
Select two courses from the International Business Elective list above or Global Area Studies designation. ²		6
Language Requirement		
Foreign language course level 2.		3
Total Credits		18

¹ INTB courses offered at the London Center may also be used as International Business electives.

² Note: Courses taken as part of students' study abroad programs will be considered for approval on a case-by-case basis.

Note: The above courses may have prerequisites; refer to course descriptions.

Marketing Minor

Students pursuing the B.S. in business administration, accounting, or integrated marketing communications are not eligible for this overview of the field of marketing.

Code	Title	Credits
Required Courses		
MKTG 31200	Principles of Marketing	3
MKTG 32300	Consumer Behavior	3
MKTG 41100	Marketing Analytics	3
MKTG 49100	Digital Marketing	3
MATH 14400	Statistics for Business, Economics and Management	4
or PSYC 20700 Statistics in Psychology		
Total Credits		16

Note: The above courses may have prerequisites and may require math placement scores at certain levels; refer to course descriptions.

Pre-MBA Minor

Students wishing to enter the Ithaca College Entertainment and Media Management M.B.A. program or pursue M.B.A. degrees elsewhere should consider the pre-M.B.A. minor. Students who are interested in a more flexible foundation in various functional areas of business with fewer courses should look into the business minor. Students majoring in any business or accounting program may not enroll in this minor. Students may not enroll in both the pre-M.B.A. minor and the business minor.

Code	Title	Credits
Required Courses		
GBUS 20300	Legal Environment of Business I	3
MGMT 26000	Data Analytics I	3
ACCT 22500	Financial Accounting	3
ACCT 22600	Management Accounting	3
FINA 31100	Business Finance	3
MKTG 31200	Principles of Marketing	3
MGMT 34500	Operations Management	3
MGMT 20600	Organizational Behavior and Management	3
Total Credits		24

Note: The above courses may have prerequisites; refer to course descriptions.

Certificate in International Business

The primary objective of the certificate program in international business is to provide interested students with the opportunity to acquire the coherent, interdisciplinary body of knowledge needed to pursue careers in international areas, especially in international business. The program is aimed at matriculating students from Ithaca College, particularly those

in the School of Business (from all concentrations except international business) and the School of Humanities and Sciences (H&S). Within H&S, the program might appeal to students in economics, history, modern languages, politics, psychology, sociology, or planned studies. It is also open to extramural students at Ithaca College.

Coursework

The coursework consists of 15 courses from the following areas:

1. Area studies/international relations (5 courses)
Area studies/international relations courses familiarize students with comparative politics, history, sociology, anthropology, art, and literature in the context of the world in general or particular regions and countries. These courses can focus on a specific region or subject, or diversify across disciplines and geographic locations. (Check with the School of Business dean's office for the most recent list of approved international liberal arts electives.)
2. Foreign language (5 courses)
Introductory, intermediate, and advanced foreign-language courses are applicable; at least one language course has to be at level 3 and focus on literature or culture (e.g., FREN 34300 or FREN 34400).
3. International Business & Economics (5 courses)
Students receive a strong foundation of knowledge in economics, and then move on to take specific courses in their areas of interest in international business, such as marketing or management. Students take the following five courses (15 credits):
 - Principles of Macroeconomics
 - Principles of Microeconomics
 - International Business Operations
 - One course chosen from the following list:
 - World of Business
 - Introduction to Business
 - Financial Accounting
 - Financial Markets and Institutions
 - Human Resource Management
 - Principles of Marketing
 - Legal Environment of Business I
 - One course is chosen from the following list:
 - International Economics
 - International Management of Human Resources (Prerequisite: Human Resource Management)
 - Export/Import Operations
 - International Business Internship
 - International Finance (Prerequisite: Business Finance)
 - International Marketing (Prerequisite: Principles of Marketing)
 - International Business Law (Prerequisite: Legal Environment of Business I)

Satisfactory/D/Fail Policy

The foreign language and international business/economics courses may not be taken on a Satisfactory/D/Fail basis. A maximum of two courses in the area studies/international relations track may be taken on an S/D/F basis.

Graduate Programs

The School of Business at Ithaca College offers two graduate programs: the master of business administration (MBA) in entertainment and media

management, and the master of science in accounting. Each program requires a major or other educational background in business, but work experience is not required. Students may apply in their senior year. For more information see the Ithaca College graduate catalog (p. 815).

Roy H. Park School of Communications

Jack Powers, Professor and Interim Dean

Rob Gearhart, Associate Dean

Bryan Roberts, Associate Dean

Mission

In the Roy H. Park School of Communications we continue to build on our tradition of blending and balancing liberal arts and professional, theoretical, and practical studies. We explore, create, and practice communication in its many forms, educating agile, adaptable thinkers, ethical professionals, and lifelong learners.

We meet this mission by:

Offering ten degree programs and nine minors, encompassing a wide range of opportunities in the field of communications. Students are immersed in their degree requirements from their first semester, studying with excellent teaching faculty, and engaged with fellow majors. Blending major and liberal arts requirements and electives.

Providing experience both in and out of the classroom. In addition to experiential learning through classes providing opportunities for producing and writing in studios or labs, and with field equipment, our students are given access from their first semester to participate in our co-curricular organizations – our network of professionally mentored student media groups – which includes two radio stations, a television channel, a newspaper, a professional production unit, and a promotions agency.

Creating opportunity for students through the generous funding of two endowments. These funds create grants to support student research and production projects. They also contribute to the incredible facilities and equipment of the Park School, a resource that is available to students through courses and co-curricular activities from their first semester. This opportunity prepares students for the professional environments of internships and jobs.

Introducing our students to the vast professional network of Park School alumni. With over 70 years of alumni impacting the field of communications, this network has perpetuated a pipeline of opportunities for Park School students. It begins with connecting to students in their first semester through S'Park: Igniting your Future in Communications and continues throughout their Park School experience. Park School alumni generously create many opportunities for internships and jobs for the next generation, not only in the traditional media capitals, but everywhere they apply their craft.

Co-curricular Media Organizations

Creative expression and experimentation are strongly encouraged, and students are invited to participate in the school's various student-operated media opportunities, including:

- radio stations WICB-FM and VIC;
- television cable access channel ICTV;
- the professional production unit, Park Productions;
- the campus newspaper, The Ithacan;
- The Studio, a student-led media production studio;
- and, Park Promotions, our student-powered promotions agency.

Professional Development

Students enrolled in the Roy H Park School of Communications (Park School) have multiple opportunities to network and meet professional mentors through coursework, events, workshops, conversational forums and multiple panel series hosted by the Park Professional Development Office. The Office offers this series to make new connections, spark insights and build momentum within the Park School community with its allies to drive discussion around the industries and professions.

The Park School also boasts a diverse and expanding group of passionate alumni who participate as mentors, employers, and advisors to ensure every student gets an opportunity to volunteer, job-shadow, intern, freelance or engage in professional experiences during their academic career.

IC Handshake is more than just a job posting site—it's a career services management tool designed just for students and alumni. This platform is maintained by Ithaca College Career Services provides a great set of resources for students to tap into when seeking employment or internship opportunities while enrolled at Ithaca College and after graduation as alumni.

All Park students are encouraged to join the School's professional and alumni network on LinkedIn in the private group "IC Park Careers." The group includes hundreds of Bombers who are willing to lend a helping hand, answer questions and share advice.

facilities and equipment

Our students have access to a continuously updated inventory of professional media production and post-production equipment and facilities. With over \$5 million in total assets housed in a 79 thousand square foot building, they can create and display their work using state-of-the-art television studios and sound stages with a fully equipped master control, a remote TV broadcast truck, audio, radio, and photography studios, 14 media labs and classrooms, multiple student workrooms and a 200 seat auditorium with 4K projection and a 7.1 sound system.

Managing our inventory of production equipment is the Park Portable Equipment Center. In PPECS, our students can find all levels of digital and film cameras, lighting, audio, and grip equipment all of which are

dedicated for them to use on shoots for films, documentaries, video segments, journalistic reports, and a variety of media projects.

For listing of Ithaca College faculty, see "Faculty and Administration (p. 742)."

The Park School offers the following programs:

Department of Media Arts, Sciences, and Studies (p. 285)

- Television Radio - B.S.
- Cinema and Photography - B.S.
concentration: Cinema Production
concentration: Still Photography
- Film, Photography, and Visual Arts - B.F.A.
- Emerging Media - B.S.
- Writing for Film, Television, and Emerging Media - B.F.A.
- Minors in:
 - Animation
 - Audio Production
 - International Communications
 - Still Photography
 - Writing for Film, Television, and Emerging Media

Department of Strategic Communications (p. 304)

- Communications Management and Design - B.S.
concentration: Corporate Communication
concentration: Communication Design
- Integrated Marketing Communications - B.S.
- Minors in:
 - Communications Management and Design
 - Integrated Marketing Communications
 - Live Event Design and Management

Department of Journalism (p. 301)

- Journalism - B.A.
- Minor in Journalism

Interdisciplinary Programs (p. 312)

- Documentary Studies and Production - B.A.
- Sports Media - B.S.

Graduate programs

- Communications Innovation (p. 825) - M.S.
- Image Text (p. 826) - M.F.A.

Integrative Core Curriculum

The Integrative Core Curriculum (ICC) is Ithaca College's liberal education program, which contributes, along with students' curricular experiences in the major, elective offerings, and out-of-class experiences, to achieving the College's expectation that Ithaca College graduates should become integrative thinkers, critical and analytical problem solvers, and reflective learners. To achieve these expectations, students completing the ICC will:

1. Address a topic, issue, problem area, or human challenge using a combination of concepts, theories, and/or methods from multiple perspectives or fields of study;

2. Apply concepts, theories, methods, or skills to analyze new questions or complex problems
3. Engage in and communicate self-reflection about their learning in the Integrative Core Curriculum, their chosen major discipline, and their overall Ithaca College experience

Park School Requirements of the ICC

Code	Title	Credits
Ithaca Seminar ¹		4
Themes and Perspective Courses		12
	Creative Arts (CA)	
	Humanities (HM)	
	Natural Sciences (NS)	
	Social Sciences (SO)	
Complimentary Liberal Arts		
	12 credits fulfilled through Major Requirements (marked ICC-CLA)	
Additional Requirements		12
WRTG 10600	Academic Writing I (or ICSM 10800 or ICSM 11800) ²	
	Writing Intensive (ICC-WI) ³	
	Diversity (ICC-DV)	
	Quantitative Literacy (ICC-QL) ⁴	
GCOM 43000	Connecting the Dots: General Education Integration ⁵	1
E-Portfolio completion		
Total Credits		29

¹ Incoming first year students will register for an Ithaca Seminar their first (fall) semester at Ithaca College. Transfer students will register for a seminar (ICSM 19000) designed specifically for transfer students to fulfill this requirement.

² You may also receive credit for completing this requirement by scoring a 4 or 5 on the AP examination in English Literature & Composition or English Language & Composition. The following Ithaca Seminars also fulfill this requirement: ICSM 10800 or ICSM 11800.

³ You must fulfill the WRTG 10600 requirement before enrolling in a Writing Intensive course. Park School courses that fulfill the WI requirement are CNPH 30000, CNPH 30100, JOUR 21100, STCM 33200, TVR 32000, and TVR 33500.

⁴ After you decide to attend Ithaca College, you will complete an online assessment of the mathematical skills necessary to succeed in courses with a Quantitative Literacy (QL) designation. Park School courses that fulfill the QL requirement are STCM 28800 and TVR 26300.

⁵ GCOM 43000 is the ICC Capstone required for all Park School majors

Laboratory Fees

The Park School does not charge laboratory fees. However, the convergent nature of the communications discipline requires that all students have consistent access to a basic set of multimedia tools. All entering students are required to acquire a laptop computer for use in their classroom and production work. Specifications about the required make and model and any required software is on each degree's web page and students are required to check this information before they arrive on campus. Students enrolled in certain courses may also be required

to supply their own equipment and/or materials, including computer data storage media. In the cinema and photography program students are expected to furnish their own light meters and cameras for all still photography courses. In addition, students must purchase materials such as photographic film and paper, motion picture film, and mounting board. Because of the large number of production courses, students in B.F.A. degree in film, photography, and visual arts incur additional costs for materials.

Academic Policies

In addition to general College guidelines for academic standing, majors in the Roy H. Park School of Communications must meet the following requirements:

- All students at Ithaca College must complete the Integrative Core Curriculum (ICC), and Park School students follow the specifics of the Roy H. Park School of Communications ICC requirements (p. 281).
- Majors in B.S. and B.A. programs must complete at least 60 credits outside of Park School communications courses (including the distribution requirements listed above) to satisfy their degree requirements (120 credits). B.F.A. majors must complete at least 48 credits outside of Park School communications courses to satisfy their degree requirements (120 credits). The regulations of the New York State Education Department require 60 credits in courses designated as liberal arts (LA) for the B.S., 90 credits for the B.A., and 30 credits for the B.F.A.
- Majors must take all required communications courses, and all outside courses applied to the major (including supplemental requirements) for a letter grade. The only exceptions are specially designated communications courses, which may be offered on a pass/fail basis, and internships, which are typically pass/fail. Credit for courses that a student has taken pass/fail and passed before becoming a major will be accepted. Credit for courses that a student has taken S/D/F before becoming a major will be accepted as long as the grade is Satisfactory.
- Majors are required to take a minimum of 12 credits each semester. Part-time status requires the approval of the associate dean and is usually granted only to seniors who lack fewer than the 12 credits required for graduation and to certain students of nontraditional age who are enrolled in approved majors.
- Majors are required to make up incomplete grades in communications courses by the end of the following semester, as required by the course instructor. Incompletes will not be given in production courses (a production course is any course that requires equipment to be checked out from the Park Portable Equipment Center).
- Students may be enrolled in only one major within the Roy H. Park School of Communications.
- A few courses offered in the Roy H. Park School of Communications may be taken twice with the permission of the instructor (these are specified in the course descriptions). However, even with the permission of the instructor, if there

is not enough space to permit a student's taking the class a second time, preference for registration in the course will be given to students who have not taken the course and who need it to stay on track for graduation.

- Total credit for workshop courses in the Park School may not exceed 8 credits, except for B.F.A. majors, who may not take more than 12 credits in workshop courses.
- Auditing laboratory or production courses is not permitted.
- In programs requiring concentrations, students should elect the concentration before registration for the first semester of their sophomore year. Several courses are available only to students with declared concentrations that require the course. A student may have only one concentration; the concentration most recently declared is the one in force.
- All proposed waiver-substitution forms must be submitted to the appropriate department chair before the last day of class of the semester before the student's final semester. Requests submitted after that deadline may not be honored, which may delay the student's graduation.
- Students enrolled in 1-credit minicourses are not permitted to add, drop or withdraw from the course within the three days before the course's start date.
- Plagiarism — the use of work other than one's own without proper citation or credit — is a serious offense. Penalties for plagiarism include failure on the assignment, failure in the course, and/or College academic discipline, which could mean suspension or dismissal from the College. Plagiarism can involve not only written work but also computer programs, photographs, artwork, films, videos, and sound. Students at all unsure about what constitutes plagiarism or how to give credit should see their instructor and consult the Ithaca College student handbook. For further information see also "Plagiarism" in the "Academic Affairs Information" section of this catalog.

Individual departments and programs in the Park School have additional requirements, especially regarding internal and cumulative grade point averages. Students should refer to the department and program requirements for complete information.

Failure to meet any of the academic regulations of the College, school, or individual department or program will result in placement on academic warning, program suspension, or dismissal from the Park School, or dismissal from Ithaca College.

Academic Status

To remain in good academic standing, a student must meet the minimum academic standards for their degree program under the catalog year in which they entered the degree program, unless a student elects to move to a different catalog year that occurs after the student entered the degree program. Students who do not earn the required minimum overall cumulative GPA will be placed on academic warning or suffer program suspension, program dismissal, or dismissal from the College. In the Park School a student need not be on academic warning for one semester before being suspended or dismissed from the program or dismissed from Ithaca College. Students who drop to part-time status (fewer than 12 credit hours in a semester) without written permission from the associate dean submitted on the appropriate form will be placed on warning.

Dean's List

The dean's list in the Roy H. Park School of Communications is made up of majors in each class who meet all the following criteria during the semester:

- a minimum semester GPA of 3.70
- completion of a minimum of 15 credits, of which at least 12 are graded, not pass/fail or Satisfactory/D/F option
- no final grades of D, F, or I (incomplete)

The dean's list status, awarded each semester, is based on a student's semester GPA rather than the cumulative GPA for all semesters the student has attended Ithaca College.

Academic Advising

All students in the Park School are assigned an academic adviser on entering their academic program. Students are encouraged to meet with their advisers each semester before registration and if they are planning to study abroad or in Los Angeles. Any change in a student's academic plan, such as adding a minor or second major, should first be reviewed with that student's academic adviser. A student may request to change their adviser by filling out a form available in the dean's office.

Park students have an academic adviser assigned to them at all times, even if they are on academic warning, program suspension, or program dismissal. (Students who have been dismissed from their degree program in the Park School retain their academic adviser until they are accepted into another major at Ithaca College.) If a student's academic adviser is on sabbatical, a leave of absence, or a medical leave of absence, or if they leave employment at the College, the student is assigned a new academic adviser. To verify the name of their academic adviser, students should check their online student information on HomerConnect or Degree Works. (www.apps.ithaca.edu (<https://catalog.ithaca.edu/undergrad/schools/park-school-communications/www.apps.ithaca.edu>))

Academic Opportunities

Internships

All departments and programs of the Park School make available internships in a variety of areas. Students intern in commercial, nonprofit, and government sectors. Internships are normally taken during a student's junior or senior year, but first-year and sophomore students may apply for one internship credit. Most internships are pass/fail. One internship credit represents 60 or more hours at the internship over the course of a semester.

Students may enroll in fall, spring, and summer session internships. A summer session internship requires an additional tuition payment beyond the regular academic year. Students may have a total of 12 internship credits, and no one internship may be taken for more than 8 credits.

Information on discretionary internships, including policy and application, is available on the Park School website.

The satellite programs at Los Angeles, and London, U.K., have their own application processes and are administered separately.

Independent Study/Project

An independent study/project offers the student the opportunity to pursue historical, critical, empirical, and/or creative research in communications under faculty supervision. Areas of investigation are described in the course listings for each department. One credit of independent study/project requires 45 hours of faculty-supervised work, which is performed by the student outside of the classroom setting. Therefore, a 3-credit independent study will require a minimum of 135 hours of student work during a semester. An independent study/project is not permitted to supplement the work in another course; it is appropriate to serve as a substitution for a required course that a student is unable to take due to legitimate and verifiable circumstances, and if the student has no other options for taking the required course and staying on track for graduation. All independent studies/projects must be approved by the chair of the department in which they are offered and by the dean's office.

London Program

The Park School participates in the London Center program through course offerings and selected internships. Students interested in studying at the London Center may obtain information from the Office of International Programs.

Singapore Communications Exchange

Juniors and seniors majoring or minoring in the Park School may participate in the academic program offered at Nanyang Technological University in Singapore. In the exchange agreement, up to five students from the NTU School of Communications spend a semester at Ithaca College, and an equal number of Ithaca College students may attend classes, taught in English, in Singapore. For more information about the program, contact the Office of International Programs, 214 Center for Health Sciences, 607-274-3306.

Minors

Communication plays an important role for students in a number of disciplines. To serve these students, the Park School offers several minor programs:

- The media arts, sciences, and studies department offers minors in animation; audio production; international communications; writing for film, television, and emerging media; and still photography.
- The strategic communication department offers minors in communication management and design; live event design and management; and integrated marketing communications.
- A minor in journalism is offered in the journalism department.

Details of these programs, including enrollment restrictions, are given under the respective department listings.

The number of seats available for some minor programs may be limited. Students must apply to be accepted into a minor.

Course Duplication

A course that fulfills a requirement for a student's major and minor programs is counted toward the major. The minor discipline determines whether the requirement is to be waived or how else it must be fulfilled.

Course duplication will be considered an issue only when a required course is specified by number and title in both the major and minor.

Courses and Course Schedules

Students should consult the undergraduate course offerings (in Homer Connect) for specific information on the schedule of all courses for the semester. In addition to the courses listed in this catalog, others may be offered on an experimental basis. Descriptions of experimental courses, minicourses, selected topics courses, and other special offerings are available from the dean's or department offices the week before registration begins each semester. (<https://homerconnect.ithaca.edu/>)

Transfer Policies

Transfer Credit after Matriculation at Ithaca College

Prior approval must be obtained on a petition-for-transfer-credit form, found on IC Workflow, for all transfers of both elective courses and courses proposed to substitute for requirements. No more than 12 transfer credits will be accepted for any summer session.

Transfer within the Park School

Students may apply for a change of major within the Park School after they have earned one semester's worth of grades at Ithaca College. Students must complete the Change of Major form electronically at the Ithaca College Workflow website. After completion of the form, the applicant may receive a request for further information or to set-up an in-person interview. The internal transfer process is competitive, and students must have a minimum cumulative GPA of 2.75 and be in good academic standing in order to apply for any of the majors offered in the Park School. Having the minimum cumulative GPA to apply for any major in the Park School does not guarantee admission.

Transfer from Other Schools at Ithaca College

Each year the Park School accepts a limited number of students from other schools at Ithaca College. Students must complete the Change of Major form electronically at the Ithaca College Workflow website. After completion of the form, the applicant may receive a request for further information or to set-up an in-person interview. Applications are reviewed each semester on a rolling basis. One semester of final Ithaca College grades is required. Students must have a minimum cumulative GPA of 2.75 to apply for transfer to any degree program in the Park School. Having the minimum cumulative GPA to apply for transfer to a degree program in the Park School does not guarantee admission.

Transfer from Other Institutions

The Park School accepts a limited number of students from other accredited colleges and universities. For general information about transfer procedures and deadlines, see the "Transfer Students (p. 704)" in the Student Information section.

Credit Evaluations

If a student is considering applying to Ithaca College, the Park School associate dean can provide an unofficial evaluation of transfer credits if the student sends copies of transcripts and course descriptions from previous coursework. Credit is granted for most college-level courses with a grade of C- or higher. Credit for internships, practicums, workshops, and independent study is generally not transferable into the Park School.

Any number of credits will be accepted, but the following requirements may mean that students will need more than 120 credits to graduate: Students must complete at least four full-time (12 credits or more) semesters at Ithaca College (including the London Center, the New York

City program (ICNYC), or the Los Angeles program) and must complete at least 50 percent of the required communications credits in the Park School. After matriculation, transfer students must comply with the academic policies listed here and in the degree program descriptions.

Specific information about transfer student orientation is sent automatically to all matriculating students.

Ithaca College James B. Pendleton Center in Los Angeles

Stephen Tropiano, Professor and Director

The Park School offers an internship-centered, semester-long program in Los Angeles. The junior- and senior-year program is open to all majors and minors in the Park School. Students have the opportunity to intern at a wide variety of organizations in the fields of radio, television, cinema, photography, journalism, new media, public relations, advertising, and corporate and nonprofit communications. Los Angeles internships are for 6 to 8 credits in the fall and spring semesters only, and for 3 to 5 credits in the summer.

In addition to internships, students take required and elective courses in their major or minor program. All classes are held at the James B. Pendleton Center, and students live in College-provided housing. Tuition is the same as on the home campus, and and housing costs are higher than on-campus housing costs in Ithaca.

The Los Angeles program allows students to experience the cultural diversity of the Los Angeles environment, gain real-world experience in the industry, and make valuable contacts with industry professionals, including many Ithaca College alumni.

Applications and additional information are available on the Los Angeles program website.

The following information is provided in compliance with California State Law:

1. "As a prospective student, you are encouraged to review this catalog prior to signing an enrollment agreement. You are also encouraged to review the School Performance Fact Sheet, which must be provided to you prior to signing an enrollment agreement."

2. "NOTICE CONCERNING TRANSFERABILITY OF CREDITS AND CREDENTIALS EARNED AT OUR INSTITUTION The transferability of credits you earn at (name of institution) is at the complete discretion of an institution to which you may seek to transfer. Acceptance of the (degree, diploma, or certificate) you earn in (name of educational program) is also at the complete discretion of the institution to which you may seek to transfer. If the (credits or degree, diploma, or certificate) that you earn at this institution are not accepted at the institution to which you seek to transfer, you may be required to repeat some or all of your coursework at that institution. For this reason you should make certain that your attendance at this institution will meet your educational goals. This may include contacting an institution to which you may seek to transfer after attending (name of institution) to determine if your (credits or degree, diploma or certificate) will transfer."

3. "You must pay the state-imposed assessment for the Student Tuition Recovery Fund (STRF) if all of the following applies to you: 1. You are a student in an educational program, who is a California resident, or are enrolled in a residency program, and prepay all or part of your tuition either by cash, guaranteed student loans, or personal loans, and 2. Your total charges are not paid by any third-party payer such as an employer, government program or other payer unless you have a separate

agreement to repay the third party. You are not eligible for protection from the STRF and you are not required to pay the STRF assessment, if either of the following applies: 1. You are not a California resident, or are not enrolled in a residency program, or 2. Your total charges are paid by a third party, such as an employer, government program or other payer, and you have no separate agreement to repay the third party."

4. "The State of California created the Student Tuition Recovery Fund (STRF) to relieve or mitigate economic losses suffered by students in educational programs who are California residents, or are enrolled in a residency programs attending certain schools regulated by the Bureau for Private Postsecondary and Vocational Education. You may be eligible for STRF if you are a California resident or are enrolled in a residency program, prepaid tuition, paid the STRF assessment, and suffered an economic loss as a result of any of the following:

- The school closed before the course of instruction was completed.
- The school's failure to pay refunds or charges on behalf of a student to a third party for license fees or any other purpose, or to provide equipment or materials for which a charge was collected within 180 days before the closure of the school.
- The school's failure to pay or reimburse loan proceeds under a federally guaranteed student loan program as required by law or to pay or reimburse proceeds received by the school prior to closure in excess of tuition and other costs.
- There was a material failure to comply with the Act or this Division within 30 days before the school closed or, if the material failure began earlier than 30 days prior to closure, the period determined by the Bureau. An inability after diligent efforts to prosecute, prove, and collect on a judgment against the institution for a violation of the Act."

5. "Any questions a student may have regarding this catalog that have not been satisfactorily answered by the institution may be directed to the Bureau for Private Postsecondary Education at 2535 Capitol Oaks Drive, Suite 400, Sacramento, CA 95833 or P.O. Box 980818, West Sacramento, CA 95798-0818, www.bppe.ca.gov, (888) 370-7589 or by fax (916) 263-1897"

6. "A student or any member of the public may file a complaint about this institution with the Bureau for Private Postsecondary Education by calling (888) 370-7589 or by completing a complaint form, which can be obtained on the bureau's internet web site (www.bppe.ca.gov)."

Department of Media Arts, Sciences, and Studies

Steven T. Skopik, Professor and Interim Chair

The Department of Media Arts, Sciences, and Studies (MASS) administers five degree programs, as well as five minors. Choose **Majors and Minors** tab above or links below to review program requirements.

B.S. Television Radio (p. 286)
 B.S. Cinema and Photography (p. 286)
 B.F.A. Film, Photography, and Visual Arts (p. 286)
 B.S. Emerging Media (p. 286)
 B.F.A. Writing for Film, Television, and Emerging Media (p. 286)
 Minor in Animation (p. 286)
 Minor in Audio Production (p. 286)
 Minor in International Communications (p. 286)
 Minor in Still Photography (p. 286)
 Minor in Writing for Film, Television, and Emerging Media (p. 286)

B.S. Television-Radio (p. 299) - *Steven D. Gordon, Associate Professor and Program Director*

The bachelor of science in Television-Radio is a four-year curriculum designed to prepare students for careers in communications, including television, radio, digital and social media, and other related professions. Students in the major will take 23-27 credits in core television-radio courses. Additionally, in consultation with an academic adviser or the Television-Radio program director, each student will develop an area of study designed to meet the student's unique educational goals. The area of study will consist of 24 credit hours from the Park School or other approved departments.

B.S. Cinema and Photography (p. 297) - *Janice Levy, Professor and Program Director*

The bachelor of science (B.S.) program in Cinema and Photography has two concentrations – cinema production, and still photography. Majors typically choose their concentration before registering for the first semester of their sophomore year. The bachelor of science program allows students to choose a significant number of elective courses and/or minors from the broad range of offerings at the college.

Entering majors must have their own digital SLR (or mirrorless) camera. In addition, students must pay for laboratory services and purchase materials such as photographic film, printing paper, mounting board, motion picture film, and digital storage media.

[return to programs] (p. 286)

B.F.A. Film, Photography, and Visual Arts (p. 298) - *Janice Levy, Professor and Program Director*

The bachelor of fine arts (B.F.A.) program in Film, Photography, and Visual Arts emphasizes an interdisciplinary focus in a production-intensive communications and fine arts program. It combines the same course requirements found in the cinema production concentration of the B.S. program with significant additional required coursework in still photography and required supplemental courses in video production, studio art, and art history. The B.F.A. program is more tightly structured than the B.S. program, with fewer open electives. Planning for off-campus semesters (in London, Los Angeles, New York City, or elsewhere) must be done carefully.

Entering majors must have their own digital SLR (or mirrorless) camera. In addition, students must pay for laboratory services and purchase materials such as photographic film, printing paper, mounting board, motion picture film, and digital storage media. Because of the large number of required production courses, B.F.A. applicants should be aware that they will incur additional expenses for supplies.

[return to programs] (p. 286)

B.S. Emerging Media (p. 299) - *Devan Rosen, Professor and Program Director*

The Emerging Media degree program prepares students to understand, develop, and lead the social, political and economic role of technology in society. The confluence of the principle areas of the program incubate an intellectual balance of form and function, design and build, art and science; creating a context in which our students can explore emerging opportunities. The program combines content in media analysis, design, and production with computation-based content. As such, the EM program is truly interdisciplinary, with clear intersections between all the degrees in the Park School as well as many programs across Ithaca College in every school. The multi-disciplinary curriculum offers students the opportunity to develop an array of skills, competencies, and conceptual foundations that can be applied to a myriad of industry and intellectual areas.

The flexible curriculum accommodates student interest by allowing each student to select from a variety of electives, but also by adapting to each students' career interests as expressed by the project choice in the "Junior Project" and "Senior Capstone" classes. Additionally, the Project/Capstone experience is an innovative two-year transition from academic-style work to a more professional industry-style project based work. By acclimating the students to long arcing project based assignments, including product/project management and research, they are better prepared to enter both professional and research-based settings. The mission of this program is to engage and support students to become ethical leaders within the evolving discipline of emerging media, whether as designers and creators of media and technology, or as entrepreneurs creating media products. Because new media are inherently multidisciplinary, integrating artistic creativity with computational expertise, this program takes an integrative approach to the education of our graduates – while still maintaining a strong disciplinary focus.

[return to programs] (p. 286)

B.F.A. Writing for Film, Television, and Emerging Media - *Jack Bryant, Associate Professor and Program Director* (p. 297)

The B.F.A. in Writing for Film, Television, and Emerging Media is grounded in the origins and conventions of story, with a curriculum designed to expose students to all aspects and principles of writing for screen media, as well as provide rigorous writing practice in multiple forms of narrative media. Required study and internships in our Los Angeles program will expose students to careers in the constantly evolving world of screen narrative.

[return to programs] (p. 286)

MEDIA ARTS, SCIENCES, AND STUDIES MINOR PROGRAMS

Minors are required to maintain an overall cumulative GPA of 2.50. Students must have a minimum cumulative GPA of 2.75 in order to apply to any minor in the media arts, sciences, and studies department, but this minimum does not guarantee acceptance.

Minor in Animation (p. 300) - *Jason Harrington, Associate Professor and Minor Coordinator*

The Animation minor is designed to benefit students across schools and disciplines. The growing world of animation, special effects and motion graphics influences and interacts with many other areas of study.

This minor serves students who are interested in learning animation fundamentals such as production methods, industry structure, project development, software techniques and other key aspects of animation production.

Minor in Audio Production (p. 300) - *Maria Mejia Yepes, Assistant Professor and Minor Coordinator*

This minor provides broad-based knowledge of the theory and practice of audio production. Students learn the scientific and aesthetic aspects of sound, as well as a broad range of audio production techniques applicable to music, theater, and electronic media. Courses are drawn from the Park School, the School of Music, and the physics and theater arts departments in the School of Humanities and Sciences.

Minor in International Communications (p. 300) - *Katalin Lustyik, Associate Professor and Minor Coordinator*

The minor in International Communications gives students from a variety of disciplines a broad knowledge of international communication theory and practice. It also provides knowledge of the global flow of information. Students have opportunities to relate theories and practices of international communication to their own disciplines.

Television-Radio majors with a minor in international communications will have the course TVR 12400 waived as a requirement for the minor, since that course is required for the major.

Minor in Still Photography (p. 301) - *Rhonda Vanover, Assistant Professor and Minor Coordinator*

A minor in Still Photography provides opportunities to develop a systematic knowledge of the discipline. Minors must be declared through consultation with still photography faculty and approved by the the Cinema, Photography and Media Arts program director. This minor is not open to majors in cinema and photography or in film, photography, and visual arts.

Minor in Writing for Film, Television, and Emerging Media (p. 301) - *Julie Blumberg, Assistant Professor and Minor Coordinator*

The Writing for Film, Television, and Emerging Media minor is designed to give majors in other disciplines as well as other majors in the Media Arts, Sciences, and Studies department a working knowledge and more developed skill set in writing across various screen platforms. Students will gain understanding of and experience in what it takes to be a contemporary storyteller in an age where writers are often required to freely navigate between the worlds of feature films, television, videogames and various other forms of immersive media. Minors must be declared through consultation with departmental faculty and approved by the minor coordinator.

[return to programs] (p. 286)

Course Duplication

A course that fulfills a requirement for a student's major and minor programs is counted toward the major. The minor discipline determines whether the requirement is to be waived or how else it must be fulfilled. Course duplication will only be considered an issue when a required course is specified by number and title in both the major and minor.

Majors & Minors

- Writing for Film TV and EM Major — B.F.A. (p. 297)
- Cinema and Photography Major — B.S. (p. 297)
- Film, Photography, and Visual Arts Major — B.F.A. (p. 298)
- Emerging Media Major — B.S. (p. 299)

- Television-Radio Major — B.S. (p. 299)
- Animation Minor (p. 300)
- Audio Production Minor (p. 300)
- International Communications Minor (p. 300)
- Still Photography Minor (p. 301)
- Writing for Film, TV & Emerging Media Minor (p. 301)

Subjects in this department include: Cinema and Photography (CNP) (p. 287), Media Arts, Sciences & Studies (MASS) (p. 290), Television Radio (TVR) (p. 291), and Emerging Media (EMED) (p. 291)

Cinema and Photography (CNP)

CNP 10100 Introduction to Film Aesthetics and Analysis (LA)

An analysis of the cinematic techniques utilized throughout film history to create meaning, suggest mood, develop psychology of characters, and communicate ideas. Emphasis is placed on classic American and foreign films, from the silent period to the present day. (F)

Attributes: DV, HU

3 Credits

CNP 11100 Cinema Production 1 (NLA)

In this intensive production experience, students learn the rudiments of creating a motion picture. Aspects of preproduction (idea conception, budgeting), production (camerawork, directing), and postproduction (sound and picture editing) are introduced as students create multiple works of cinema art. (F-S)

Attributes: CCCS

4 Credits

CNP 14100 Introduction to Photography (LA)

Introduction to photographic processes and historical, conceptual, and aesthetic concerns. Fundamentals of the art, including camera handling, exposure, digital image control and correction, lighting, composition, and printing. (F-S)

Attributes: 3B, CCCS, ESTS, MC

4 Credits

CNP 20310 The Photograph in Exhibition (LA)

Addresses the issue of photographic exhibition – touching on considerations of context, scale, and installation – as it affects the experience and meaning of images. Students will attend a series of photographic exhibitions and will critically evaluate the content of each through written papers and oral presentations. Prerequisites: Open only to B.S. cinema and photography students in the still photography concentration. Corequisites: CNPH 24000. (S)

1 Credit

CNP 20500 Photographic Currents (LA)

Introduces key concepts, historical frameworks and current debates in the study of contemporary photography. Readings, lectures and visits to exhibitions focus on particular genres, ideas and international practices within the contemporary media arts, specifically photography. Topics vary on faculty expertise and research interest. Only offered at the Ithaca College London, New York and Los Angeles centers. Sophomore standing. (IRR)

Attributes: SCE

3 Credits

CNPH 20700 European Cinema (LA)

Concentrates on post-Second World War European cinema up to the present day. Study of the themes and styles of the European art film, authorship, and the relation of audience to film criticism. This course is offered only through the Ithaca College London Center. Prerequisites: Acceptance into the Ithaca College London program. (IRR)

Attributes: SCE

3 Credits

CNPH 21002-21012 Special Topics in Cinema Production (NLA)

Study of the cinema production process using significant works representative of important historic and contemporary ideas and movements. Screenings and readings guide discussions and analysis geared toward providing familiarity with a broad range of production models and connecting them to larger questions of culture production and artistic expression. Students in the B.S. cinema production concentration and B.F.A. degree in film, photography and visual arts may repeat the course once. Corequisite: CNPH 20300 Cinema in Exhibition for students in B.S. Cinema & Photography - Cinema Production concentrations only. Prerequisite: One course in the humanities or fine arts. (F-S)

4 Credits

CNPH 21400 Hollywood and American Film (LA)

The focus is on the historical, economic, and social formations in the evolution of a wide range of American cinemas, including Hollywood, independent work, documentary, experimental, and hybrid forms. A survey and analysis of films of representative American directors, styles, and genres will be conducted. (S)

Attributes: CA, HM, HU, TIDE, TWOS

4 Credits

CNPH 22000 Cinematic Currents (NLA)

Study of the cinema production process using significant works representative of important historic and contemporary ideas and movements. Screenings and readings guide discussions and analysis geared toward providing familiarity with a broad range of production models and connecting them to larger questions of culture production and artistic expression. Students in the B.S. cinema production concentration and B.F.A. degree in film, photography and visual arts may repeat the course once. Prerequisites: Sophomore standing or above. (F-S)

4 Credits

CNPH 22400 Cinema Production 2 (NLA)

In this intermediate-level motion picture production course, students complete several works of cinema, continuing where Cinema Production I left off in both technical and artistic sophistication. Students will make significant progress in the areas of sound design, cinematography, directing, and editing. Prerequisites: CNPH 11100. (F-S)

Attributes: CCCS

4 Credits

CNPH 24000 History of Photography (LA)

Study of photography from its beginning to its emergence as an important means of communication and expression. Critical examination of the growth and relationship of the contribution of photography to the visual arts. The development of the medium is seen through the eyes of past and present masters who struggled to understand and perfect it. Prerequisites: Nonmajors must have at least sophomore standing. (S)

Attributes: HU, MAP

3 Credits

CNPH 24200 Intermediate Photography (NLA)

Rigorous immersion in color processes and aesthetic concerns. Further technical mastery of image making, including large-format film, digital acquisition, high-resolution scanning, color control, and digital color output. Coursework introduces different modes of working and genres in the medium of photography. Students are asked to employ the various techniques to solve a variety of conceptual and aesthetic problems in the medium. Prerequisites: CNPH 14100. (F-S)

Attributes: CCCS

4 Credits

CNPH 29200-29244 Minicourses in Cinema, Photography, and Media Arts (NLA)

A series of short courses in specialized areas of cinema, photography, and media arts that do not meet the College guidelines for liberal arts designation. Department faculty participate in their areas of expertise. Cannot repeat specific topics. Prerequisites: Vary depending on the topic; refer to Undergraduate Course Offerings each semester; sophomore standing. Pass/fail. (IRR)

1 Credit

CNPH 30000 Fiction Film Theory (LA)

Close visual analysis of film, focusing on cinematographic and directorial aspects of film style. Detailed examination of specific films and various theories. Prerequisites: CNPH 10100; at least two level-2 liberal arts courses, and WRTG 10600 or equivalent. (F)

Attributes: SCE, WI

3 Credits

CNPH 30100 History and Theory of Documentary (LA)

Investigation of the social, historical, cultural, and aesthetic implications of nonfiction film through historical overview of various films. This course uses social theory, economic theory, ethnography, historiography, and documentary theory to explore the intersection of historical contexts and film movements. Prerequisites: CNPH 10100 or TVR 12200; at least two level-2 liberal arts courses, and WRTG 10600 or equivalent. (S)

Attributes: HU, SCE, WI

3 Credits

CNPH 30200-30205 Selected Topics in Cinema and Photography (LA)

Intensive exploration and analysis of a specific area of film study, allowing students to concentrate their study in an upper-level course. Depending on faculty research interests and student demand, this course may cover genres, periods, directors, and other cinematic conceptual frameworks. Prerequisites: CNPH 21400 or level-2 course with an HU designation; permission of instructor. (IRR)

Attributes: SCE

3 Credits

CNPH 30400-30417 Selected Topics in Photography (NLA)

Exploration and analysis of a specific area of photography. Topics vary based on student demand and on faculty expertise and research interest. Prerequisites: CNPH 14100, CNPH 24200, or may vary depending on topic – refer to Undergraduate Course Offerings each semester. (F-S)

4 Credits

CNPH 30418 ST: Photography (NLA)

Exploration and analysis of a specific area of photography. Topics vary based on student demand and on faculty expertise and research interest. Prerequisites: CNPH 14100, CNPH 24200, or may vary depending on topic – refer to Undergraduate Course Offerings each semester. (F-S)

4 Credits

CNPH 30500 Contemporary Film Criticism (LA)

Analysis and evaluation of contemporary films and criticism. Students trace current feature films to their artistic and cinematic roots and assess the value of the new offerings. At the same time, they evaluate national criticism (not reviews) of the new offerings. (IRR)

Attributes: SCE

3 Credits

CNPH 31000 British Comedy: Film, Television, and Radio (LA)

Exploration of the development of the cultural characteristics of British Comedy programming for cinema, television, and radio. This class traces the evolution of comedic forms, and surveys contemporary genres—sketch, broken, sitcom, satire, stand-up, improv, the impressionists, and "sit-trag." Only offered in London. Prerequisites: three courses in humanities (HU) and/or social sciences (SS), junior standing and acceptance into the Ithaca College London Program. (Y)

Attributes: SCE

3 Credits

CNPH 32100 Advanced Cinema Production: Fiction (NLA)

This intensive, advanced-level course examines cinema as a form of storytelling. Students produce their own cinema projects and critical papers to familiarize themselves with techniques of aesthetics specific to narrative cinemas. A final project of the student's design and participation in a culminating public exhibition of work from the class are required. Prerequisites: CNPH 22400. (F-S)

4 Credits

CNPH 32200 Advanced Cinema Production: Nonfiction (NLA)

This intensive, advanced-level course examines the relationship between the theory and practice of cinematic documentary. Students produce short cinema projects and critical papers to familiarize themselves with techniques and aesthetics specific to documentary modes of cinema. A final project of the student's design and participation in a culminating public exhibition of work from the class are required. Prerequisites: CNPH 22400 or TVR 29900; open only to students in the B.S. cinema and photography, B.F.A film, photography, and visual arts, or B.A. documentary studies and production programs. (S)

4 Credits

CNPH 32300 Advanced Cinema Production: Experimental (NLA)

This intensive, advanced-level course examines cinema as a visual art form akin to painting, photography, and sculpture. Readings, lectures, and screenings are used to develop a basic context for relevant critical, historical, and theoretical issues, with emphasis placed on the various formal, conceptual, structural, and post-structural ideas that characterize 20th-century modern and contemporary art. Students produce their own cinema projects and critical papers to familiarize themselves with these ideas and practices. A final project and participation in a culminating public exhibition of work from the class are required. Prerequisites: CNPH 22400. (F)

4 Credits

CNPH 32400 Advanced Cinema Production: Animation (NLA)

Builds on animation fundamentals while giving students an opportunity to develop and create more ambitious animated projects. In the context of these projects, we will continue to discuss industry production methods, watch contemporary animators' work and examine the role changing technology plays in production. Prerequisite: MASS 20100. (Y)

4 Credits

CNPH 33001 Special Topics in Advanced Cinema Production (NLA)

Exploration of a specific area of cinema production, designed to enhance and enrich the traditional production curriculum and provide significant professional training for an ever-changing discipline. Subjects will likely include, but are not limited to: cinematography, sound design, advanced editing, alternative special effects, and directing for the screen. Topics will vary to reflect current and future trends in cinema production, as well as student demand and faculty expertise. Prerequisites: CNPH 22400. (Y)

4 Credits

CNPH 33002 ST: Adv. Cinema Production (NLA)

Exploration of a specific area of cinema production, designed to enhance and enrich the traditional production curriculum and provide significant professional training for an ever-changing discipline. Subjects will likely include, but are not limited to: cinematography, sound design, advanced editing, alternative special effects, and directing for the screen. Topics will vary to reflect current and future trends in cinema production, as well as student demand and faculty expertise. Prerequisites: CNPH 22400. (Y)

4 Credits

CNPH 33003-33009 Special Topics in Advanced Cinema Production (NLA)

Exploration of a specific area of cinema production, designed to enhance and enrich the traditional production curriculum and provide significant professional training for an ever-changing discipline. Subjects will likely include, but are not limited to: cinematography, sound design, advanced editing, alternative special effects, and directing for the screen. Topics will vary to reflect current and future trends in cinema production, as well as student demand and faculty expertise. Prerequisites: CNPH 22400. (Y)

4 Credits

CNPH 33010 ST: Adv. Cinema Production (NLA)

Exploration of a specific area of cinema production, designed to enhance and enrich the traditional production curriculum and provide significant professional training for an ever-changing discipline. Subjects will likely include, but are not limited to: cinematography, sound design, advanced editing, alternative special effects, and directing for the screen. Topics will vary to reflect current and future trends in cinema production, as well as student demand and faculty expertise. Prerequisites: CNPH 22400. (Y)

4 Credits

CNPH 33011 Special Topics in Advanced Cinema Production (NLA)

Exploration of a specific area of cinema production, designed to enhance and enrich the traditional production curriculum and provide significant professional training for an ever-changing discipline. Subjects will likely include, but are not limited to: cinematography, sound design, advanced editing, alternative special effects, and directing for the screen. Topics will vary to reflect current and future trends in cinema production, as well as student demand and faculty expertise. Prerequisites: CNPH 22400. (Y)

4 Credits

CNPH 34200 Contemporary Photographic Genres (LA)

Through lectures, discussions, and production of photographic works, the student explores a range of key genres current in the field. Class locates contemporary photographic practices within a lineage of art historical, philosophical, and creative conversations from modernism, through postmodernism, to the current cultural moment. Photographic theories, criticism, classification, and aesthetics are explored and brought to bear on the student's photographic work. Prerequisites: Junior standing, CNPH 24000 and CNPH 24200. (F)

4 Credits

CNPH 42000 Thesis Cinema Production (NLA)

Individual experience preparatory to graduate study and careers in cinema production. This course is designed to bring together ideas, processes, practices, and theories in the service of the production of a substantial work of cinema. Students will pursue an entire project from conception to completion, combining intensive preproduction, production, and post-production with in-depth instruction on lab work, distribution, and exhibition. Throughout the course, emphasis is placed on instructor, peer, and self-critique. In addition to completion of the final production, students are expected to generate an essay that situates their work within the history of the medium and contextualizes its relationship to current intellectual and creative debates. Prerequisites: CNPH 23300 or MASS 13400, CNPH 30000, or CNPH 30100; CNPH 32100, CNPH 32200, CNPH 32300, or CNPH 32400; senior standing. (F-S)

4 Credits

CNPH 44300 Photo Workshop (NLA)

Individual experience preparatory to graduate study and to careers in photography. Designed to fit the individual student's background and interests. May include research projects or advanced photography. Course participants are expected to complete an artist's essay that situates their work within the history of the medium and contextualizes its relationship to current intellectual and creative debates. Students may take a second semester of this course with permission of instructor. Prerequisites: CNPH 14100; CNPH 24200; 1 course from CNPH 30400-30499; senior standing. (F-S)

Attributes: UND

4 Credits

CNPH 45000 Cinema Production Practicum (NLA)

Capstone-level motion picture production course in which students undertake the primary creative and professional roles in a significant project under the direct supervision of a faculty specialist. The nature of the project will vary with each offering. Prerequisites: CNPH 11100; CNPH 22400; CNPH 32100, CNPH 32200, CNPH 32300, or CNPH 32400; senior standing; faculty permission. (IRR)

4 Credits

CNPH 49000 Internship: Cinema and Photography (NLA)

Jointly supervised work experience with a cooperating institution in the field of cinema or photography, intended to motivate the intern toward professional growth through observation and participation, to provide opportunities to meet active professionals, and to stimulate career planning. Skills and academic knowledge will be put into practice. May be repeated. Prerequisites: Junior cinema and photography or film, photography, and visual arts major or minor; completion of the Park School internship procedures. Total may not exceed including London and Los Angeles internships. (F,S,U,W)

1-8 Credits

CNPH 49800 London Communications Internship (NLA)

A limited number of internships with cooperating institutions or organizations are available to communications majors. The jointly supervised work experience offers the opportunity to learn through observation and participation in a professional setting. Prerequisites: Junior or senior standing; completion of Park School internship procedures; approval of the dean in the semester preceding the London registration. Pass/fail only. (F-S) See "London Center."

3-6 Credits

CNPH 49900 Independent Study: Cinema and Photography (LA)

Intensive study of one of the following problems under the supervision of a faculty adviser: program evaluation, scriptwriting, production, programming, film and cinema studies, contemporary issues in communications. Comprehensive research paper and/or project is required. Prerequisites: Junior cinema and photography or film, photography, and visual arts major. (F-S)

1-4 Credits

Media Arts, Sciences & Studies (MASS)**MASS 10100 History of Narrative Film, Television, and Emerging Media Part I (LA)**

A survey of narrative film and television from the perspective of the screenwriter. The course will explore the evolution of storytelling from the dawn of cinema in the 1880s to The Golden Age of Television in the 1950s and films of the early 1960s. The focus of the course will be narrative works of fiction and not experimental or documentary media. Weekly class screenings and readings will introduce students to important cinematic works and television milestones. Students will be expected to read and view additional content outside of class. Class discussions will focus on the evolution of the narrative and important historical influences. (F)

3 Credits

MASS 10200 History of Narrative Film, Television, and Emerging Media Part II (LA)

A survey of narrative film, television, and emerging media from the perspective of the screenwriter. The course will explore the continued evolution of storytelling in film, television, and emerging media from the New Hollywood era of the 1960s through the end of the millennium. The focus of the course will be narrative works of fiction and not experimental or documentary media. Weekly class screenings and readings will introduce students to important cinematic works, television milestones, and emerging media developments. Students will be expected to read and view additional content outside of class. Class discussions will focus on the evolution of the narrative and important historical influences. (S)

3 Credits

MASS 10400 Story: From Cave Paintings to Emerging Media (LA)

Students will explore story in myriad forms, from cave paintings to film, television, video games, and emerging media. Part lecture, part writing workshop, the course is designed to provide students with a foundation in the principles of dramatic structure. (F,S)

3 Credits

MASS 13400 Writing for Screen Media (LA)

An introduction to the theory and practice of writing for film, television, and emerging media. Instruction in the fundamentals of visual writing, character, plot, dialogue, and theme, as well as the integration of these elements into scenes and short scripts. (F-S)

3 Credits

MASS 20100 Introduction to Animation (NLA)

Intensive exploration of the art and craft of animated cinema. Through directed productions, screenings, readings, and workshops, students develop experience in a range of processes, compositing techniques, as well as digital and traditional methods. Prerequisites: CNPH 11100 or TVR 11500. (F-S)

4 Credits

MASS 20200 Introduction to Stop Motion Animation (NLA)

Are you a fan of Wallace and Grommet? Ever wonder how Nightmare Before Christmas was made? This course is a hands-on exploration of how to design, construct, and animate 3D models. Using stop-motion techniques, you will construct animation characters based on your design and use digital tools to capture their movements. We will also look into the history and traditions of this type of animation and discuss aesthetic trends and theories. Prerequisites: CNPH 11100 or TVR 11500. (IRR)
4 Credits

MASS 23300 Structuring the Feature Film (LA)

Theory and practice of screenwriting, with analysis of both classic and contemporary screenplays. Students focus heavily on the pre-writing process, drafting a treatment and step-outline for an original feature-length screenplay. Students participate in written and oral critiques of each other's work and complete, at minimum, the first act of a feature screenplay. Prerequisites: MASS 13400. (F-S)
3 Credits

MASS 23600 Writing for Series TV (LA)

Theory and practice of dramatic writing for series television with analysis of half-hour and hour-long television scripts. The course will feature a writing workshop where students focus on pitching stories, structuring multiple story lines and capturing character voices for their own original episode of an existing series. Prerequisites: MASS 13400. (F-S)
4 Credits

MASS 33300 Writing the Feature Film (LA)

Advanced theory and practice of screenwriting, with continued analysis of both classic and contemporary screenplays. Utilizing the pre-writing skills learned in MASS 23300, students will complete the first draft of an original feature-length screenplay and participate in written and oral critiques of each other's work. Prerequisites: MASS 23300. (F,S)
4 Credits

MASS 33400 Writing for Series TV (LA)

Theory and practice of dramatic writing for series television with analysis of half-hour and hour-long television scripts. The course will feature a writing workshop where students focus on pitching stories, structuring multiple story lines and capturing character voices for their own original episode of an existing series. Prerequisites: MASS 23300; Junior standing. (F; F-S in Los Angeles)
4 Credits

MASS 33500 Writing for Video Games and Emerging Media (LA)

An examination of the process of creating non-linear narratives. Students will develop an idea for an original video game, a video game based on an existing literary property, or an idea for a multi-platform narrative - and write parts of that narrative. Students will also study existing non-linear narratives to explore the basic principles of writing and they will examine the needs and expectations of the audience/viewer/player for immersive/interactive media and that of established media. Prerequisites: MASS 23300. (Y)
4 Credits

MASS 33600 Writing the Series Pilot (LA)

Theory and practice of dramatic writing for series television with analysis of original pilot scripts and series bibles. In a writing workshop students focus on creating a story world and a core cast of characters for their own original series. They will structure a step-outline for the first episode and write the pilot script. Prerequisites: MASS 23600. (F,S)
4 Credits

MASS 33701-33703 Selected Topics in Writing for Screen Media (LA)

Exploration and analysis of a specific genre or type of writing for screen media, designed to enhance and enrich the established writing for the screen curriculum. Topics will vary to reflect current and future trends in writing for screen media. May be repeated once for credit under a different topic. Prerequisites: MASS 23300, MASS 33400; junior standing. (Y)
4 Credits

MASS 43300 Thesis Screenwriting (LA)

Capstone workshop in the theory and practice of writing feature-length narrative screenplays. Students complete an original feature-length screenplay, with an emphasis on instructor and peer critique of works-in-progress. Prerequisites: MASS 33300. (F,Y)
4 Credits

MASS 43400 Thesis Writing for Screen Media (LA)

Capstone workshop in the theory and practice of writing for the screen. Students work individually or in teams to create original works for film, television, or emerging media, with an emphasis on instructor and peer critique of works-in-progress. Prerequisites: One course from the following: MASS 33300, MASS 33500, MASS 33600, MASS 33701-30. (S)
4 Credits

MASS 43500 Thesis Writing for Emerging Media (LA)

Capstone workshop in the theory and practice of creating screen narratives. Students work individually or in teams to create stories for video games, virtual worlds, or transmedia properties. Students critique each other's works-in-progress before turning in their own completed portfolio. Prerequisites: MASS 33500. (F)
4 Credits

MASS 43600 Thesis TV Writing (LA)

Capstone writing workshop in which students complete two original projects - one individual and one in a group. For the individual project, each student will conceive, outline and draft the pilot episode of an original comedy or drama. For the group efforts, students will collaborate to develop a second original pilot as if they would in a professional writer's room. Prerequisites: MASS 33600. (F,Y)
4 Credits

Television Radio (TVR) & Emerging Media (EMED)

EMED 12000 Introduction to Emerging Media (LA)

Introduction to emerging media and related issues, both social and technical. Focus on the history and current state of emerging media using relevant theories, areas of practice, applications, and media literacy. Discussion, research, writing, and group collaborative work focused on challenges and opportunities in the field of emerging media. (F,Y)
Attributes: SCE
4 Credits

EMED 21400 Design of New Media: Theory, Function and Analysis (LA)

Fundamental principles of design, function, and usability of new media technology, including games, mobile applications, web-based media, and other digital media platforms. Assessment of examples of new media designs for strengths, limitations, and usability; exploration of rules, techniques, and problem-solving strategies that go into the creation of new media applications and platforms. Open to majors in emerging media. Prerequisites: EMED 12000. (Y)
4 Credits

EMED 31300 Topics in Media Law and Policy (LA)

Overview of First Amendment theory, legal precedent, copyright, libel, and privacy as applied to existing and emerging digital media, followed by an in-depth investigation of specific new media law and policy issues determined by faculty expertise and student interest. Prerequisites: EMED 12000, TVR 12100, or TVR 12400; Emerging Media majors; junior standing. (IRR)

4 Credits

EMED 31400 Emerging Media Research Methods and Critical Inquiry (LA)

This course covers both quantitative and qualitative research methods in fields related to communication and information technologies, including sampling, survey, experiment, systematic content analysis, in-depth interviews, focus groups, and qualitative content analysis. Review of literature, identification of basic concepts, problems, responsibilities, and research ethics; procedures and basic techniques of open source computational data analysis; hypothesis testing and statistical interpretation and analysis; and critical inquiry. A research project is required. Prerequisites: COMP 20200, EMED 21400 and Major in Emerging Media. (Y)

4 Credits

EMED 32000 Utopias and Dystopias of Emerging Media (LA)

Analysis of theoretical, social, economic, political, technological, and cultural perspectives that impact and are impacted by new and emerging media technologies. Theoretical framework or technological focus defined by contemporary issues and student interest. Prerequisites: WRTG 10600 or ICSM 108xx or ICSM 118xx; EMED 12000 or TVR 12400. (Y)

Attributes: SCE

4 Credits

EMED 38500 Emerging Media Junior Project (NLA)

Hands-on introduction to project design, development, implementation, and testing, with emphasis on the knowledge and skills required to successfully complete the production cycle, including team dynamics, market analysis, project management, documentation, and testing. Students work in teams on projects assigned by the instructor.

Prerequisites: TVR 21400; Junior Standing; Emerging Media Majors. (S)

4 Credits

EMED 48500 Emerging Media Capstone (NLA)

Working as part of a team, the students design, develop, and document a significant emerging digital media project. Prerequisites: EMED 38500; Emerging Media Majors. (S)

4 Credits

TVR 10100 Introduction to Media Production (NLA)

An applied, practical introduction to the fundamentals of audio and video electronic media production. Covers theory, terminology, and techniques, with an emphasis placed on the function and operation of various analog and digital equipment. The basic technical and aesthetic skills of both radio production and television studio production are covered. Open to sport media majors in the spring semester. (IRR)

Attributes: CCCS

4 Credits

TVR 10500 Introduction to Audio (NLA)

An applied practical introduction to the fundamentals of audio. Covers theory, terminology, and technique, with emphasis on the function and operation of various analog and digital used for audio acquisition, mixing and output. The basic technical and aesthetic audio skills for radio, television, cinema, and new media production and post-production are covered. Prerequisites: Majors in television-radio; emerging media, - media design and production concentration or minors in audio production. (F-S)

Attributes: CCCS

3 Credits

TVR 10700 Introduction to Television Studio Production (NLA)

Introductory course that explores the techniques and purpose of various television studio productions through direct hands-on experience. Offers students the opportunity to engage in the many facets of television studio production through a variety of projects and exercises.

Prerequisites: Television-radio majors only. (F-S)

Attributes: CCCS

4 Credits

TVR 11500 Introduction to Field Production (NLA)

Introduction to electronic field production techniques, including portable field camera operation, video editing, lighting, scripting, media aesthetics, and logistics. Students will develop both their creative and technical skills through a combination of production exercises, projects, readings, and critiques. (F-S)

Attributes: CCCS

4 Credits

TVR 12100 Introduction to Mass Media (LA)

Survey of American mass media with emphasis placed on the historical development, structure, organization, function, and effects of mass media in society. Discussion includes issues such as ethnic, racial, age, and sex-role stereotyping; violence; children and the media; and economic control and the role of governmental regulation. (IRR)

Attributes: SCE, SS

3 Credits

TVR 12200 Introduction to Media Aesthetics and Analysis (LA)

Teaches techniques and criteria for analysis of media productions.

Examines the basic production techniques used to communicate with visual images and sound. Topics such as light, composition, motion, sound, editing, and time may be covered. Aesthetics in the production, consumption, and critique of media are surveyed. (F-S)

Attributes: UND

3 Credits

TVR 12300 Introduction to Law and the Media (LA)

An introduction to law, lawyers, juries, and the legal system as portrayed in dramatic, news, and documentary television programming as well as in popular films. This course will study how the media and the legal system influence each other. Ethical issues concerning how the media portrays the legal system to the audience will be analyzed. Concepts including double jeopardy, jury tampering, hung juries, new trials, judicial misconduct, appeals processes, and judicial corruption will be discussed as they relate to the various contemporary television programming and films to be viewed in class. When possible, local judges or lawyers will appear on a discussion panel. (S)

3 Credits

TVR 12400 Introduction to Media Industries (LA)

Introduction to digital and electronic media industries, both traditional and emerging. Focus on ethical, legal technological, economic, and creative shifts resulting from new media platforms and cross-platform distribution. Discussion, research, writing, and group collaborative work focused on emerging challenges and opportunities in the new media environment. (F,S)

Attributes: SCE

4 Credits

TVR 13100 Media Writing (LA)

Exposure to a diverse selection of writing styles and formats used in the mass media. It will introduce critical, analytical, and applicable writing skills in areas such as audio, visual, and interactive media. (F-S)

Attributes: CCCS, MC

3 Credits

TVR 20600 British Media and the Global Context (LA)

Studies key aspects of British media in historical and cultural contexts. Students will research specific case studies of British media's global spread, influence, and links with global economy and culture. This course is offered only through the Ithaca College London Center. Prerequisites: Sophomore standing; acceptance into the Ithaca College London program. (Y)

3 Credits

TVR 21100 New Media Business and Economics (LA)

Investigates the range of business and economic models applicable to new and emerging media industries. Critiques business models that drive traditional media industries and reviews the economic and social viability of alternative business models for emerging media. Emerging media and television-radio majors. Prerequisites: TVR 12400. (Y)

Attributes: SS

4 Credits

TVR 21400 Design of New Media: Theory, Function and Analysis (LA)

Fundamental principles of design, function, and usability of new media technology, including games, mobile applications, web-based media, and other digital media platforms. Assessment of examples of new media designs for strengths, limitations, and usability; exploration of rules, techniques, and problem-solving strategies that go into the creation of new media applications and platforms. Open to majors in emerging media and television-radio. Prerequisites: TVR 12400. (Y)

4 Credits

TVR 21500 Fiction Field Production 1 (NLA)

Previously learned skills will be amplified, enhanced, and refined through a combination of in-class exercises and outside projects with equal attention to form and content. Emphasis will be placed on the development of ideas, storytelling, and greater sophistication in all areas of electronic field production. Prerequisites: TVR 11500 or CNPH 11100. (F-S)

4 Credits

TVR 22000 Global Flow of Information (LA)

A critical review and analysis of theories, policies, and issues in international and intercultural communication, as well as the flow of information among nations of the world through traditional and contemporary communication channels. Includes interpersonal communications, the mass media, satellite communications, diplomacy and international conventions. Readings and discussions of research studies demonstrate the interconnections of communication and international relations. Emphasis is placed on the impact of the flow of information on political, economic, cultural, legal, and social aspects of various countries and regions. Prerequisites: One course in the social sciences. (F)

Attributes: SCE, WGS, WGS1

3 Credits

TVR 22500 Television Production and Direction (NLA)

This intermediate studio television production course builds upon basic production techniques. Video aesthetic theories will be applied in creative studio productions. Prerequisites: TVR 10700 and TVR 11500. (F-S)

4 Credits

TVR 23500 Editing (NLA)

You will be editing a variety of video materials in differing genres with the goal of gaining better fluency with fundamental aspects of story design, organizational strategies, software techniques, and workflow processes related to the genre in question. This course will be taught with Adobe Premiere Pro editing software and will include effective workflow processes between it and other software, including After Effects, Audition, ProTools and DaVinci Resolve. Prerequisites: TVR 11500 or CNPH 11100. (F,S)

4 Credits

TVR 25100 Critical Thinking and Mass Communication (LA)

An applied introduction to critical thinking skills, relevant to many disciplines. Presents practical techniques for evaluating information and identifying propaganda. Useful to journalists and media professionals, and also for media consumers who rely on print, broadcast, and online sources for information. Students who take CLTC 11000 are not permitted to take this course. Prerequisites: Sophomore standing. (F-S)

3 Credits

TVR 26000 Quantitative Mass Media Research Methods (LA)

A basic introduction to quantitative research methods in mass communications, including sampling, survey, experimental, and content analysis. Review of literature, identification of basic concepts, problems, responsibilities, and research ethics; procedures and basic techniques of computer data analysis. A research project is required. Prerequisites: TVR 12100 or TVR 12400. (IRR)

3 Credits

TVR 26200 Qualitative Mass Media Research Methods (LA)

A basic introduction to theories and research skills used in qualitative research as applied to mass communication. Major topics include cultural studies theories, ethnography, historical research, depth interviews, qualitative content analysis, and focus groups. Review of literature, identification of basic concepts, problems, and responsibilities. A research project is required. Prerequisites: TVR 12100 or TVR 12400. (IRR)

Attributes: CCRM

3 Credits

TVR 26300 Mass Media Research Methods (LA)

A basic introduction to quantitative and qualitative research in mass communications, including sampling, survey, experiment, systematic content analysis, in-depth interviews, focus groups, and qualitative content analysis. Review of literature, identification of basic concepts, problems, responsibilities, and research ethics; procedures and basic techniques of computer data analysis; hypothesis testing and statistical interpretation and analysis. A research project is required. Prerequisites: TVR 12100 or TVR 12400. (F/S)

Attributes: QL

4 Credits

TVR 27100 Audio Production (NLA)

Examines the theory and practice of audio production and highlights the unique properties of the medium. The concept of sound design is examined as applied to programming intended for persuasion, information, and entertainment. In addition to providing hands-on experience through production exercises and projects, the course places considerable emphasis on aesthetic analysis of audio products through a series of "critical listening" exercises. Prerequisites: TVR 10100 or TVR 10500 (or MUMC 14500 for students in sound recording technology major only). (F-S)

4 Credits

TVR 29200-29309 Minicourses in Communications (NLA)

A series of short courses in specialized areas of communication that do not meet the College guidelines for liberal arts designation. Visiting lecturers and faculty of the school participate in areas of their expertise. May not receive credit for both GCOM 29219 and TVR 29201. Prerequisites: Vary depending on the topic; refer to the class schedule on HomerConnect each semester. Pass/fail. (IRR)

1-2 Credits

TVR 29800 Exploring the Documentary (LA)

An exploration of the documentary with an emphasis on history and appreciation, useful to consumers and producers who would like to learn more about the form. Topics include documentary "truth," subgenres, production styles, and evolution of documentary from cinema to television and the World Wide Web. Prerequisites: CNPH 10100 or TVR 12200. (F/S)

3 Credits

TVR 29900 Nonfiction Production (NLA)

An intermediate-level documentary production course that emphasizes the production skills, the storytelling concepts, and the legal and ethical framework for successful documentary productions. Also covered are different stylistic approaches to the genre, concepts related to the documentary maker's "voice" within his or her work, subgenres within the documentary format, and distribution, fund-raising, and research strategies. Prerequisites: TVR 11500 or CNPH 11100. (Y)

4 Credits

TVR 30400 Advanced Studio Production (NLA)

An advanced studio television course expanding on established production skills acquired in previous courses while introducing additional concepts and techniques required for complex multicamera productions. Through producing, writing, and directing a variety of programs, students will apply production theories and concepts within a digital production environment. Prerequisites: TVR 11500; TVR 22500. (F-S)

4 Credits

TVR 30900 Motion Graphics and Animation (NLA)

This course will introduce motion graphics and animation techniques using traditional and computer forms. Theoretical and conceptual approaches to motion graphics design and techniques will be explored using international examples. Students will complete several animation projects with increasing complexity during the semester. Prerequisites: TVR 11500 or CNPH 11100; television-radio or emerging media major or cinema and photography or film, photography and visual arts; sophomore standing. (Y)

4 Credits

TVR 31000 Experimental Media: Production and Criticism (NLA)

Examines the history and theory of experimental video, electronic, and digital media as a cross-disciplinary visual and aural art form that emerged from several art disciplines and the associated developing technologies. An active hands-on exploration of the wide variety of aesthetic strategies used in the conceptualization, creation, presentation, and exhibition of electronic media. By designing individual and collaborative projects, students gain a broader awareness of the field and the technical and creative innovations that have shaped the contemporary art culture and the media arts industries. Prerequisites: TVR 11500 or CNPH 11100; television-radio, emerging media, cinema and photography, or film, photography, and visual arts major; sophomore standing. (Y)

Attributes: UND

4 Credits

TVR 31200 Government and Media (LA)

Provides an understanding of the policy-making process used to formulate various regulations that govern the media. The role of relevant policy-making bodies, such as Congress, the courts, Federal Communications Commission, and lobby groups, are discussed. Specific regulation concerning the First Amendment, obscenity, libel, privacy, copyright, commercial speech, access to information, antitrust, etc., are also examined. A major research paper on a relevant media regulation topic is required. Prerequisites: TVR 12100, TVR 12400, JOUR 11100, or STCM 10300; television-radio, journalism, documentary studies and production, integrated marketing communications, or emerging media major; junior standing. (F-S)

Attributes: LMAL, LMEL, LSCO

3 Credits

TVR 31300-31305 Topics in Media Law and Policy (LA)

Overview of First Amendment theory, legal precedent, copyright, libel, and privacy, followed by an in-depth investigation of specific media law and policy issues determined by faculty expertise and student interest. Prerequisites: TVR 12100, TVR 12400, JOUR 11100, or STCM 10300. Television-radio, documentary studies and production, integrated marketing communications, journalism or emerging media majors; junior standing. (IRR)

Attributes: LMAL, LMEL, LSCO

4 Credits

TVR 31500 Fiction Field Production 2 (NLA)

This course has two primary agendas, one aesthetic and one technical. The aesthetic focus is on creative authorship, personal vision, and the exploration of strategies and methods for transforming vision into reality. The technical focus is on increasing sophistication and skill within specific areas of field production: sound recording, camera work, lighting, production planning, and computer-based nonlinear editing systems. Prerequisites: TVR 21500 or CNPH 22400, and TVR 10500. (Y)

4 Credits

TVR 32000 Topics in Media Technology (LA)

Analysis of theoretical, social, economic, political, technological, and cultural perspectives that impact and are impacted by new and emerging media technologies. Theoretical framework or technological focus defined by faculty expertise and student interest. Prerequisites: WRTG 10600 or ICSM 108xx or ICSM 118xx; TVR 12100 or TVR 12400; junior standing; television-radio or emerging media majors. (Y)

Attributes: DV, WI
4 Credits

TVR 32200 New Telecommunications Technologies (LA)

Examines the development of new technologies and communication networks. The structure of the marketplace, government policy, and the social impacts of new technologies are discussed. Issues such as globalization, computer security, privacy, and changes in regulations may be covered. Prerequisites: TVR 12100 or TVR 12400; two level-2 courses in one or more of the following fields: television-radio, psychology, sociology; junior standing. (F-S)

3 Credits

TVR 32400 European Mass Media (LA)

A comparative study of Western and Eastern European mass media, with emphasis placed on their historical development, structure, organization, function, and effects in society. Issues discussed include privatization, satellite broadcasting, East-West media relations, and contemporary political use of the mass media. Prerequisites: Three courses in social sciences; junior standing. (F)

Attributes: SS
3 Credits

TVR 32500 Seminar in Development Communications (LA)

A forum for discussion and analysis of various issues involved in the use of mass media in the development effort of third world countries. Examples in a number of African and Asian nations are used to illustrate the use of media support in the development process, successfully or otherwise. External and internal forces that affect media implementation are analyzed. The issue of a communications workforce, its lack in third world countries, and its impact on the present state of affairs are discussed. Prerequisites: Three courses in social sciences; junior standing. (IRR)

Attributes: UND
3 Credits

TVR 32700 Program Development for Entertainment Media (NLA)

Exploration and application of the creative process for developing program content for entertainment media industry. Students will work with true events or novels for features, television movies, series and Internet distribution. Analysis of creative properties and case studies will exemplify the most effective means for producers, writers, directors, and programmers to develop concepts for the theatrical and television marketplace. Prerequisites: restricted to majors in television-radio; cinema & photography; film, photography, and visual arts; writing for film, television, and emerging media; Junior standing. (Y)

4 Credits

TVR 33100 Production Management for Film, Television and New Media (NLA)

Will provide a working knowledge of the role of the executive and line producer in pre-production through post-production on a film, television or new media project. Topics that will be covered include: production planning, budgeting, scheduling, business considerations and post-production management. Prerequisites: TVR 32700 or permission of instructor. (IRR)

3 Credits

TVR 33500 Electronic Media Criticism (LA)

Critical exploration of the complex role television programming plays in the cultural representation and construction of marginalized social groups and the medium's treatment of issues related to gender, race, class, and sexuality. The course analyzes from a historical, industrial, economic, and social perspective how classical and contemporary television shows both perpetuate and challenge negative stereotyping and false social myths related to sexism, racism, transphobia, and homophobia. Prerequisites: TVR 12100 or TVR 12400; CNPH 10100; WRTG 10600 or ICSM 10800/11800. (FS)

Attributes: DV, SCE, WGS, WGS3, WI
3 Credits

TVR 35200 British Media and Society (LA)

A study of the role and function of media in modern societies, the effects and impact of the mass media, and the media as agents of democracy. An analysis of the relationship of British media to British society in the postwar period through examination of a wide range of material – news, current affairs, documentary, drama, situation comedy. Prerequisites: Junior standing or above. (F)

Attributes: SS
3 Credits

TVR 37100 Advanced Audio Production (NLA)

The study and application of the creative capabilities of advanced audio equipment. Students learn the theory and techniques of sophisticated audio production, including analog and digital multi-track recording, mixing, signal processing, live remote recording, digital editing, creative sound production, and sound design for other media. Prerequisites: TVR 27100. (F)

4 Credits

TVR 38500 Emerging Media Project (NLA)

Hands-on introduction to project design, development, implementation, and testing, with emphasis on the knowledge and skills required to successfully complete the production cycle, including team dynamics, market analysis, project management, documentation, and testing. Students work in teams on projects assigned by the instructor. Cross-listed with COMP 38500; students cannot receive credit for both COMP 38500 and TVR 38500. Open only to Emerging Media majors. Prerequisites: COMP 20200; Junior Standing. (S, Y)

4 Credits

TVR 40000-40004 Topics in Media Production (NLA)

Exploration of a specific area of advanced media production through focused study and application. Topics will vary. Offerings may include, but not be limited to advanced remote multi-camera production; broadcast performance, advanced techniques in directing and producing; advanced studio and location lighting; advanced animation; 3-D modeling and special effects. Prerequisites: Junior standing, television-radio, cinema and photography, film, photography and visual arts, or emerging media major; permission of instructor. (Y)

1-4 Credits

TVR 41200 Selected Topics (LA)

Exploration and analysis of a specific area of communication. Topics vary based both on student demand and on faculty expertise and research interest. Course content and pedagogical methods meet the College guidelines for liberal arts designation. May be repeated once. Not a production course. Total number of credits in any combination of TVR 41200, TVR 41210, GCOM 41200, GCOM 41210, OCLD 39000, and OCLD 39010 may not exceed 6. Prerequisites: Junior standing; others vary depending on the topic. Refer to Undergraduate Course Offerings each semester. (IRR)

Attributes: UND

3 Credits

TVR 43100 Advanced Writing for Television and Radio (NLA)

Practice and guidance for advanced students in writing television scripts, with special attention in conference to individual writing problems.

Prerequisites are either option A: TVR 13400, TVR 33300, WRTG 10600, or WRTG 10700; or option B: CNPH 10100, CNPH 23300, CNPH 33300. (S)

3 Credits

TVR 46000 Senior Seminar (LA)

Informed by social, cultural, critical, economic, and/or legal theories, these seminars offer in-depth explorations and analyses of the complex relationship among the mass media, individuals, social institutions, industries, and/or culture. Topics vary based on faculty expertise and research interest. Prerequisites: Senior television-radio major, culture and communication major, or emerging media majors; and TVR 31200. (F-S)

Attributes: UND

3 Credits

TVR 46200 Seminar in Geomedia (LA)

This advanced seminar is concerned with the analysis of conglomeration and globalization processes as they affect print and broadcast media today. While the main focus is on international news and information, some attention is also given to other media industries. The course also examines citizens' and nongovernmental organizations' responses to globalization locally, nationally, and internationally. The course covers readings and analytical frameworks in several disciplines, including traditional market economics, Marxist analysis, feminist analysis, postcolonial analysis, and world system theory. Students take major responsibility for leading discussions and have an opportunity to research an issue of personal interest within the context of the seminar.

Prerequisites: Three courses in social sciences. (S)

Attributes: WGSC

3 Credits

TVR 47100 Audio Workshop (NLA)

The course refines the student's abilities related to audio theory, professional digital audio equipment, critical listening, and the aesthetic analysis of audio products. Students record and edit an extensive audio project outside class. Students may take a second semester of this course with permission of instructor. Total may not exceed Prerequisites: TVR 37100. (S)

4 Credits

TVR 48500 Emerging Media Capstone (NLA)

Working as part of a team, the student designs, develops, and documents a significant emerging digital media project under the guidance of one or more faculty members. Cross-listed with COMP 48500; students cannot receive credit for both COMP 48500 and TVR 48500. Prerequisites: COMP 38500 or TVR 38500 with a minimum grade of C-. (S, Y)

4 Credits

TVR 49000-49001 Internship (NLA)

Jointly supervised work experience with a cooperating institution or corporation in the field of communications, intended to motivate the student toward professional growth through observation and participation, to provide opportunities to meet active professionals, and to stimulate career planning. Skill and academic knowledge are put into practice. May be repeated. Total credits may not exceed 12, including London and Los Angeles internships. Pass/fail only. Prerequisites: Junior television-radio, journalism, or media studies major or minor; completion of Park School internship procedures. (F-S)

Attributes: UND

1-8 Credits

TVR 49100 Senior Media Thesis (NLA)

Advanced work and special projects in writing, producing, and directing on an individual or small-group basis. Programs may be developed for broadcast on ICTV or produced for the professional production unit.

Prerequisites: television-radio, documentary studies and production, cinema and photography, or film, photography and visual arts major; senior standing; or permission of instructor. (Y)

4 Credits

TVR 49600 Documentary Workshop (NLA)

A challenging workshop and lecture course in which students carry out research, planning, production, and postproduction for a video documentary and formal program proposal. Major topics include documentary genres and techniques, criteria for selecting subject matter, primary and secondary sources of information. Only open to School of Communications majors. Prerequisites: TVR 29900 or TVR 21500 or CNPH 22400 or JOUR 21200; senior standing; or permission of instructor. (Y)

4 Credits

TVR 49700 Independent Project (NLA)

An independent project under the supervision of a faculty adviser, with the approval of the department chair. Possible projects include video/audio projects, script projects, and projects in journalism, advertising, or public relations. The outcome should be a completed work suitable for inclusion in a professional portfolio. May be repeated, but the total credits earned from all independent projects may not exceed 6. Prerequisites: Television-radio or integrated marketing communications major; junior or senior standing; permission of the department. (F-S)

3 Credits

TVR 49800 London Communications Internship (NLA)

A limited number of internships with cooperating institutions or organizations are available to communications majors. The jointly supervised work experience offers the opportunity to learn through observation and participation in a professional setting. Prerequisites: Junior or senior standing; completion of Park School internship procedures; approval of the dean in the semester preceding the London registration. Pass/fail only. (F-S) See "London Center."

3-6 Credits

TVR 49900 Independent Study (LA)

Intensive study under the supervision of a faculty adviser and the approval of the department chair. Possible topics include quantitative or qualitative research in an area relating to media production, consumption, regulation, or criticism. Comprehensive research paper (not project) is required. May be repeated, but the total credits earned from all independent study taken may not exceed 6. Prerequisites: Television-radio or integrated marketing communications major; junior standing; permission of department. (F-S)

1-6 Credits

Writing for Film TV and EM Major – B.F.A.

Learn more at the Department Page (p. 285)

Summary

Code	Title	Credits
Major credits required for the program:		66
Integrative Core Curriculum required credits: ¹		29
Other elective courses:		25
Total Credits		120

* *total credits to include 30 liberal arts credits and 48 credits outside the Roy H. Park School of Communications*

¹ see ICC requirements (p. 281) for Park School

Degree Requirements

Code	Title	Credits
Core Requirements		
GCOM 13000	Spark: Igniting your Future in Communications	1
MASS 10100	History of Narrative Film, Television, and Emerging Media Part I	3
MASS 10200	History of Narrative Film, Television, and Emerging Media Part II	3
MASS 10400	Story: From Cave Paintings to Emerging Media (ICC-CLA)	3
TVR 12400	Introduction to Media Industries (ICC-CLA)	4
MASS 13400	Writing for Screen Media	3
MASS 23300	Structuring the Feature Film (ICC-CLA)	3
MASS 23600	Writing for Series TV (ICC-CLA)	4
TVR 32700	Program Development for Entertainment Media	4
CNPH/TVR 49000	Internship: Cinema and Photography	6
Select one of the following:		4
CNPH 11100	Cinema Production 1	
CNPH 14100	Introduction to Photography	
TVR 11500	Introduction to Field Production	
Select one of the following:		3
CNPH 30000	Fiction Film Theory	
CNPH 30100	History and Theory of Documentary (ICC-WI)	
CNPH 30500	Contemporary Film Criticism	
TVR 33500	Electronic Media Criticism (ICC-WI, ICC-DV)	
Select two of the following:		8
MASS 33300	Writing the Feature Film	
MASS 33500	Writing for Video Games and Emerging Media	
MASS 33600	Writing the Series Pilot	
MASS 33701-MASS 33730	Selected Topics in Writing for Screen Media	

Select two of the following:		8
MASS 43300	Thesis Screenwriting	
MASS 43400	Thesis Writing for Screen Media	
MASS 43500	Thesis Writing for Emerging Media	
MASS 43600	Thesis TV Writing	
Select three of the following:		9
THEA 13100	Acting I	
WRTG 20500	Personal Essay	
WRTG 3xxxx	Level 3 Writing course	
ENGL 1xxxx	Level 1 English course	
ENGL 2xxxx	Level 2 English course	
Total Credits		66

A minimum of 30 credits designated Liberal Arts (LA) must be completed for a Bachelor of Fine Arts degree. In addition, the Integrative Core Curriculum must be completed. The Integrative Core Curriculum may be completed using elective/distribution credits, but may be re-used from the major requirements.

Cinema and Photography Major – B.S.

Learn more at the Department Page (p. 285)

The bachelor of science (B.S.) program in cinema and photography has two concentrations: cinema production, and still photography. Majors typically choose their concentration before registering for the first semester of their sophomore year.

Summary

Code	Title	Credits
Major Core Requirements		13
Major Concentration Requirements		30
Integrative Core Curriculum (ICC) Requirements ¹		29
Other Elective Courses		48
Total Credits		120

* **Total Credits** must include 60 liberal arts credits and 60 credits outside the Park School

¹ see ICC requirements (p. 281) for Park School

Degree Requirements

Code	Title	Credits
Major Core Requirements		
GCOM 13000	Spark: Igniting your Future in Communications	1
CNPH 10100	Introduction to Film Aesthetics and Analysis (ICC-CLA)	3
CNPH 11100	Cinema Production 1	4
CNPH 14100	Introduction to Photography (ICC-CLA)	4
GCOM 43000	Connecting the Dots: General Education Integration	1
Additional Requirements for Concentrations		
Select one concentration from the list below ¹		30
Total Credits		43

¹ *Cinema & Photography majors may declare only **one** concentration that **must** be declared by the end of the sophomore year.*

Concentrations

Cinema Production Concentration

Code	Title	Credits
CNPH 22000	Cinematic Currents	4
CNPH 21400	Hollywood and American Film (ICC-CLA)	4
CNPH 22400	Cinema Production 2	4
MASS 13400	Writing for Screen Media	3
CNPH 30000	Fiction Film Theory (both courses are ICC-CLA & WI)	3
or CNPH 30100 History and Theory of Documentary		
Select two of the following:		8
CNPH 32100	Advanced Cinema Production: Fiction	
CNPH 32200	Advanced Cinema Production: Nonfiction	
CNPH 32300	Advanced Cinema Production: Experimental	
CNPH 32400	Advanced Cinema Production: Animation	
CNPH 33001-CNPH 33099 Selected Topics in Advanced Cinema Production		
CNPH 42000	Thesis Cinema Production	4
or CNPH 45000 Cinema Production Practicum		
Total Credits		30

Still Photography Concentration

Code	Title	Credits
CNPH 20310	The Photograph in Exhibition	1
CNPH 24000	History of Photography (ICC-CLA)	3
CNPH 24200	Intermediate Photography	4
CNPH 30400-CNPH 30499	Photo: Selected Topics ¹	8
CNPH 34200	Contemporary Photographic Genres (ICC-CLA)	4
CNPH 44300	Photo Workshop	4
Select two of the following:		6
ARTH 13500	Introduction to Visual Culture	
ARTH 25100	Nineteenth-Century European Art	
ARTH 25200	Twentieth-Century European Art	
ARTH 27500		
ARTH 28300	American Visual Culture: 1690-1960	
ARTH 28500	Art since 1960	
CNPH 20500	Photographic Currents	
ARTH 35000	Studies in Art from Baroque to Modern	
ARTH 37500	Selected Topics in Art History	
Total Credits		30

¹ *Two topics required; must be taken twice.*

Film, Photography, and Visual Arts Major — B.F.A.

Learn more at the Department Page (p. 285)

Summary

Code	Title	Credits
Major Requirements		57
Additional Requirements:		12
Art History (9)		
Directed Elective (3)		
Integrative Core Curriculum (ICC) Requirements ¹		29
Other Course Electives		22
Total Credits		120

* **Total Credits** must include 30 liberal arts credits and 48 credits outside the Park School

¹ see ICC requirements (p. 281) for Park School

Degree Requirements

Code	Title	Credits
Major Requirements		
GCOM 13000	Spark: Igniting your Future in Communications	1
CNPH 10100	Introduction to Film Aesthetics and Analysis (ICC-CLA)	3
CNPH 11100	Cinema Production 1	4
MASS 13400	Writing for Screen Media	3
CNPH 14100	Introduction to Photography (ICC-CLA)	4
CNPH 22400	Cinema Production 2	4
CNPH 24000	History of Photography (ICC-CLA)	3
CNPH 24200	Intermediate Photography	4
CNPH 30000	Fiction Film Theory (both courses are ICC-WI)	3
or CNPH 30100 History and Theory of Documentary		
CNPH 34200	Contemporary Photographic Genres (ICC-CLA)	4
CNPH 42000	Thesis Cinema Production	4
CNPH 44300	Photo Workshop	4
Select one of the following:		4
CNPH 21400	Hollywood and American Film	
CNPH 22000	Cinematic Currents	
Select one of the following:		4
CNPH 30400-30499	Photography: Selected Topics	
Select one of the following:		4
CNPH 32100	Advanced Cinema Production: Fiction	
CNPH 32200	Advanced Cinema Production: Nonfiction	
CNPH 32300	Advanced Cinema Production: Experimental	
CNPH 32400	Advanced Cinema Production: Animation	

CNPH 33001-33099	Selected Topics: Advanced Cinema Production	
Select one additional course from the following:		4
TVR 30900	Motion Graphics and Animation	
TVR 31000	Experimental Media: Production and Criticism	
TVR 37100	Audio Production for TV and Film: Advanced Studio Techniques	
CNPH 30400-30499	Photography: Selected Topics	
CNPH 32100	Advanced Cinema Production: Fiction	
CNPH 32200	Advanced Cinema Production: Nonfiction	
CNPH 32300	Advanced Cinema Production: Experimental	
CNPH 32400	Advanced Cinema Production: Animation	
CNPH 33001-33099	Selected Topics: Advanced Cinema Production	
Art History Supplement		
ARTH 1xxxx	One level-1 art history course	3
Select one of the following options:		6
ARTH 2xxxx-3xxxx	Level-2 or level 3 Art History courses	
CNPH 20500	Photographic Currents	
Directed Elective		
Select one of the following three-credit courses:		3
ART 1xxxx	100-level art course	
ART 2xxxx	200-level art course	
Total Credits		69

Emerging Media Major – B.S.

Learn more at the Department Page (p. 285)

Summary

Code	Title	Credits
Major Core Requirements		36-37
Major Electives		18
Integrative Core Curriculum (ICC) Requirements ¹		29
Other Electives		36
Total Credits		120

¹ Students must: fulfill the ICC requirements (p. 281) for the Park School and take 60 credits of coursework outside the Park School.

Degree Requirements

To complete the requirements for a B.S. degree, students must complete 60 credits of liberal arts courses.

Core Requirements:

Code	Title	Credits
GCOM 13000	Spark: Igniting your Future in Communications	1
EMED 12000	Introduction to Emerging Media	4

COMP 17100	Principles of Computing Science I ¹	4
EMED 21400	Design of New Media: Theory, Function and Analysis	4
COMP 20200	Computational Foundation of Emerging Media ¹	4
EMED 31400	Emerging Media Research Methods and Critical Inquiry	4
EMED 32000	Utopias and Dystopias of Emerging Media	4
EMED 38500	Emerging Media Junior Project	4
EMED 48500	Emerging Media Capstone	4
Select one of the following:		3-4
EMED 31300	Topics in Media Law and Policy or TVR 31200 Government and Media	

Code	Title	Credits
Major Elective Requirement		
Six credits at the 300-level in the following subjects: EMED, COMP, CNPH, JOUR, STCM, TVR		6
Twelve Additional credits at any level in the following subjects: EMED, COMP, CNPH, JOUR, STCM, TVR		12
Total Credits		18

¹ Indicates a course that fulfills the complementary liberal arts requirement of the Integrative Core Curriculum (ICC).

Total Credits: 54-55

Television-Radio Major – B.S.

Learn more at the Department Page (p. 285)

Summary

Code	Title	Credits
Core Requirements		23-27
Area of Study Requirement		24
Supplement Requirement		3
Integrative Core Curriculum (ICC) Requirements ¹		29
Other Electives		37-41
Total Credits		120

* **Total Credits** must include 60 liberal arts credits and 60 credits outside the Park School

¹ see ICC requirements (p. 281) for Park School

Degree Requirements

Code	Title	Credits
Core Requirements		
GCOM 13000	Spark: Igniting your Future in Communications	1
TVR 12400	Introduction to Media Industries (ICC-CLA)	4
TVR 46000	Senior Seminar	3
Select one of the following:		3-4

TVR 10500	Audio Production for TV and Film – Introduction and applications of Sound.	
TVR 10700	Introduction to Television Studio Production	
TVR 11500	Introduction to Field Production	
Select one of the following:		3
TVR 13100	Media Writing	
MASS 13400	Writing for Screen Media	
Select one of the following:		3-4
TVR 25100	Critical Thinking and Mass Communication (ICC-CLA)	
TVR 26300	Mass Media Research Methods (ICC-CLA & QL)	
Select one of the following:		3-4
TVR 31200	Government and Media (ICC-CLA)	
TVR 31300- TVR 31399	Topics in Media Law and Policy (ICC-CLA)	
Select one of the following:		3-4
TVR 32200	New Telecommunications Technologies (ICC-CLA)	
TVR 32000- TVR 32099	Topics in Media Technology (ICC-CLA & WI)	
Area of Study Requirements		
Select a minimum of 24 credits from Park School and other approved departments ¹		24
Supplemental Requirement		
Business or Economics course		3
Total Credits		50-54

Area of Study examples can include (but are not limited to): Multi-Camera TV Studio Production; Single Camera Narrative Production; Non-Fiction/Documentary Production; Sports Production; On-Camera Performance, Scriptwriting; Producing; Directing; Social Media; Graphics and Animation; International Communications

¹ **Students must complete a minimum of 24 credits to fulfill an area of study, of which:**

- At least 16 credits must be in courses with a TVR prefix (with a maximum of 3 credits for internship or other approved experiential opportunity)
- Credits from the following areas may be applied to the Area of Study requirement:
CNPH, GCOM, JOUR, MASS, MUMC, MUNM, SPME, STCM, THEA.
- A minimum of 8 credits must be at 30000-level or above.
- Credits earned for a minor may not be applied to Area of Study requirements

Animation Minor

Learn more at the Department Page (p. 285)

Requirements

Code	Title	Credits
CNPH 11100 or TVR 11500	Cinema Production 1 Introduction to Field Production	4
MASS 20100	Introduction to Animation	4
TVR 30900	Motion Graphics and Animation	4
CNPH 32400	Advanced Cinema Production: Animation	4
Choose one of the following:		3

ART 11xxx	Introduction to Drawing	
ART 12000	Two-Dimensional Design	
Select one of the following:		3
ART 21xxx	Intermediate Drawing	
ART 28000	Digital Studio I	
ART 22500	Graphic Design I	
COMP 10600	Multimedia Programming	
Total Credits		22

Audio Production Minor

Learn more at the Department Page (p. 285)

Requirements

Code	Title	Credits
TVR 10500	Audio Production for TV and Film – Introduction and applications of Sound.	3
TVR 27100	Audio Production for TV and Film – Recording, Editing and Mixing Techniques	4
TVR 37100	Audio Production for TV and Film: Advanced Studio Techniques	4
PHYS 16000	Physics of Sound	3
MUNM 25100	Music and the Media	3
Select a minimum of 6 credits of the following:		6
THEA 22500	Sound Design	
THEA 31500	Advanced Sound Technology	
MUMC 14500	Introduction to Electroacoustic Music	
MUMC 24800	Digital Sound Production	
MUMC 24900	Techniques and Analysis of Electroacoustic Music Composition	
MUMC 25000	Digital Recording and Editing	
TVR 47100	Audio Production for TV and Film - Thesis Workshop	
Total Credits		23

International Communications Minor

Learn more at the Department Page (p. 285)

Requirements

Code	Title	Credits
TVR 12100 or TVR 12400	Introduction to Mass Media Introduction to Media Industries	3-4
POLT 12900 or TVR 22000	Explorations in Global and Comparative Studies Global Flow of Information	3
TVR 32400	European Mass Media	3
TVR 32500	Seminar in Development Communications	3
TVR 46200	Seminar in Geomedia	3
One additional elective from outside the Roy H. Park School of Communications ¹		3
Total Credits		18

¹ Requires approval from the coordinator of the minor.

Still Photography Minor

Learn more at the Department Page (p. 285)

Required Courses for the Minor

Code	Title	Credits
CNPH 14100	Introduction to Photography	4
CNPH 24000	History of Photography	3
CNPH 24200	Intermediate Photography	4
Select one of the following:		4
CNPH 44300	Photo Workshop	
CNPH 30401- CNPH 30499	Photography Selected Topics	
Photography elective ¹		4
Total Credits		19

¹ Any offering from CNPH 30400-30499 that is a different topic.

Note: Transfer courses are not accepted to meet requirements of the minor.

Writing for Film, TV & Emerging Media Minor

Learn more at the Department Page (p. 285)

Minor Requirements

Code	Title	Credits
MASS 13400	Writing for Screen Media	3
MASS 23300	Structuring the Feature Film	3
MASS 23600	Writing for Series TV	4
Select one of the following:		4
CNPH 11100	Cinema Production 1	
CNPH 14100	Introduction to Photography	
TVR 11500	Introduction to Field Production	
Select two of the following:		8
MASS 33300	Writing the Feature Film	
MASS 33500	Writing for Video Games and Emerging Media	
MASS 33600	Writing the Series Pilot	
MASS 33701- MASS 33730	Selected Topics in Writing for Screen Media	
Total Credits		22

Department of Journalism

James A. Rada, Professor and Chair

The Department of Journalism offers a bachelor of arts in Journalism and a Journalism minor. Choose **Majors and Minors** tab above or links below to review program requirements.

B.A. Journalism (p. 303) - **James A. Rada, Professor and Chair**

The bachelor of arts in Journalism offers an integrated curriculum designed to prepare students for careers in journalism, law, and other professions. Multimedia and critical, analytical thinking are key components of the curriculum. Journalism students are taught online, video and print journalism, as well as First Amendment law, ethics and history in the liberal arts tradition.

Minor in Journalism (p. 303) - **Tim Mirabito, Assistant Professor and Minor Coordinator**

The minor in Journalism offers students the opportunity to expand and enhance their college experience. It is designed to give students from a variety of disciplines a broad-based yet rigorous knowledge of journalistic theory and practice. Students work on news and public affairs coverage of issues relevant to their own major areas through a variety of lecture, seminar, and laboratory courses. The concept of media convergence is a key component of the minor curriculum. Students in the journalism minor are taught print, broadcast, and digital journalism in many of their classes so that they develop expertise that can be applied to the rapidly changing world of journalism.

Academic Policies

Majors, including first-year students, are required to maintain an overall cumulative GPA of 2.00. All majors must complete a minimum of 60 credits outside communications, which includes the language requirement, and a minimum of 75 percent of their credits (normally 90 credits) in courses designated as liberal arts (LA). Transfer students applying to the B.A. in journalism program must have a cumulative GPA of 3.25 or higher to have their application considered; however, this minimum does not guarantee acceptance to the degree program. This policy applies to all applicants to the degree program, including students transferring from another major in the Park School or at Ithaca College and those applying from other academic institutions.

The minor is not open to journalism majors. Information concerning application deadlines, admission criteria, and program requirements is available in the journalism department office. Enrollment in the minor is limited. Students must have a cumulative GPA above 3.25 in order to apply to the journalism minor, but this minimum does not guarantee acceptance.

Majors & Minors

- Journalism Major — B.A. (p. 303)
- Journalism Minor (p. 303)

JOUR 11100 Introduction to Journalism (LA)

Introduces reporting, interviewing and writing on deadline using Associate Press style; introduces inverted-pyramid and broadcast writing; and introduces such issues as current events, objectivity, ethics, libel and investigative reporting. (F,S)

Attributes: CCCS

4 Credits

JOUR 11200 Investigative Journalism (LA)

This class provides students with both theoretical and practical skills to locate story ideas, identify reliable and diverse sources, conduct research online and through interviews, and analyze and visualize data. Students use investigative techniques to research, write, and produce stories in multiple beats, including but not limited to: government, education, sports, and social issues. Students work individually and in teams to produce multimedia content focused on a specific beat and/or issues of journalistic importance within the local and wider communities.

Prerequisites: JOUR 11100. (F,S)

4 Credits

JOUR 21100 Visual Journalism (LA)

Explores the fundamental visual techniques and concepts of multimedia journalism and how verbal and visual messages work together in news reporting. Students will learn how to research, shoot, write, edit and produce content for broadcast, web, and social media platforms. Examples are critiqued to lead students toward an ethical and analytical approach to issues of journalistic visual rhetoric. Prerequisites:

JOUR 11200; WRTG 10600 or ICSM 10800 or ICSM 11800. (F,S)

Attributes: CCCS, WI

4 Credits

JOUR 21300 Journalism Ethics (LA)

An introduction to ethics in journalism, designed to develop responsible, professional attitudes and practices by applying a range of analyses to issues. Examines classic and contemporary journalism cases involving a variety of ethical questions. Prerequisites: Sophomore standing.

Restricted to journalism majors and minors, and documentary studies majors. (F-S)

3 Credits

JOUR 25000 Journalism History (LA)

Examines the development of the mass media in the United States, beginning with Western European antecedents and proceeding to the present era of complex new technologies. Focuses on the factors influencing the evolution of U.S. media history, emphasizing the development of the U.S. press philosophy, the interaction of industrialization and media, and the rise of mass culture. Prerequisites: Sophomore standing. (F-S)

Attributes: 3B

3 Credits

JOUR 31300 Journalism Law (LA)

This course encompasses the study of the underlying theories and philosophical principles that are used to formulate laws and policies related to freedom of speech and press in the United States. An examination of the framework of the American legal and policy making systems will enable students to understand how laws, particularly the First Amendment, address a range of issues involving freedom of speech and press, including: defamation, libel, prior restraint, and copyright.

Prerequisites: Journalism majors; JOUR 21100; junior standing. (F,S)

3 Credits

JOUR 38400 Television News Producing and Editing (NLA)

This course builds on the television news skills developed in previous courses by focusing on the role of content managers in newsrooms, from writing to editing. Students will hold editorial board meetings to understand the concept of writing, editing, and crafting meaningful news segments. Students will script a newscast. Students will be tested on how to think independently in situations where important news stories are breaking. Under tight class time constraints, students will make decisions that will impact the newscast they are scripting. Students will learn one of the most important jobs of a successful news producer and editor: how to deal with people and ethical dilemmas as they happen in a newsroom setting. Prerequisites: JOUR 21100 (Y)

4 Credits

JOUR 39000-39030 Selected Topics in Journalism (LA)

The topics of this practicum will vary to allow students the opportunity to learn about a specialty area of journalism, such as sports journalism, international relations journalism, economics and business journalism, and medical journalism. Students will be required to read relevant specialty newspapers, magazines, and academic journals appropriate to the selected topic, report and write articles on the selected topic in online and print format, and write for broadcast. Prerequisites: JOUR 21100 or permission of instructor. (F-S)

3 Credits

JOUR 48000 Mobile and Social Media Journalism (NLA)

This course critically examines how journalists and news organizations are using emerging forms of social media and mobile platforms. Students gain hands-on experience by experimenting with social media and mobile devices for newsgathering, distribution, and audience engagement. Students produce a portfolio of multimedia stories and build their own professional journalistic brand. An emphasis is placed on critically assessing the credibility and authenticity of user-generated content. Students will also learn how to use analytics tools to monitor and analyze the effectiveness of their mobile and social media activity. Prerequisites: JOUR 21100; senior standing. (F,S)

4 Credits

JOUR 48200 Narrative Journalism Workshop (NLA)

Students demonstrate their ability in narrative journalism by researching and writing a major journalistic project. Projects will take the form of a long-form narrative feature report, with the goal of getting them published professionally. Critique and analysis of journalists' projects and reflections on their craft are emphasized. Prerequisites: JOUR 21100; junior standing. (F-S)

4 Credits

JOUR 48400 Mass Media Research (LA)

This course strengthens the student's skills in conducting journalism and mass communication research on real-world local, national, and international issues. Emphasis on the formulation of research topics and proposals; literature search and review; various methodologies that are applicable to the journalism profession; data collection, analysis, and interpretation; and research report writing. Prerequisite: JOUR 21100; junior standing. (IRR)

Attributes: CCRM, QL

3 Credits

JOUR 48600 Documentary Journalism Workshop (NLA)

Students produce an in-depth final project of journalistic significance in a multimedia platform appropriate to their subject matter. Students research, write, edit, and produce long-form news stories in a documentary format for multimedia. Participants also critique and analyze examples of professionally produced documentary and long-form television and web-based journalism. Prerequisites: JOUR 21100; junior standing. (F-S)

Attributes: SL

4 Credits

JOUR 48800 Issues and the News (LA)

A capstone course for seniors majoring or minoring in journalism, designed to give the students an opportunity for in-depth news examination and analysis from numerous sources. Ongoing critique of major news issues of the day. Students examine the variety of information sources available and incorporate various points of view from around the world. They present key summaries of issues they are monitoring, producing news stories and analytic pieces. Prerequisites: JOUR 21100; senior standing. (F-S)

Attributes: UND

3 Credits

JOUR 49000 Internship (NLA)

Jointly supervised work experience with a cooperating institution or corporation in the field of journalism or communications, intended to motivate the student toward professional growth through observation and participation, to provide opportunities to meet active professionals, and to stimulate career planning. Skills and academic knowledge are put into practice. May be repeated. Prerequisites: Junior standing; journalism major or minor; completion of Park School internship procedures.

The total number of internship credits a journalism major or minor is permitted to earn may not exceed (including London and Los Angeles internships). For example, if a student takes an 8-credit internship, a second internship would count for up to only, for a total of Pass/fail only. (F-S)

1-8 Credits

JOUR 49900-49901 Independent Study in Journalism (LA)

Intensive research related to journalism under the supervision of a faculty adviser and with approval of the department chair. A major research paper is required. May be repeated; total credits earned may not exceed eight credits for the two independent study courses combined. Prerequisites: Journalism major or minor; senior standing; permission of department chair. (F-S)

1-4 Credits

Journalism Major – B.A.

Learn more at the [Department of Journalism page](#)

Summary

Code	Title	Credits
	Major Requirements	35
	Workshop Requirements	4
	Minor Requirement	18-25
	Second Language Requirement	0-12
	Integrative Core Curriculum (ICC) Requirements ¹	29
	Other Electives	15-34
Total Credits		120

* **Total Credits** must include 90 liberal arts credits and 60 credits outside the Park School

¹ see ICC requirements (p. 281) for Park School

Degree Requirements

Code	Title	Credits
Major Requirements		
GCOM 13000	Spark: Igniting your Future in Communications	1
JOUR 11100	Introduction to Journalism (ICC-CLA)	4
JOUR 11200	Investigative Journalism (ICC-CLA)	4
JOUR 21100	Visual Journalism	4
JOUR 21300	Journalism Ethics (ICC-CLA)	3
JOUR 25000	Journalism History	3
JOUR 31300	Journalism Law	3
JOUR 48000	Mobile and Social Media Journalism	4
JOUR 48800	Issues and the News (ICC-CLA)	3
Select TWO courses from:		6
JOUR 39000- JOUR 39099	Selected Topics in Journalism ¹	
TVR 35200	British Media and Society	
Workshop Requirements		
JOUR 48200	Narrative Journalism Workshop or JOUR 48600 Documentary Journalism Workshop	4
Minor Requirement		
Select a minor outside of the Roy H. Park School of Communications. ²		18-25
Language Requirement		
Journalism majors are required to learn a non-native language through the 20200 course level or demonstrate equivalent proficiency. ³		0-12
Total Credits		57-76

¹ TVR 35200 *British Media and Society* (only offered in London) will also satisfy this requirement. *Selected Topics in Journalism* (recent topics include: *Entrepreneurial Journalism*; *Independent Media: Issues and Challenges*; *Media Literacy: Race, Gender and Ethnicity*; *Global Press Freedom & Security*; *Data-Driven Reporting*).

² Journalism majors are required to choose a minor outside of the Roy H. Park School of Communications. Journalism majors may not have a business minor without undertaking additional liberal arts courses. Total credits in the minor may not include communications courses, except for the communication courses in the culture and communication minor.

³ This may require up to four courses, depending on the level of proficiency demonstrated. American Sign Language may not be used to fulfill this requirement.

Journalism Minor

Learn more at the [Department of Journalism page](#) (p. 301)

Requirements

Code	Title	Credits
Required Courses		
JOUR 11100	Introduction to Journalism	4
JOUR 11200	Investigative Journalism	4

JOUR 21100	Visual Journalism	4
JOUR 48800	Issues and the News	3
Select one of the following:		3
JOUR 21300	Journalism Ethics	
JOUR 25000	Journalism History	
Total Credits		18

Additional Requirements

Minors are required to maintain a cumulative GPA of at least 2.50 in all required courses, as well as an overall cumulative GPA of 2.50.

Department of Strategic Communication

Scott R. Hamula, *Professor and Chair*

The Department of Strategic Communication offers two degree programs — a bachelor of science in Communication Management and Design and a bachelor of science in Integrated Marketing Communications — and minors in Communication Management and Design, Integrated Marketing Communications, and Live Event Design and Management. Choose **Majors and Minors** tab above or links below to review program requirements.

B.S. Communication Management and Design (p. 304)

B.S. Integrated Marketing Communications (p. 304)

Minor in Communication Management and Design (p. 305)

Minor in Integrated Marketing Communications (p. 305)

Minor in Live Event Design and Management (p. 305)

Students interested in the major or minor in communication management and design or live event design and management should contact Dennis Charsky, director of the program. Students interested in the major or minor in integrated marketing communications should contact Scott Hamula, director of the program and chair of the Department of Strategic Communication.

B.S. Communication Management and Design (p. 309)

- **Dennis Charsky, Associate Professor and Program Director**

The way an organization communicates can be the key to its success or failure. Communication Management and Design is a unique major designed for students who want to lead creative and strategic communication functions for companies and organizations of various sizes. The degree provides students with the fundamental principles and skills used in the management, strategy and design of communication for organizations.

Classes teach critical thinking, problem solving, and innovating skills that are applied to key communication areas such as reputation management and branding, employee communication and training, digital design, and event planning. Students learn to connecting creative ideas with business strategy in order to design effective communication solutions, initiatives, and campaigns that help organizations succeed.

Corporate Communication Concentration

Communication professionals are responsible for enhancing communication throughout an organization and aligning their work to the organization's strategy. In this concentration, students learn the theory and practice around corporate and organizational communication and management. They apply their knowledge by creating creative campaigns, crafting crisis communication plans, designing corporate events, and developing strategies for

managing relationships with the media, government agencies, and other stakeholders. The concentration covers areas such as; media relations, social media management, internal communications, corporate social responsibility, design management, event planning, and leadership. Students develop into communication professionals who have the insight and means to deal with challenging communication issues faced by modern organizations, both for-profit and not-for-profit.

Communication Design Concentration

Communication professionals are responsible for designing the messages, initiatives, and solutions in organizations. In this concentration, students learn to use their creativity purposefully to provide information that fosters effective and efficient understanding. Students learn the theory and practice around instructional design, information design, graphic design, and user experience. Students apply their learning by utilizing the right information with the right visuals to inspire, persuade, and inform. The concentration teaches the creative strategies designers utilize during the process of designing and covers areas such as; interface design, web design, interaction design, infographics, virtual reality, design thinking, and information design. Students develop into communication professionals who have the creativity and aptitude to help organizations innovate and prosper in the emerging information economy.

Academic Policies

Courses at level 1 are open to seniors only by permission of the instructor. One-credit minicourses do not count as required communication management and design electives. All majors must complete a minimum of 60 credits outside communications, and a minimum of 60 credits in courses designated as liberal arts (LA).

[return to programs] (p. 304)

B.S. Integrated Marketing Communications (p. 311)

- **Scott R. Hamula, Professor and Program Director**

Today's brands need to develop relationships with their consumers through truthful, creative, memorable advertising and public relations messages as well as with meaningful and engaging branded in-person and online marketing experiences. The integrated marketing communications program is built on the merging of specific coursework from the Roy H. Park School of Communications strategic communication department and the School of Business. This degree teaches students about the newly converged fields of advertising, public relations, brand activation, and marketing. Students learn how these specialized areas are combined into seamless communications programs that promote and build brands, businesses, not-for-profit organizations, and governmental agencies.

Academic Policies

All majors must complete a minimum of 60 credits outside communications, and a minimum of 60 credits in courses designated as liberal arts (LA).

Advising Note

Students with a double major in integrated marketing communications and business who are interested in applying to the master of business administration program should contact the dean's office in the School of Business for information on a curriculum bridge of five business courses that can be taken during the summer following graduation, before entrance into the M.B.A. program in the fall.

[return to programs] (p. 304)

Minor in Communication Management and Design (p. 311) - **Dennis Charsky, Associate Professor and Minor Coordinator**

A minor in Communication Management and Design enables students to learn about how vital strategic communication is to the success of all organizations. This minor is a wonderful complement to just about any major because it provides you with a broad understanding of the communication functions in organizations and instrumental workplace knowledge and skills.

Applications for the minor are accepted on a rolling basis throughout the academic year. Students must have a minimum cumulative GPA of 2.50 in order to apply to the minor, but this minimum does not guarantee acceptance. This minor is not open to Communication Management and Design majors.

Students accepted in to the minor are strongly encouraged to complete an academic plan with their minor adviser.

[return to programs] (p. 304)

Minor in Integrated Marketing Communications (p. 311) - **Scott R. Hamula, Professor and Minor Coordinator**

The minor in integrated marketing communications, offered in cooperation with the School of Business, provides broad-based knowledge of the theories and applications of the newly converged fields of advertising, public relations, sales promotion, and marketing. The minor provides knowledge and application of the persuasive processes used when engaging consumers with messaging in print, broadcast, web-based, and other media.

Applications for the minor are accepted throughout the academic year and are reviewed on a rolling basis. Space is limited and acceptance is competitive. Students must have a 2.75 minimum cumulative GPA to apply, but this minimum is not a guarantee of acceptance. This minor is not open to integrated marketing communications majors.

[return to programs] (p. 304)

Minor in Live Event Design and Management (p. 312) - **Dennis Charsky, Associate Professor and Minor Coordinator**

This minor provides students with an initial understanding of the way events affect society, politics, community, economics, and culture.

The students move into learning the conceptual foundations and practices of event management and design that prepares them to pursue opportunities in the live event industry. Students take a core set of courses in event design and management and a selection of electives from various disciplines.

Students must have a minimum cumulative GPA of 2.75 in order to apply to the minor, but that does not guarantee acceptance.

The Live Event Design and Management minor is housed within the Department of Strategic Communication in the Roy H. Park School of Communications. The Program Director for Communication Management and Design major coordinates the minor.

[return to programs] (p. 304)

Majors & Minors

- Communication Management and Design Major — B.S. (p. 309)
- Integrated Marketing Communications Major — B.S. (p. 311)
- Communication Management and Design Minor (p. 311)

- Integrated Marketing Communications Minor (p. 311)
- Live Event Design and Management Minor (p. 312)

STCM 10300 Introduction to Strategic Communication (LA)

Introduction to the fundamental theories, concepts, and applications of strategic communication to meet a variety of organizational goals. Provides an overview of practices in communication management, learning, and design, and integrated marketing communications. Describes how these elements can be combined to create seamless programs that affect the various publics of businesses and not-for-profit organizations, and how such programs increase organizational value and effectiveness. Students investigate issues that challenge contemporary organizations by analyzing case studies, conducting research, and designing possible solutions from multiple perspectives. (F,S)
3 Credits

STCM 10800 Communication in Organizations (LA)

An introductory examination of human communication in organizations, with an opportunity to develop the skills necessary to approach organizational communication situations. Includes the use of mediated communication for skill development and evaluation. (F-S)
Attributes: SS
3 Credits

STCM 11100 Presentation & Graphic Design (NLA)

Introduction to the planning, design, production, and delivery of presentations, posters, graphics, and websites. Emphasis on design and production, critical application of graphic design principles to instructional, informational, and motivational messages. Projects focus on creative use of graphic design practices for strategic communication. Students gain practical experience in graphic design, layout, composition, image manipulation, website design, and presenting. (F-S)
Attributes: CCCS
3 Credits

STCM 12300 Systemic Design (LA)

An introduction to the perspectives and approaches of systems science and design, particularly emphasizing the usefulness of their combination in planned change in organizations. Sample topics include: thinking across and beyond disciplines; systems types and views; complexity; rational and creative (out-of-control) processes; and the consequences of innovation. Most assignments and projects are set in the context of organizational communication and learning, but their relevance and value extend well beyond. (F,S)
Attributes: CA, SO, TIII, TWOS
3 Credits

STCM 13300 Live Events: Spectacles, Festivals, Celebrations, and Society (NLA)

Introduces students to the field of live events. Through case studies, guest presentations, and class projects, students will explore the evolution of events over time and examine the intersectionality of events with society, identity, community, economy, brand, pop culture and more. Students will research and analyze the strategies and outcomes of specific events, providing them with a foundation for understanding how to conceptualize events that are ethical and achieve the desired outcomes. (Y)
3 Credits

STCM 20200 Career Pursuit (NLA)

The course focuses on the development of professional competencies and professional identity, specifically tailored for students in strategic communication fields. Focus on methods of reflective practice and transferring classroom learning into professional practice. An overview of projected developments and trends, especially increasing integration, in various fields of strategic communication is provided. Readings and activities represent various communication occupations, industries, and professional organizations. Enrollment limited to communication management and design majors and minors. This is a block course. Prerequisite: STCM 10300. (F-S)

1 Credit

STCM 20400 Virtual Teams (NLA)

An exploration of the communication and collaboration challenges faced by hybrid and virtual work teams. A focus on teams as emergent sociotechnical systems is provided. Students develop an understanding of team attributes, dynamics, and processes as well as a practical set of basic facilitation and assessment skills to enhance team effectiveness across remote workspaces. Prerequisites: STCM 10300, STCM 10800, CMST 11500, or permission of the instructor; Sophomore standing. (IRR) 3 Credits

STCM 20600 Web Design (NLA)

An intermediate level course in designing web sites for organizations. Emphasis is placed on web design (languages and tools), site content, navigation, and aesthetics. The course combines lectures, discussions, classroom exercises, and projects. Prerequisites: STCM 11100. (F-S) Attributes: CCCS 3 Credits

STCM 21000 Instructional Design (NLA)

An introduction to theories, processes, and practices associated with workplace learning and performance. Major topics include learning theory, designing training, organizational learning, employee development, and performance improvement. Prerequisites: STCM 10300. (F) 3 Credits

STCM 21100 Corporate Communication: Strategy and Design (NLA)

This course is intended to give students a strong foundation in the strategy and design of corporate communication programs for internal and external communication. Students will use theories, principles, and practices of corporate communication to assess contemporary strategies and communication efforts and will gain experience in strategic design for both internal communication (e.g., employee communication, change communication, knowledge management) and external communication (e.g., communication with investors and the community, interorganizational communication, crisis communication, customer and government relations). Prerequisites: STCM 10300. (F,S) 3 Credits

STCM 21200 Experience Design (NLA)

Experience design is the practice of designing interactive processes, media services, exhibitions and events for both entertainment and instruction. The focus is placed on design for an audience rather than an individual user, with an emphasis on finding solutions for client needs. It draws from many other disciplines including psychology, theatrical production, communication, and marketing. The course will provide students with a broad overview of the practice and principles that drives the creation of experience in various forms. Student projects will be delivered via professional presentations, but require design and development of elements using 3D printing and virtual reality. Prerequisites: STCM 11100. (S) 3 Credits

STCM 22000 Interactive Media (NLA)

Provides hands-on experience in designing and creating interactive multimedia projects. An examination of the theoretical bases and applications of interactive media will inform projects involving interactive data visualization, augmented reality design, and design for mobile technologies. Student projects focus on instructional, promotional, and informational applications of these web-based technologies. Prerequisites: COMP 10500 or STCM 11100. (F,S) Attributes: CCCS 3 Credits

STCM 23000 Meeting and Event Management (NLA)

Provides theoretical grounding and practical skills in meeting and event management. Students learn to design, manage, lead, and critique events that support strategic organizational goals, including meetings and trainings, conferences, online events, and special events. Student groups practice facilitation, decision-making, and event-planning skills through class exercises, tours and guest speaker presentations. Prerequisites: STCM 10300 or STCM 10800 or STCM 13300. (F,S) 3 Credits

STCM 23200 Public Relations (LA)

Defines public relations functions and processes. Examines public relations history, ethics, theories, tactics, specializations, and career opportunities. Prerequisites: Sophomore standing. (F-S) Attributes: UND 3 Credits

STCM 23400 Promotional and Instructional Video (NLA)

Introduction to the theory and practice of video design and production in corporate and other organizational settings. Emphasis is placed on the nature of corporate, industrial, instructional, and not-for-profit video; program formats; and beginning field production and postproduction using digital video tools. Prerequisites: STCM 10300 or TVR 12400. (F) Attributes: CCCS 3 Credits

STCM 24100 Advertising (LA)

A survey of the history, organization, operation, and regulation of the advertising industry. Emphasis is placed on the economics of advertising, including rate structures, media analysis, and demographics, and on the creation and evaluation of advertising. Prerequisites: Sophomore standing. (F-S) 3 Credits

STCM 25100 Organizational Culture and Conflict (LA)

Examination of the role communication practice plays as both the foundation of organizational culture and the means by which organizational conflict is expressed and negotiated. Focus is on the role of communication in framing and sustaining organizational culture, as well as how modes of communicating and mediating conflict are manifestations of an organization's culture. Review of the value-based, symbolic, and ritualistic foundations of conflict as it occurs between members of organizations, as well as between organizations and the public. Includes the use of appropriate case studies to amplify communication issues. Prerequisites: STCM 10800 or sophomore standing. (S) Attributes: SS 3 Credits

STCM 28800 Research and Statistics for Strategic Communication (LA)

Basic research methods (including qualitative, quantitative and mixed methods approaches) examined in diverse organizational, corporate, and marketing communications settings. Emphasis on theoretical bases, procedures, and ethical considerations. Skills developed in application of techniques and in interpretation and criticism of studies of external and internal communications serving organizational, corporate, and marketing functions. Focus on methods used to identify, describe, and evaluate stakeholders, determine message effectiveness, establish communication objectives, plan communication strategies and tactics, and evaluate their impact on stakeholders and organizational goals. Prerequisites: STCM 10300. (F,S)

Attributes: CCRM, QL

3 Credits

STCM 29200-29202 Minicourses in Communications (NLA)

A series of short courses in specialized areas of communications that do not meet the College guidelines for liberal arts designation. Visiting lecturers and faculty of the school participate in areas of their expertise. May be repeated. These courses do not count toward required strategic communication electives. Prerequisites: Vary depending on the topic; refer to Undergraduate Course Offerings each semester. Pass/fail. (IRR) 1 Credit

STCM 29203-29205 Minicourse in Communications (NLA)

A series of short courses in specialized areas of communications that do not meet the College guidelines for liberal arts designation. Visiting lecturers and faculty of the school participate in areas of their expertise. May be repeated. These courses do not count toward required strategic communication electives. Prerequisites: Vary depending on the topic; refer to Undergraduate Course Offerings each semester. Pass/fail. (IRR) 1 Credit

STCM 29300 Minicourses in Communications (LA)

A series of short courses in specialized areas of communications that meet the College guidelines for liberal arts designation. Visiting lecturers and faculty of the school participate in areas of their expertise. May be repeated. These courses do not count toward required strategic communication electives. Prerequisites: Vary depending on the topic; refer to Undergraduate Course Offerings each semester. Pass/fail. (IRR) 1 Credit

STCM 29600 Audience Research and Media Planning (NLA)

Survey of the major forms of audience research in television and radio, with particular emphasis placed on the Nielson and Arbitron ratings reports. Covers principles of sample surveys; interpretation of audience data; and application to programming, promotion, and sales. Prerequisites: TVR 12100; TVR 26000 or PSYC 20700. (F-S) 3 Credits

STCM 30000 Crisis Communication (NLA)

Emphasizes the process by which individuals and organizations strategically manage various types of social, political, environmental, and organizational disasters or emergencies. The course explores multiple layers and levels of a crisis and the communication issues that develop, especially in terms of rebuilding the community. These communication issues are then applied to a current crisis. Prerequisites: STCM 21100 or STCM 23200. (F) 3 Credits

STCM 30100 Social Media Strategy (NLA)

Explores social media use in marketing and corporate communication. Topics addressed include social media ethics, branding and content strategy, best practices in content creation and management, and social collaboration in the workplace. Enables students to apply social media tools in the design of marketing, advertising and employee communication. Students will analyze and develop social media campaigns and develop plans for leveraging social media for a strategic purpose. Prerequisites: STCM 21100. (S)

Attributes: CCCS

3 Credits

STCM 30300 Games for Marketing & Training (NLA)

Examines the design of and methods for creating games for marketing and training. Emphasis is on applying game design techniques utilizing theories of persuasion, motivation, and learning. Students will also learn about the two different contexts of designing games for marketing and training. Students will create examples and prototypes of their designs. Prerequisites: STCM-22000. (S)

3 Credits

STCM 30600 Advanced Web Design (NLA)

Building on Web Design, an advanced course in website design that provides a hands-on approach to designing dynamic, database driven websites by incorporating a user-based approach in the design and implementation. Core concepts explored include: visual design for the dynamic web, coding and development platforms, relational databases, and content management systems. Prerequisites: STCM 20600. (S) 3 Credits

STCM 30900 Media Planning (NLA)

Advanced application of the qualitative and quantitative study of media audiences, including broadcast, print, out-of-home, online, mobile, and social media, with particular emphasis placed on measures of audience composition, coverage, and engagement, and the interpretation and application of audience data to media planning for integrated marketing communication campaigns. Prerequisites: STCM 24100. (F,S) 3 Credits

STCM 31000 Organizational Speech Writing and Interviewing (LA)

The role of the organizational communication specialist includes many functions, two of which are addressed in this course. The organizational interviewing function focuses on dyadic and group situations where information is gathered, evaluated, and sometimes shared, such as selection, appraisal, and focus group interviews. The organizational speech-writing function focuses also on the production and dissemination of information and includes audience analysis and manuscript writing. Students prepare and conduct interviews, write speeches, and critique both the execution and underlying dynamics of each. Prerequisites: STCM 10800, SPCM 11000, or SPCM 11500; two courses in communications, speech communication, or culture and communication. (IRR)

Attributes: CCCS, H, UND

3 Credits

STCM 31100 Communicating with Stakeholders (NLA)

Explores the strategies and tactics employed by communication professionals in engaging and influencing internal and external organizational stakeholders including employees, customers, donors, stockholders, lawmakers and regulators, community neighbors, the press, and business partners. Students will learn and apply legal reporting requirements, current practices, communication and collaboration tools and methods, and ethical considerations related to the various ways that organizations of all types interact with key constituencies. Prerequisites: STCM 21100 or STCM 23200 or any 200-level course in FINA, SMGT, MGMT, or ACCT. (E,Y)
3 Credits

STCM 31200 Information Design (NLA)

Information design is the skill and practice of preparing information for use by the target audience. Topics include examining information graphics, data visualization, wayward signage, and information architecture. Emphasis is on translating data into visual representations in order to improve communication. Prerequisites: STCM 22000. (S,E)
3 Credits

STCM 32000 Leadership Communication (LA)

Examines the theories and practices of participatory leadership in organizational settings. Specific attention is given to communication skills, media applications, and problem-solving and decision-making formats. Prerequisites: Three courses in communications; junior standing. (F)
Attributes: SS
3 Credits

STCM 33000 Advertising Copywriting and Art Direction (NLA)

Focuses on building a strategy to meet marketing communication goals with effective advertising across a variety of media. Students will learn, think, and communicate through both copy and visuals as they gain experience in conceptualizing, designing, and writing messages for media. Students will learn how to create and present such messages, as well as how to analyze and evaluate their persuasiveness. Prerequisites: STCM 24100, STCM 11100. (F-S)
Attributes: CCCS
3 Credits

STCM 33200 Writing for Public Relations (LA)

Fundamentals of writing for public relations. Emphasis is placed on format requirements of materials submitted to the media; writing for a client; persuasion in writing; and clarity, flow, and other elements of proper public relations writing style. Provides applications using news release, feature, article, editorial, and financial report formats. Prerequisites: STCM 23200; WRTG 10600 or ICSM 10800 or ICSM 11800. (F,S)
Attributes: CCCS, WI
3 Credits

STCM 33300 Applied Event Management (NLA)

The application of communication and project management principles to complex organizational events such as training seminars, product launches, fund-raising events, and conferences, providing students an opportunity to work on and critique the planning and execution of an actual event. Each student is assigned an event and conducts structured observations of meetings and activities of the event team, reflecting on current issues and trends from readings and lectures. The student is also assigned specific duties in the planning, execution, and/or evaluation stages of the event, and produces a professional portfolio and project notebook that documents and reflects on the competencies they developed. Prerequisites: STCM 23000. (S)
3 Credits

STCM 36500 Communication in International Organizations (LA)

This course explores the relationship between organizational communication and culture in the context of international organizations. In particular, it focuses on communication process and structure, emphasizing the creation and interpretation of messages aimed at persuasion and influence, as well as learning, training, and performance. Prerequisites: Three courses in communications; junior standing. (IRR)
Attributes: SS
3 Credits

STCM 36600 Global, Intercultural, and Multicultural Public Relations (NLA)

This course focuses on international, intercultural, and multicultural perspectives of public relations facing public relations firms and in-house communication departments today. It will provide students with an understanding of real-world public relations techniques, as well as viewpoints from scholars, vital to developing effective and ethical communication campaigns targeted to international publics and multicultural publics in the U.S. It also examines the impact of worldwide technological innovations, as well as social, economic, and political changes. Prerequisites: STCM 23200; junior standing. (S)
Attributes: DV
3 Credits

STCM 38000 eLearning (NLA)

The theory and practice of designing online learning. Concepts of interactivity, feedback, perception, and learning are studied. Students integrate knowledge of instructional design with development skills in designing, developing, and evaluating an online learning project. Prerequisites: STCM 21000. (S,O)
3 Credits

STCM 39000-39010 Selected Topics in Strategic Communication (LA)

Exploration and analysis of a specific area of communication. Topics vary based on student demand and on faculty expertise and research interest. Course content and pedagogical methods meet the College guidelines for liberal arts designation. May be repeated once. Not a production course. Total number of credits in any combination of STCM 39000, STCM 39010, 22x-41200, and 22x-41210 may not exceed 6. Prerequisites: Junior standing; others vary depending on the topic. Refer to Undergraduate Course Offerings each semester. (IRR)
3 Credits

STCM 40400 Communication Design Lab (NLA)

An advanced course dedicated to the design of a fully functional media-based solution for a client or targeted crowdfunding campaign. Students will navigate the entire design process; including ideation, planning, design creation and testing, implementation, and evaluation. This project may touch on aspects of visual, web, social media, interactive media, information, instructional, and game design. Senior standing or permission of instructor. Prerequisites: STCM 20600 and STCM 22000. (F)
3 Credits

STCM 41200 Workshop in Strategic Communication (NLA)

Individual assignments designed to provide advanced applied experiences based on students' program and career goals. Specific projects may involve production or communication analysis and design; projects are determined jointly by the student and a faculty adviser and must have departmental approval. Students may take a second semester of this course with approval of the instructor. Total for STCM 41200 and STCM 49900 may not exceed Prerequisites: Junior standing. (F,S)
1-6 Credits

STCM 42000 Integrated Marketing Communications Lab (LA)

A capstone course that applies key components of integrated marketing communications including advertising, public relations, brand positioning, and sales promotion. Students complete a client project that requires research and development of integrated strategies to achieve specific marketing objectives. Students will also analyze relevant cases and apply principles and best practices to their client engagement. Prerequisites: TVR 12100; STCM 23200; STCM 24100; MKTG 31200; integrated marketing communications major or minor. (S)

3 Credits

STCM 43000 Brand Design and Communication (NLA)

An advanced course that focuses on the communication process of redesigning a corporate brand for an existing corporation or organization. After defining a company's essence, character, and purpose, students design and execute a corporate image across various forms of internal and external communications. Requires conceptual thinking and creative execution, and culminates in a comprehensive branding campaign for a specific company suitable for inclusion in a creative portfolio. Students need to have prior hands-on experience using graphic design software to create visual images. Prerequisites: Integrated marketing communications major or minor; junior standing; STCM 33000. (F)

3 Credits

STCM 43400 Communication Management Lab (NLA)

Capstone course examining management principles and practices for communication and workplace learning professionals. Topics include developing department operations budgets, strategic planning and organizational alignment, identifying client needs, requests for proposals, senior management relations, communicating value, developing policies and procedures, assessing employee performance, project management, and change management practices. Students carry out a project for a client to investigate a communications/learning problem and design an intervention. Enrollment limited to CMD and IMC majors and minors. Prerequisites: Senior standing. (S)

3 Credits

STCM 44000 Public Relations Lab (NLA)

An advanced workshop dedicated to the planning of an actual public relations case study, including analysis of the publics involved and the media options for the practitioner; planning, budgeting, and scheduling; and development of problem-solving messages, actions, and/or events.

For advanced students in business or communications or for those planning a career in public relations. Prerequisites: STCM 23200; STCM 33200, STCM 33000, WRTG 31100, or STCM 34000. (F,Y)

Attributes: SL

3 Credits

STCM 44100 Ad Lab (NLA)

The essentials of advertising campaign planning, including media strategy, positioning, and ad design, culminating in a comprehensive plan for a specific product. For advanced students in marketing or communications or for those planning a career in advertising.

Prerequisites: STCM 24100; STCM 28800; STCM 30900; STCM 33000; acceptance of portfolio. (S)

Attributes: UND

3 Credits

STCM 45000 Critical Issues (LA)

Explores new and emerging issues that impact organizations and society, and how professionals in communication and learning can contribute to understanding and resolving them. Students conduct design inquiries into an issue of their choice. They engage in research to understand the multiple dimensions and perspectives of the issue, and in designing to propose potential resolutions. Enrollment limited to Communication Management and Design, Integrated Marketing Communications, and Culture and Communication majors and minors. Prerequisites: Senior standing, STCM 12300; STCM 28800 or, for Culture & Communication majors, with instructor approval. (F)

3 Credits

STCM 49000 Internship (NLA)

Jointly supervised work experience with a cooperating institution or organization in the field of communications, intended to motivate the intern toward professional growth through observation and participation, to provide an opportunity to meet active professionals, and to stimulate career planning. Skills and academic knowledge will be put into practice. May be repeated. Total may not exceed including London and Los Angeles internships. Enrollment limited to strategic communication majors or minors. Prerequisites: Completion of the Park School internship procedures. (F,S,U,W)

1-12 Credits

STCM 49300 Internship: Live Event Design and Management (NLA)

Jointly supervised work experience with a cooperating institution or organization in the field of live events, intended to motivate the intern toward professional growth through observation and participation, to provide an opportunity to meet active professionals, and to stimulate career planning. Skills and academic knowledge will be put into practice. May be repeated. Total may not exceed Enrollment limited to students enrolled in the Live Event Design and Management minor. Prerequisites: STCM 23000; completion of the Park School internship procedures. (F,S,U,W)

1-12 Credits

STCM 49800 London Communications Internship (NLA)

A limited number of internships with cooperating institutions or organizations are available to communications majors. The jointly supervised work experience offers the opportunity to learn through observation and participation in a professional setting. Prerequisites: Junior or senior standing; completion of Park School internship procedures; approval of the dean in the semester preceding the London registration. Pass/fail only. (F,S)

Attributes: UND

3-6 Credits

STCM 49900 Independent Study (LA)

Intensive study under the supervision of a faculty adviser. Possible topics include instructional design and evaluation, organizational communication analysis and evaluation, and the adoption and evaluation of new technologies such as multimedia or teleconferencing. Comprehensive research paper (not a project) is required. May be repeated for a total of no more than six credits; total of CMD 49900 and CMD 41200 may not exceed six credits. Enrollment limited to strategic communication majors. Prerequisites: Junior standing. (F,S)

1-6 Credits

Communication Management and Design Major – B.S.

Learn more at the Department of Strategic Communication page

The bachelor of science (B.S.) program in communications management and design has two concentrations: corporate communication, and communication design. Students typically declare their concentration prior to the third year.

Requirements for the Major Summary

Code	Title	Credits
	Major Core Requirements	29
	Supplemental requirements	9
	Concentration Requirements	18-19
	Corporate Communication (18 credits)	
	Communication Design (18-19 credits)	
	Integrative Core Curriculum (ICC) Requirements ¹	29
	Other Electives	34-35
Total Credits		120

* **Total Credits** must include 60 liberal arts credits and 60 credits outside the Park School

¹ see ICC requirements (p. 281) for Park School

Degree Requirements

Code	Title	Credits
Core Requirements		
GCOM 13000	Spark: Igniting your Future in Communications	1
STCM 10300	Introduction to Strategic Communication (ICC-CLA)	3
STCM 10800	Communication in Organizations	3
STCM 11100	Presentation & Graphic Design	3
STCM 12300	Systemic Design (ICC-CLA)	3
STCM 20200	Career Pursuit	1
STCM 21000	Instructional Design	3
STCM 21100	Corporate Communication: Strategy and Design	3
STCM 28800	Research and Statistics for Strategic Communication (ICC-CLA & QL)	3
STCM 43400	Communication Management Lab	3
STCM 45000	Critical Issues (ICC-CLA)	3
Supplemental Requirements		
WRTG 10600	Academic Writing I (fulfills ICC requirement for same course) ¹	3
MGMT 11100	Introduction to Business	3
WRTG 21100	Writing for the Workplace	3
Additional Requirements for Concentrations		
Select one concentration from the list below ²		18-19
Total Credits		56-57

¹ Fulfills ICC requirements of same course.

² Communication Management and Design majors can declare only one concentration. A concentration must be declared by the end of the sophomore year.

Concentrations

Corporate Communication Concentration

Students learn to influence communication in organizations by creating crisis communication plans, corporate events, and strategies for managing relationships with the media, government agencies, and stakeholders. Courses cover internal communications, communicating corporate social responsibility, community relations, event planning, and leadership.

Code	Title	Credits
Select three of the following 3-credit courses:		9
STCM 23000	Meeting and Event Management	
STCM 23200	Public Relations	
STCM 30000	Crisis Communication	
STCM 31000	Organizational Speech Writing and Interviewing	
STCM 31100	Communicating with Stakeholders	
STCM 33300	Applied Event Management	
STCM 44000	Public Relations Lab	
Select two of the following 3-credit courses:		6
STCM 20400	Virtual Teams	
STCM 25100	Organizational Culture and Conflict	
STCM 32000	Leadership Communication	
STCM 38000	eLearning	
STCM 49000	Internship ¹	
Select one of the following 3-credit courses:		3
STCM 20600	Web Design	
STCM 22000	Interactive Media	
STCM 23400	Promotional and Instructional Video	
Total Credits		18

¹ A maximum of 3 credits of STCM 41200, STCM 49000, STCM 49800 and/or STCM 49900 may be applied totally.

Communication Design Concentration

Students learn to use their creativity purposefully. Students learn to utilize the right information with the right visuals to inspire, persuade, and inform. Courses cover graphic design, web design, interaction design, social media design, instructional design, and information design.

Code	Title	Credits
STCM 20600	Web Design	3
STCM 22000	Interactive Media	3
STCM 40400	Communication Design Lab	3
Select two of the following 3- to 4-credit courses:		6-7
CNPH 14100	Introduction to Photography	
STCM 20400	Virtual Teams	
STCM 21200	Experience Design	
STCM 23400	Promotional and Instructional Video	
STCM 30100	Social Media Strategy	
STCM 30300	Games for Marketing & Training	
STCM 49000	Internship ¹	
Select one of the following 3-credit courses:		3
STCM 30600	Advanced Web Design	
STCM 31200	Information Design	

STCM 38000 eLearning

Total Credits 18-19

¹ A maximum of 3 credits of STCM 41200, STCM 49000, STCM 49800 and/or STCM 49900 may be applied totally.

Integrated Marketing Communications Major – B.S.

Learn more at the Department of Strategic Communication page (p. 304)

Requirements for the Major Summary

Code	Title	Credits
	Communications course requirements	37-41
	Business course requirements	21-24
	Other course requirement	3
	Integrative Core Curriculum (ICC) Requirements ¹	26-29
	Other Course Electives	26-30
Total Credits		120

* **Total Credits** must include 60 liberal arts credits and 60 credits outside the Park School

¹ see ICC requirements (p. 281) for Park School

Degree Requirements

Code	Title	Credits
Communications Course Requirements		
GCOM 13000	Spark: Igniting your Future in Communications	1
STCM 10300	Introduction to Strategic Communication ¹	3
STCM 11100	Presentation & Graphic Design	3
TVR 12100	Introduction to Mass Media ¹	3
STCM 23200	Public Relations ¹	3
STCM 24100	Advertising ¹	3
STCM 30900	Media Planning	3
TVR 31200	Government and Media (ICC-CLA) ¹	3
STCM 33000	Advertising Copywriting and Art Direction	3
STCM 33200	Writing for Public Relations (ICC-WI) ¹	3
Select one of the following:		3-4
STCM 28800	Research and Statistics for Strategic Communication (ICC-CLA & QL)	
PSYC 20700	Statistics in Psychology (ICC-CLA & QL)	
Select one of the following:		3
STCM 10800	Communication in Organizations (ICC-CLA)	
CMST 11500	Business & Professional Comm (ICC-CLA)	
Select one of the following:		3
STCM 42000	Integrated Marketing Communications Lab	

STCM 44000	Public Relations Lab	
STCM 44100	Ad Lab	
STCM 43000	Brand Design and Communication	
STCM 43400	Communication Management Lab	
Business Course Requirements		
GBUS 20300	Legal Environment of Business I	3
ACCT 22400	Reporting and Decision Making in Integrated Marketing Communication	3
MKTG 31200	Principles of Marketing	3
MKTG 32300	Consumer Behavior	3
MKTG 32500	Sales and Sales Promotion	3
MKTG 49100	Digital Marketing	3
Select one of the following:		3
MKTG 38000	International Marketing	
STCM 36600	Global, Intercultural, and Multicultural Public Relations	
Select one of the following:		3
MKTG 41100	Marketing Analytics	
MKTG 49700	Selected Topics: Marketing	
Other Course Requirement		
ECON 12200	Principles of Microeconomics ¹	3
Total Credits		64-65

¹ Liberal arts courses.

Communication Management and Design Minor

Learn more at the Department of Strategic Communication page (p. 304)

Requirements

Code	Title	Credits
Required Courses for the Minor		
STCM 10300	Introduction to Strategic Communication	3
STCM 21000	Instructional Design	3
STCM 21100	Corporate Communication: Strategy and Design	3
STCM XXXXX	Choose any one course in Communication Management and Design at Level-1 or Level-2	3
STCM XXXXX	Choose any two courses in Communication Management and Design at Level-2 or Level-3, excluding internship	6
Total Credits		18

Integrated Marketing Communications Minor

Learn more at the Department of Strategic Communication page (p. 304)

Requirements

Code	Title	Credits
Required Courses for the Minor		
STCM 10300	Introduction to Strategic Communication	3
STCM 11100	Presentation & Graphic Design	3
STCM 23200	Public Relations	3
STCM 24100	Advertising	3
MKTG 31200	Principles of Marketing	3
Choose ONE of the following:		3
STCM 30900	Media Planning	
STCM 33000	Advertising Copywriting and Art Direction	
STCM 33200	Writing for Public Relations	
STCM 36600	Global, Intercultural, and Multicultural Public Relations	
Total Credits		18

Additional Requirements for the Minor

All prerequisite courses must be completed with a grade of B or better to qualify the student for placement in advanced courses.

Live Event Design and Management Minor

Learn more at the Department of Strategic Communication page (p. 304)

At least 12 of the total 24 credits within the minor must be at the 3XXXX level or greater. Only 3 credits of Internship can count for the minor. At most, 9 credits can count for this minor and for a student's major.

Code	Title	Credits
STCM 13300	Live Events: Spectacles, Festivals, Celebrations, and Society	3
STCM 23000	Meeting and Event Management	3
STCM 33300	Applied Event Management	3
STCM 49300	Internship: Live Event Design and Management	1-6
Elective Courses: In consultation with an academic adviser for the minor and/or the CMD Program Director, each student will complete 12 elective credits designed to meet the student's unique educational goals within the minor.		12
MGMT 1XXXX - 4XXXX		
MKTG 1XXXX - 4XXXX		
MUMC 1XXXX - 4XXXX		
SPME 1XXXX - 4XXXX		
STCM 1XXXX - 4XXXX		
TVR 1XXXX - 4XXXX		
THEA 1XXXX - 4XXXX		
Total Credits		24

Interdisciplinary Programs

The Roy H. Park School of Communications offers courses and programs that aren't housed in a specific department. The GCOM or General Communication courses leverage perspectives from different Park School areas and blend those in their focus. Our Interdisciplinary programs create unique majors or minors that address the blending of this fast-moving field.

B.A. Documentary Studies and Production (p. 315) - *Patricia R. Zimmermann, Professor and Interim Program Director*

The interdisciplinary B.A. in documentary studies and production is a four-year curriculum designed to prepare students to become documentary filmmakers as well as to understand the growing and complex world of documentaries, drawing on existing courses in the television-radio, cinema and photography, and journalism programs. This is a broad, liberal arts-based curriculum. Requirements are divided into two areas: studies courses and production courses. Open electives enable students to tailor their own programs.

Academic Policies

Transfer students applying to the B.A. in documentary studies and production must have a minimum cumulative GPA of 2.75 or higher to have their application considered; however, this minimum does not guarantee acceptance to the degree program. This policy applies to all applicants to the degree program, including students transferring from another major in the Park School or at Ithaca College and those applying from other academic institutions.

Pre-approved Double Majors

Documentary Studies and Production has partnered with three departments in the School of Humanities and Sciences – Environmental Studies, World Languages, Literatures, and Cultures, and Politics to create pre-approved double majors. This initiative facilitates dynamic connections between these three areas of study in the humanities, and the communication and critical evaluation skills that are fostered in the Documentary Studies and Production program. Early adopters will enjoy:

- Streamlined admissions procedures for declaring the double major
- Advising support from faculty in both departments

For more information contact the chair or program director from any of the four majors.

B.S. Sports Media (p. 315) - *Mead Loop, Professor and Program Director*

The B.S. in sports media prepares students for careers at the college, professional, and amateur levels as media relations directors, event marketers, on-air talent, producers, digital journalists, publicists, social media strategists, and community relations coordinators. The curriculum consists of a sports media core and a required area-of-study comprising strategic communications, journalism, television-radio, and general communications course offerings. As one of the few institutions in the country to award a sports media degree, in 1992 Ithaca College created a sports media-centric program with a focus on experiential-learning opportunities and specialized courses for a career in the sports industry. In addition to liberal arts requirements, students are required to have an internship, and still have the academic flexibility to declare a minor, study abroad, and/or study away.

Majors

- Documentary Studies and Production Major – B.A. (p. 315)
- Sports Media, B.S. (p. 315)

GCOM 10001-10010 Park Scholar Program Special Topics (LA)

Exploring various topics of interest to the field of media studies, this seminar develops the Park Scholar Program's first-year class into a learning community fluent in debates surrounding contemporary issues in communications studies. Open only to Park Scholars. Prerequisites: Permission of instructor. (F)

1 Credit

GCOM 10107 FLEFF: Mapping our Worlds (LA)

Maps can both reveal new territories and hide old secrets, show us multiple views of the world and also chronicle the havoc we wreak. In conjunction with the Finger Lakes Environmental Film Festival and using the "Atlas" works of Rebecca Solnit as our guide, this course will focus on the layered geographies and mappings of the Finger Lakes. Students will be encouraged to blend genres and media to complicate what we think we see and know about this region. As the semester ends, students will "map" a terrain of their choosing as they examine their relationship to a particular place.

1 Credit

GCOM 12500 Safety Training for Film and Video Production (NLA)

Covers film and television industry standards for safety including studio, location, electrical, weapon, lighting, tool, grip, rigging, pyrotechnics, special effects, and environmental safety, as well as other areas as practices and technology evolve. Includes safe practices for working around roadways and traveling to and from location shoots. Online only. Pass/fail. (F-S)

0-1 Credits

GCOM 13000 Spark: Igniting your Future in Communications (NLA)

An exploration of the important themes, radical creative/economic transformations, and disruptive technologies that impact the study and practice of communications. Using a problem-based learning approach, students are exposed to realworld challenges that influence all of the communications disciplines and professions, such as global and virtual enterprises, intellectual property, control and manipulation of information, imagery, and media channels, social and usergenerated media, and emerging economic models. Through discussions and case studies with guest speakers, students will gain an expanded understanding of current realities, interdisciplinary intersections, and future opportunities so that they can better plan their academic experience. Open only to freshmen majors in the Roy H. Park School of Communications and all freshmen in the B.S. in Emerging Media. (F)

1 Credit

GCOM 20100 Water Planet: Perspectives on Water Sustainability (LA)

Understand perspectives on water sustainability issues through an interdisciplinary approach with guest experts in the arts, sciences and humanities. Explore water sustainability topics from the personal to the global through readings, activities, discussion and media analysis. Prerequisites: Sophomore standing. (IRR)

Attributes: 1, G, HM, HU, SS, TPJ, TQSF

3 Credits

GCOM 23928-29327 Minicourses in Communications (LA)

A series of short courses in specialized areas of communications that meet the College guidelines for liberal arts designation. Visiting lecturers and faculty of the school participate in areas of their expertise. May be repeated. Prerequisites: Vary depending on the topic; refer to Undergraduate Course Offerings each semester. Pass/fail. (IRR)

1-2 Credits

GCOM 32600 Media Industries (NLA)

Introductory overview of media and media-related industries (film, television, radio, corporate communications, sound recording, journalism, advertising, and public relations), with an emphasis on the interrelationship between the corporate and economic structures of the Hollywood system and media production. The course combines lectures, classroom exercises, and panel discussions with creative and corporate professionals currently working in the industry. Prerequisites: Junior standing. (Offered in Los Angeles F-S)

1 Credit

GCOM 41200-41210 Selected Topics (LA)

Exploration and analysis of a specific area of communication. Topics vary based on student demand and on faculty expertise and research interest. Course content and pedagogical methods meet College guidelines for liberal arts designation. May be repeated once. Not a production course. Total number of credits in any combination of TVR 41200, TVR 41210, GCOM 41200, GCOM 41210, STCM 39000, and STCM 39010 may not exceed 6. Prerequisites: Junior standing; others vary depending on the topic. Refer to Undergraduate Course Offerings each semester. (IRR)

3 Credits

GCOM 43000 Connecting the Dots: General Education Integration (NLA)

Explores the connections between the components of the general education core and students' major requirements. Students critically analyze their academic experience and other cocurricular and professional activities through online discussion of their overall college experience and how it connects to their majors and career aspirations. In addition, students will produce an extended reflective essay, or other appropriate artifact, that will be included as the framing element of their e-portfolio. This course is only open to majors in the Park School of Communications. Prerequisites: senior standing. (F,S)

Attributes: CP

1 Credit

DOCU 10100 Documentary Immersion (LA)

An introduction to the vast field of documentary with regular guest presentations about the various aspects of the theory and practice of the field drawn from across the Park School faculty. Attendance is required at a number of documentary-oriented special events both in the Park School and in other schools on campus, including screenings, guest lectures, workshops, master classes, concerts, trainings, and symposia. (F)

1 Credit

DOCU 40100 Documentary Industries (LA)

An overview of the political economies, infrastructures, and operations of documentary practices across platforms such as print, analog, digital media, and hybrid forms within both national and international contexts. It discusses budgeting, project development, technologies, research, production and team management, fundraising, co-productions, granting agencies, legal and ethical issues, marketing design, public relations, press kits, festivals, broadcast, streaming, roll-out strategies, website development, engagement campaigns, audience development for festivals and screenings, distribution, four walling, roadshowing, self-distribution, institutional and home-use sales, community-based screenings, and eventizing. (S)

Attributes: CCCS

1 Credit

DOCU 49900 Documentary Practicum (NLA)

Produce a substantive nonfiction media project with the guidance of a faculty member. Projects that partner with nonprofit, activist or educational groups outside of the Park School of Communications are encouraged. Works for hire are not eligible. Access is restricted to proposals that are approved by the Documentary Studies and Production Steering Committee before the registration period in the prior fall or spring semester. The outcome should be a completed work suitable for inclusion in a professional portfolio and that has value as a form of community engagement on substantial issues. By permission of instructor. Prerequisites: TVR 29900 or JOUR 21100. (IRR)
1-4 Credits

SPME 11100 Introduction to Sports Media (NLA)

An introductory course that investigates global sport media landscape, including areas of print, broadcast, Internet and evolving social media platforms. Functions of media delivery, skills, and attributes required of industry professionals are discussed. Students become acquainted with career opportunities in the sport media field. (F,S-Y)
3 Credits

SPME 22500 Sports Media Relations (NLA)

Deals with the workings and process behind executing the proper techniques of media relations in all facets of the sport industry. The media relations offices of college/university athletic departments or professional franchises act as liaisons between the school/team and the media. To better understand how both sides work to form this symbiotic relationship, sport organizations will be analyzed in terms of their organization and execution of promotion and marketing strategies. Prerequisites: Sophomore standing; and Sports Media majors or other Park School majors with instructor permission. (F,Y)
3 Credits

SPME 24200 Sports Video Production (NLA)

Students apply their introductory knowledge of preproduction planning, camera work, scriptwriting, editing, and interview techniques to create video packages dealing with local sport events. Students will complete their packages in a collaborative manner through all phases of fieldwork production. The emphasis is on improving the proper fundamentals and techniques needed for shooting sporting events while creating an interesting audio and visual perspective. Prerequisites: TVR 11500; SPME 11100; sophomore standing. (Y)
3 Credits

SPME 29200-29300 Minicourse in Sports Media (NLA)

A series of short courses in specialized areas of sports media. Visiting lecturers and faculty of the school participate in areas of their expertise. Analyses of actual case studies focusing on sports media problems and issues confronted by sport managers helps students in further developing their critical thinking and problem-solving skills. Students conduct independent research in which they analyze a particular management problem/issue (case study), and develop and write strategies to effectively address the management problem/issue. May be repeated. Additional fee for course materials (see course schedule). Prerequisites: At least one SPME course; refer to "Undergraduate Course Offerings" each semester. Pass/fail only. (IRR)
1-3 Credits

SPME 33900 Sports Publications (NLA)

Examines the operations and procedures behind the various arms of the print media. Students will learn about newspapers, magazines, and web publications by first analyzing their historical evolution and basic business models. The primary goal is to understand how these media outlets define their target audience, satisfy commercial obligations, and then create relevant and appealing material. Students will analyze the style and tone of the various media outlets by reading different publications and critiquing the presentation along with the substance of the words on the page. After the analytical work is completed, the second half of the semester will be based on students writing copy for newspapers, magazines, and web publications. The final goal is to produce a publication created solely by all the students in the class. Prerequisites: JOUR 11100; SPME 11100; junior standing. (S,Y)
3 Credits

SPME 39000 Gaming in Sports Media (LA)

The intersection of gaming, gambling and fantasy sports in sports media is explored. Gaming's embrace of disruptive technology, analytics, legal decisions and changing mores mean once frowned-upon activities are now mainstream leisure and economic pursuits. (F,S)
3 Credits

SPME 39800 Narratives in Sports Documentaries (LA)

Investigates sporting narratives through the examination of contemporary documentaries. Emphasis on sporting influence on individualistic and societal levels through story, setting and various themes, including forgiveness, regret, pursuit of happiness and structured, calculated rebellion. Prerequisites: Three courses in Sport Media or Sport Studies; Junior or senior standing. (F,S,Y)
Attributes: DV
3 Credits

SPME 39900-39902 Selected Topics: Sports Media (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR)
1-3 Credits

SPME 39903 Special Topics: Athletes in the Media: Critical Discourse Surrounding Sports Figures (LA)

The class will discuss the intersection of sport and media during seminal moments in American history and will offer critical perspectives of how media shaped the narrative surrounding primary actors. It is as much an examination of the people as it is the situations they were set in. Prerequisites: JOUR 11100. (Y)
Attributes: CCCS
3 Credits

SPME 44000 Senior Workshop in Sports Media (NLA)

Integrates the various disciplines studies in sports media to develop communications-related plans. Allows students opportunities to create artifacts pertaining to video production, strategic communications, sports journalism, and/or emerging sports media. Prerequisites: Sports Media majors; SPME 11100; SPME 22500; SPME 33900 and senior standing (F-S)
3 Credits

SPME 45000-45100 Independent Study in Sports Media (LA)

Individual study program for the investigation of special issues or topics in the field of sport media that have such breadth of cultural material or psychological material, such rigor and depth of theoretical structure, or such play of broad intellectual and aesthetic themes as to be classified liberal arts. Arranged individually between student and faculty sponsor according to guidelines available from the department. Prerequisites: Sports Media major; permission of the program director. (F-S,Y)
1-3 Credits

SPME 46000 Internship in Sports Media (NLA)

Supervised work experience in amateur or professional sport agencies and community sport organizations. Student assumes a leadership role in various job-related activities and performs administrative tasks in support of such activities under an experienced agency supervisor and faculty sponsor. Prerequisites: Sports Media major; permission of program director; completion of the Park School internship procedures. This course may be repeated for a total of twelve credits. (F-S,Y)
1-12 Credits

Documentary Studies and Production Major – B.A.

Learn more at the Interdisciplinary Programs page (p. 312)

Requirements for the Major Summary

Code	Title	Credits
	Major Course Requirements	46
	Minor Requirement (select a Minor outside the Park School)	18-25
	Integrative Core Curriculum (ICC) Requirement ¹	29
	Other Elective Courses	20-27
Total Credits		120

* **Total Credits** must include 90 liberal arts credits and 60 credits outside the Park School

¹ see ICC requirements (p. 281) for Park School

Degree Requirements

Code	Title	Credits
Major Requirements:		
GCOM 13000	Spark: Igniting your Future in Communications	1
DOCU 10100	Documentary Immersion	1
JOUR 11100	Introduction to Journalism (ICC-CLA)	4
JOUR 11200	Investigative Journalism (ICC-CLA)	4
CNPH 14100	Introduction to Photography (ICC-CLA)	4
CNPH 11100	Cinema Production 1	4
or TVR 11500	Introduction to Field Production	
CNPH 10100	Introduction to Film Aesthetics and Analysis	3
or TVR 12200	Introduction to Media Aesthetics and Analysis	
TVR 29800	Exploring the Documentary	3
TVR 29900	Nonfiction Production	4

CNPH 30100	History and Theory of Documentary (ICC-WI)	3
TVR 31200	Government and Media	3
DOCU 40100	Documentary Industries	1
TVR 49600	Documentary Workshop	4
Select one of the following three 3-credit courses		3
TVR 25100	Critical Thinking and Mass Communication	
JOUR 21300	Journalism Ethics	
CNPH 24000	History of Photography	
Select one of the following four 4-credit courses		4
JOUR 21100	Visual Journalism	
TVR 23500	Editing	
CNPH 32200	Advanced Cinema Production: Nonfiction	
CNPH 24200	Intermediate Photography	
Minor Requirement:		
Select a minor outside of the Roy H. Park School of Communications. ¹		18-25
Total Credits		64-71

¹ *Documentary Studies and Production majors are required to choose a minor outside the Roy H. Park School of Communications. Documentary Studies and Production majors may not have a minor in business, accounting, finance, marketing, management, or other minors with too many NLA credits without undertaking additional liberal arts courses. Total credits in the minor may not include more than 4 credits of courses offered within the Roy H. Park School of Communications that are fulfilling Documentary Studies and Production requirements.*

Sports Media - B.S.

Learn more at the Interdisciplinary Programs page

Summary

Code	Title	Credits
	Major Core Requirement	34
	Major Elective Requirement	18
	Integrative Core Curriculum (ICC) Requirements ¹	29
	Other Electives	39
Total Credits		120

* **Total Credits** must include 60 liberal arts credits and 60 credits outside the Park School

¹ see ICC requirements (p. 281) for Park School

Degree Requirements

Code	Title	Credits
Major Core Requirements		
GCOM 13000	Spark: Igniting your Future in Communications	1
SPME 11100	Introduction to Sports Media	3
JOUR 11100	Introduction to Journalism (ICC-CLA)	4
TVR 11500	Introduction to Field Production	4

TVR 12400	Introduction to Media Industries (ICC-CLA)	4
STCM 23200	Public Relations (ICC-CLA)	3
SPME 22500	Sports Media Relations	3
SPME 33900	Sports Publications	3
SPME 39800	Narratives in Sports Documentaries	3
SPME 44000	Senior Workshop in Sports Media	3
SPME 46000	Internship in Sports Media	3
Major Elective Requirement		
Select 18 credits of the following (at least 9 credits must be at the 30000 level or higher):		18
SPME xxxxx: Sports Media courses		
JOUR xxxxx: Journalism courses		
STCM xxxxx: Strategic Communications courses		
TVR xxxxx: Television Radio Courses		
GCOM xxxxx: General Communications courses		
Total Credits		52

School of Health Sciences and Human Performance

Linda Petrosino, *Dean*

Christina S. Moylan, *Associate Dean*

John Sigg, *Associate Dean*

For full faculty listing, see "Faculty and Administration (p. 742)."

Our Mission

Programs in Health Sciences and Human Performance utilize experiential learning to integrate theory and scholarship with professional practice to foster life-long learners who demonstrate integrity and are committed to improving the quality of life for individuals, groups, and populations.

We meet this mission by:

- fostering interdisciplinary collaboration within and between academic and professional settings.
- using experiential learning as a means to integrate theory and scholarship with professional practice.
- using scholarship, in all of its forms, to advance knowledge and practice.

Career Opportunities

Students who graduate from our degree programs have career opportunities including rehabilitating people in clinical, employment, school, or home-based settings; coaching athletes; designing fitness programs for individuals or within corporate settings; working within a sport organization, government health agency, or community setting; managing hospitals and nursing homes; supporting public health activities in government, nonprofit, or global settings to improve population health; teaching health and physical education; or leading outdoor adventure pursuits.

Hallmarks for Student Success

Wide Choice of Programs

HSHP currently enrolls more than 1,300 full-time students in 16 different undergraduate degree programs and 6 graduate programs (5 master's degrees as well as a clinical doctorate in physical therapy). In addition, students can choose from a variety of minors, emphases (e.g., food and nutrition) and concentrations (e.g., medical sciences) within some of the undergraduate majors. The wide breadth of programs ensures that students can find a major in HSHP that will meet their life goals. Upon graduation, students interested in developing further depth in an area can advance to graduate studies in many departments.

The HSHP Pre-Health Professions Program is available for first- and second-year students who are interested in health and human performance careers but are uncertain of the professional major they want to pursue. Students receive intensive guidance and academic advisement concerning program choices before declaring a major.

Faculty as Advisers, Mentors, and Research Partners

The strength of an HSHP degree emerges from a dedicated faculty who believe in and practice their areas of expertise and engage in scholarship and research with their students while fully supporting the integration of the liberal arts and sciences into their professional programs.

National Academic Reputation

HSHP students consistently perform above national averages in all programs that require licensure or certification exams. We strive to produce highly prepared entry-level professionals.

Alpha Eta National Honor Society

In March 2009, the Departments of Exercise Science and Athletic Training, Occupational Therapy, Physical Therapy, and Speech-Language Pathology and Audiology from the School of HSHP at Ithaca College applied for and received a charter for a chapter of the Alpha Eta Society (AES). Founded in 1975 at the University of Florida, this national scholastic honor society for the allied health professions was formed to promote and recognize significant scholarship in, leadership in, and contributions to the field. Active membership in the Ithaca chapter of the society consists of candidates for a baccalaureate or a graduate degree in an allied health program, candidates for postdegree certificates in allied health programs, faculty in allied health programs, and alumni of such programs. For more information, visit the Alpha Eta National Honor Society website (<http://www.alphaeta.net/>).

Hands-on Learning

Students in HSHP have myriad opportunities to apply the knowledge and skills developed in the classroom. The importance of experiential learning is demonstrated by our affiliation with over 1,200 sites and organizations, located throughout the United States and abroad, where our students complete fieldwork and internships. In addition, the school houses a faculty/staff wellness clinic, an occupational/physical therapy clinic, the Sir Alexander Ewing Speech and Hearing Clinic, athletic training facilities, and the Center for Life Skills (a center emphasizing a team approach to health care). Each year more than 700 HSHP students complete field experiences as part of their academic program. Annual faculty-led short-term study abroad opportunities offer students an optional global experience.

Employment in One's Chosen Field

Over 90 percent of HSHP graduates find employment in their field or a related field or are accepted into graduate schools of their choice within one year of graduation.

Ithaca Seminar

The Ithaca Seminar (4 credits) is required for all incoming first-year students. See Integrative Core Curriculum for details.

International Study

HSHP students are encouraged to pursue international study. One option is the Ithaca College London Center (<https://www.ithaca.edu/oip/london/>). Other options for international study include HINT 31300, HLTH 30000, and RLS 27700.

Students should consult with their faculty advisers well in advance to ensure that study abroad is scheduled as compatibly as possible with their professional courses at Ithaca and that they have established an adequate foundation for it through their Ithaca work. The staff of the Office of International Programs and Extended Studies, Job Hall 2nd Floor, is also available to assist students in their planning.

Internships and Experiential Learning

All of the programs in HSHP have degree requirements in which students must complete one or more field-based experiences. In all instances, students will work with a faculty member to select and arrange appropriate experiences. Students are responsible for the cost and arrangement of transportation and housing associated with their placement. The Office of Experiential Learning, Smiddy 320, serves to coordinate contractual arrangements with sites, as well as insurance billing. Specific departmental requirements can be found on the Office of Experiential Learning website (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/office-experiential-learning/>).

Course Offerings

In addition to the courses listed in this catalog, others may be offered on an experimental basis. Details of such courses are given in the Undergraduate Course Offerings for the semester in which they are offered. Students should consult the registrar's website for specific information on the schedule of all courses each semester.

Unless otherwise designated, courses are open to all Ithaca College students on a space-available basis, provided that the prerequisites and restrictions for the course are met.

Professional Eligibility

Many of the programs in HSHP provide the foundational coursework and fieldwork experience to prepare students to sit for professional licensure and/or certification exams. In most cases, licensure and/or certification is not awarded as part of the degree. Licensure and/or certification is typically required *in addition to* graduation from an appropriate degree-bearing program in order to practice. Because these credentialing processes are designed to protect the public from practitioners who are unqualified, unscrupulous, or unable to perform professional services adequately, credentialing agencies may bar individuals from subsequent credentials and/or practice. Activities that may exclude students from licensure and/or certification include, but are not limited to,

1. conviction of, plea of guilty to, or plea of no contest (*nolo contendere*) to a felony or misdemeanor related to professional practice or public health or safety; or
2. any physical, mental, or dependency condition that will or may interfere with the ability to practice the designated specialty.

It is the responsibility of the student to check with the relevant licensing or certifying agencies for requirements in this area early in their academic careers.

Graduate Programs

In addition to the undergraduate degree programs offered by its academic departments, the school offers a variety of graduate opportunities.

- The five-year program in athletic training awards both a B.S. degree in exercise science pre-athletic training and an M.S. degree in athletic training. The fourth year of study will include the final year of undergraduate coursework and the first year of the professional/graduate-level coursework phase of the program.
- The six-year program in clinical health studies/physical therapy awards a B.S. degree in clinical health studies at the end of the fourth year and a doctor of physical therapy (D.P.T.) at the end of the sixth year.
- The graduate curriculum leading to an M.S. degree in exercise and sport sciences with programs in human performance and mental performance is offered as a 1.5 or two-year program for students with a bachelor's degree in a relevant field. Students in the mental performance program complete the prerequisite coursework for the Certified Mental Performance Consultant (CMPS) exam.
- The five-year program in occupational science/occupational therapy awards a B.S. degree in occupational science at the end of the fourth year and an M.S. degree in occupational therapy at the end of the fifth year.
- The 27-month physician assistant program awards an M.S. degree in physician assistant studies. The program includes 15 months of didactic classroom work and 12 months of supervised clinical experiences in health care facilities. The didactic phase includes education in the basic science understanding of each organ system, exposure to patients in clinical settings, and simulated practice in the Clinical Learning Center and Simulation Lab. The clinical phase includes seven required rotations, two electives rotations, and a transition to clinical practice course.
- Speech-language pathology majors may apply to continue their studies beyond the B.S. degree through the department's M.S. degree programs in speech-language pathology.

For more information regarding these programs as well as the College's other graduate programs, consult the Ithaca College graduate catalog (p. 757).

Physical Activity, Leisure, and Safety Program

Patrick Lewis, *Program Coordinator*

The physical activity, leisure, and safety (PALS) program provides diverse, skill-oriented physical activities as part of a general education program

promoting the physiological development of students, improving their fitness and motor skills, and enabling them to maintain a suitable recreation program of their choice during and after college. The PALS program offers a variety of activities in the areas of aquatics, individual and dual sports, team sports, and physical fitness. CPR and first aid courses are also offered in the PALS program.

A maximum of 6 credits in PALS courses, taken as open (free) electives, may be counted toward graduation. Each school or department determines the number that may be counted toward graduation. PALS courses are offered on a pass/fail basis only.

Activity Course Registration Information

Students must register online for activity courses. In order to do so, students must select the appropriate block: block 1 (first 7 weeks of the semester) or block 2 (last 7 weeks of the semester). Students risk being automatically dropped from the course if they do not attend the first class meeting. The only exception to this rule will be with prior notice of the absence. A student who is dropped for nonattendance may apply to be added at the next class meeting. (Note: The instructor is not obligated to drop a student; students who decide not to take the course must follow the regular drop procedures.) All persons who participate in activity courses must have a health clearance on file in the College's health center.

Some of the courses require the student to pay an extra fee to cover various instructor, equipment, and materials costs. The costs associated with these courses are noted in the course descriptions when students register.

Intercollegiate Athletic Course Registration Information

Students participating on an intercollegiate athletic team can register for intercollegiate athletic course credit during the course registration process. Students who do not make the team or who discontinue participation for any reason must drop or withdraw from the course online. Intercollegiate athletic courses are offered on a pass/fail basis only. Credit is granted either in the fall or the spring for any given sport. No late requests for credit will be honored.

Majors

- Clinical Health Studies Major – B.S. (p. 365)
- Exercise Science Major, Clinical Exercise & Wellness Concentration – B.S. (p. 330)
- Exercise Science Major, Medical Sciences Concentration – B.S. (p. 331)
- Exercise Science Major, Sport Sciences Concentration – B.S. (p. 332)
- Exercise Science Major, Strength & Conditioning Concentration – B.S. (p. 333)
- Exercise Science Pre-Athletic Training – B.S. (p. 334)
- Health Care Management Major – B.S. (p. 350)
- Health Sciences Major – B.S. (p. 350)
- Occupational Science Major – B.S. (p. 358)
- Occupational Therapy Major – M.S. (p. 359)¹
- Outdoor Adventure Leadership Major – B.S. (p. 370)²
- Public and Community Health Major – B.S. (p. 352)
- Speech-Language Pathology Major – B.S. (p. 377)
- Therapeutic Recreation Major – B.S. (p. 371)²

- Clinical Health Studies/Physical Therapy, B.S./D.P.T., six-year program (p. 860)¹
- Exercise and Sport Sciences – M.S. (p. 834)¹
- Occupational Science/Occupational Therapy, B.S./M.S., five-year program (p. 853)¹
- Physician Assistant Studies – M.S., 27-month program (p. 870)¹
- Speech-Language Pathology – M.S. (p. 876)¹

Teacher Education Programs

- Health Education (Teaching) Major – B.S. (p. 345)²
- Physical Education (Teaching) Major – B.S. (p. 348)²
- Health Education and Physical Education (Teaching) Major – B.S. (p. 347)²
- Speech-Language Pathology with Teaching Certification, M.S. (p. 880)¹

¹ For more information, see the Ithaca College graduate catalog (p. 757).

² Please note that students are no longer being accepted into the following majors as of the fall 2021 semester: Outdoor Adventure Leadership, Therapeutic Recreation, Health Education (Teaching), Physical Education (Teaching), and Health Education and Physical Education (Teaching).

HSHP Pre-Health Professions Program – First- and Second-Year Students Only

As an alternative to being directly admitted to one of the School of Health Sciences and Human Performance (HSHP) professional majors, a student may be admitted to the HSHP Pre-Health Professions Program. The Pre-Health Professions Program is offered for students who are interested in careers related to health, health care, exercise, leisure, health or physical education, or wellness but are uncertain of the professional major they want to pursue. Students enrolled in the program must participate in mandatory advising prior to course registration each semester and complete a course in the Fall semester of the first year which provides an introduction to the health professions. The program is not degree bearing; it is a temporary classification only. After one semester in the program, students are free to apply for transfer to professional majors in HSHP or another school of the College. Transferring into any major is not guaranteed and depends upon capacity, student academic performance, and other department-specific transfer requirements. Students are expected to apply for transfer to a major by the conclusion of their fourth semester or by the time they have earned 60 credits. They must be admitted to a major at the College before their junior year. To ensure meeting these deadlines, students should begin their efforts to decide on a major by spring of freshman year and no later than fall of sophomore year. For more information visit the HSHP Pre-Health Professions Program website (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/undergraduate-majors/hshp-pre-professional-program/>).

Minors and Concentrations

Minors

- Coaching Minor (p. 353)
- Communication Disorders Minor (p. 377)
- Deaf Studies Minor (p. 378)
- Exercise Science Minor (p. 335)

- Health Minor (p. 353)
- Health Policy and Management Minor (p. 354)
- Nutrition Promotion Minor (p. 354)
- Occupational Science Minor (p. 359)
- Outdoor Pursuits Minor (p. 372)³
- Recreation Minor (p. 373)³
- Sport and Exercise Psychology Minor (p. 336)

³ Please note that students are no longer being accepted into this minor after December 31, 2021.

Coaching — For majors in all disciplines. See Department of Health Promotion and Physical Education (p. 336).

Communication Disorders — For majors in all disciplines except speech-language pathology. See Department of Speech-Language Pathology and Audiology (p. 373).

Deaf Studies — For majors in all disciplines. See Department of Speech-Language Pathology and Audiology (p. 373).

Exercise Science — For majors in all disciplines except exercise science and athletic training. See Department of Exercise Science and Athletic Training (p. 322).

Health — For majors in all disciplines except public and community health. See Department of Health Promotion and Physical Education (p. 336).

Health Policy and Management — For majors in all disciplines except health care management. See Department of Health Promotion and Physical Education (p. 336).

Nutrition Promotion — For majors in all disciplines except health sciences - food and nutrition emphasis. See Department of Health Promotion and Physical Education (p. 336).

Occupational Science — For majors in all disciplines except occupational therapy. See Department of Occupational Therapy (p. 354).

Outdoor Pursuits — For majors in all disciplines except outdoor adventure leadership and therapeutic recreation. See Department of Recreation and Leisure Studies (p. 365).

Recreation — For majors in all disciplines except outdoor adventure leadership and therapeutic recreation. See Department of Recreation and Leisure Studies (p. 365).

Sport and Exercise Psychology — For majors in all disciplines. See Department of Exercise Science and Athletic Training (p. 322).

Concentrations

- **Clinical Exercise & Wellness** - Open only to exercise science majors
- **Strength & Conditioning** - Open only to exercise science majors
- **Sport Science** - Open only to exercise science majors
- **Medical Science** - Open only to exercise science majors

See Department of Exercise Science and Athletic Training (p. 322).

Requests for the minors and concentrations listed should be made through IC Workflow. Students who have majors in the school and are interested in completing any of these programs should work closely with their adviser and department chair to ensure timely graduation. Students

considering a minor or concentration must abide by College policies and regulations for these programs. Students may only select ONE minor in the Department of Health Promotion and Physical Education. Departments reserve the right to limit enrollment in minors.

In accordance with College regulations that relate specifically to minors, all departments in HSHP have determined that a course that is a requirement in a student's major and also a requirement in one of the above minors may count for credit to meet the requirements of both the major and the minor. However, departments do have the right to place limitations on how much overlap between major and minor coursework is permissible. Students should work with their faculty adviser or minor adviser to determine which courses can be counted as both major and minor courses.

Teacher education students in any major may also apply for coaching certification.

Integrative Core Curriculum

The Integrative Core Curriculum (ICC) is Ithaca College's liberal education program, which contributes, along with students' curricular experiences in the major, elective offerings, and out-of-class experiences, to achieving the College's expectation that Ithaca College graduates should become integrative thinkers, critical and analytical problem solvers, and reflective learners. To achieve these expectations, students completing the ICC will:

1. Address a topic, issue, problem area, or human challenge using a combination of concepts, theories, and/or methods from multiple perspectives or fields of study;
2. Apply concepts, theories, methods, or skills to analyze new questions or complex problems; and
3. Engage in and communicate self-reflection about their learning in the Integrative Core Curriculum, their chosen major discipline, and their overall Ithaca College experience.

Requirements of the ICC

Code	Title	Credits
	Ithaca Seminar	4
	Themes and Perspective Courses	12
	Creative Arts (CA)	
	Humanities (HM)	
	Natural Sciences (NS)	
	Social Sciences (SO)	
	Complimentary Liberal Arts ¹	12
	Additional Requirements	12
	WRTG 10600 Academic Writing I (or ICSM 10800 or ICSM 11800)	
	Writing Intensive (WI)	
	Diversity (DV)	
	Quantitative Literacy (QL) ²	
	ICC Capstone (CP)	0-3
	E-Portfolio completion	
	Total Credits	40

¹ Please check individual majors/programs for their specific CLA requirements.

² Some QL courses may require a certain math placement score as a prerequisite.

Dean's List

At the end of each semester, students who show outstanding academic achievement are placed on the dean's list. To be included on the dean's list in HSHP, a student must meet all of the following criteria:

1. earn a minimum grade point average of 3.70,
2. complete a minimum of 15 credits, of which at least 12 are graded (not pass/fail or Satisfactory/D/F option), and
3. have no final grades of D, F, or I (incomplete).

HSHP Undergraduate Course Grade Appeal Policy

HSHP follows the general Ithaca College policy on grade disputes and students' right to petition, described in the "Academic Information (p. 721)" section of this catalog. See Credit and Grade Information and Academic Affairs Information.

Each student assumes responsibility for presenting all the facts and circumstances concerning a grade appeal. For the procedures for an HSHP undergraduate course grade appeal, see the policy on the "For Current Students (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/current-students/grade-appeal/>)" section of the school's website.

Academic Status Policy

The general academic status policy of HSHP follows the College guidelines for warning, suspension, and dismissal, set out in the "Academic Affairs Information (p. 724)" section of this catalog.

To meet minimum College academic standards, a student must maintain at least a 2.00 cumulative GPA and pass at least 24 credits of coursework in any consecutive 12-month period. Students enrolled full-time must also complete 12 credit hours in a semester. This policy applies to all students in the school, in addition to other standards specifically established by individual programs, except that the requirement of 24 credits with a passing grade in a consecutive 12-month period does not apply to part-time students. Special academic status policies exist for most majors in HSHP.

Academic Warning

A student who fails to meet any of the minimum GPA and credit-hour standards stated above and who is not suspended or dismissed will be placed on academic warning. Any student returning to the College after suspension or dismissal for academic reasons will also have this warning status for the first semester of reinstatement.

A student on warning must earn removal from this status by meeting all of the minimum requirements at the end of the following semester. Where a grade deficiency exists, the student must attain a semester GPA sufficiently above the 2.00 standard to result in a cumulative GPA of at least 2.00 by the end of the following semester.

Suspension and Dismissal

Failure to meet the standards necessary for removal from warning after one semester will render the student subject to suspension or dismissal from both HSHP and Ithaca College.

After an official warning, a student may be dismissed from a degree program for failure to make satisfactory progress toward degree completion. Such a student may be admitted to another degree program

in the school or College and will have one semester in which to become enrolled in another major or be subject to suspension from the College.

A student will be suspended (rather than dismissed) only when it appears reasonably likely that previous weaknesses will be remedied and minimum requirements will be attained through the student's successful completion of prescribed remedial measures during suspension. A suspended student is eligible to resume academic work in the school only at the time and under the conditions specified in their letter of suspension.

A student who is dismissed by HSHP will not be readmitted to one of the school's programs under any circumstances.

Attendance Policy

The College's policy regarding attendance applies to students' class absences in HSHP. Professors, however, have discretion in interpreting and implementing this policy. Students who wish to participate in extracurricular or cocurricular activities that may necessitate absence from class should discuss the possibility of absences with their instructor at the beginning of the semester. The course syllabus should be consulted for the attendance policy of a particular class. Students should be certain that they fully understand each instructor's position on absence from classes. For more information see the College's attendance policy in the "Academic Information" section of this catalog. See the "Registration and Course Information (p. 735)" section of this catalog.

Transfer into the School of Health Sciences and Human Performance

Both internal and external transfer applicants are selectively admitted into HSHP. All students intending to transfer should first contact the department in which their intended major is offered. Those transferring from another Ithaca College department must meet with the appropriate HSHP department chair or designee. Students from other institutions are encouraged to call ahead to arrange for a similar meeting when they visit the College. Satisfactory academic performance is the major requirement for acceptance. On request, a list of courses recommended for potential transfer students is available from the chair of each department or the transfer coordinator for the Department of Physical Therapy.

General Requirements for Internal and External Transfer

The following requirements must be met by students transferring from within Ithaca College. Students transferring from other institutions must satisfy these requirements in addition to the requirements for admission to Ithaca College.

1. The professional requirements in most programs in HSHP demand a precise sequencing of courses. For this reason, early transfer into a program is encouraged. A late transfer may require a student to attend summer sessions or defer graduation. Ithaca College students who wish to transfer into any particular department may complete a change of major/concentration form on IC Workflow. Submitting a change of major/concentration form does not guarantee admission into a degree program.
2. To be admitted to a degree program in HSHP, it is generally required that the student have a cumulative GPA of at least 2.00 and have completed at least 24 credit hours in the preceding 12 months. However, most degree programs are much more

competitive than this and may have other requirements that students must meet, aside from GPA, to be considered for admission.

Specific Departmental Transfer Requirements

Specific departmental transfer requirements for the following programs exceed the general requirements.

Pre-Athletic training: For the pre-athletic training major, a minimum GPA of 3.00 overall, and a 3.00 GPA in the specific requirements of the major is required. Additionally, selected courses need to be completed by that time, with no grade below C- in any of those courses. Transfer into pre-athletic training is limited to available openings and is highly competitive.

Health promotion and physical education: Admission to the following majors requires a cumulative GPA of at least 2.50: health education¹, health education and physical education¹, and physical education¹. Additionally, these majors require a 2.75 average in required EDUC, PHED and HLTH core courses specified in applicable special academic status policies, with no grade below C in any of these courses.

Occupational therapy: Internal and external transfer applicants are considered for entry after the first semester of the first year and as late as the end of the second semester of the sophomore year when space permits. Applicants seeking transfer into the occupational science/occupational therapy (OT) program should have a 3.0 minimum GPA and grades of C or better in all required prerequisite courses, including biology and chemistry. They should have completed a total of 57 credits applicable to the occupational science degree or be in a position to do so by the end of the fourth semester. Early transfer is encouraged. Students transferring at the end of the sophomore year must have completed all coursework and be eligible to register for the required junior-level courses outlined in the program curriculum guidelines. Students interested in transferring into the department are encouraged to contact the department for an advising appointment as early as possible to receive a list of specific prerequisite courses and assistance in academic planning. Students interested in transferring should refer to the transfer application process outlined at "Transfer Opportunities (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/occupational-therapy/transfer-opportunities/>)". Transfer into the occupational therapy program is limited to available openings.

Physical therapy: Internal transfer applicants are considered for entry after the first semester of the first year and as late as the end of the second semester of the junior year when space permits. Applicants seeking to transfer into the clinical health studies/physical therapy program (D.P.T.) should have a minimum cumulative GPA of 3.00 and a 3.00 or better in natural science coursework. If student is being considered for entry into the program during the junior year, student must achieve a minimum cumulative GPA of 3.2 or better by the end of the spring semester. Students must be in a position to complete all specified prerequisites by the end of the sixth semester. Applicants must also be in a position to complete all Integrative Core Curriculum (ICC) requirements and a minor before entering the professional phase of the program. Specific information on transfer admission requirements — including requirements relating to nonnative speakers, letters of recommendation, and clinical experience — is available from the Office of Admission or the physical therapy department website (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/physical-therapy/transfer-opportunities/>).

Recreation and leisure studies:¹ Applicants seeking transfer into this department should have at least a 2.00 cumulative GPA and no grade below C- in any course offered by the department. Acceptance to department programs is also based on a composite of other factors, including interest, proficiency, practical experience, and leadership potential in the leisure, recreation, and park profession. Internal and external transfer applicants are considered for entry as late as the end of the second semester of the sophomore year. Earlier transfer is encouraged to facilitate timely graduation. Exceptions to this policy may be granted at the discretion of the chair.

Speech-language pathology and audiology: Students who are currently enrolled at Ithaca College are welcome to transfer into the speech-language pathology major. It is recommended, but not required, that students transfer prior to beginning the sophomore year. Transferring after the second semester of the first year may extend the student's program of study by at least one year. Requirements for transfer into this department include a minimum cumulative GPA of 2.50 and no grade below C- in any speech-language pathology and audiology course completed. In addition, students must meet all college and departmental requirements for satisfactory academic standing.

Transfer Credit for Occasional Study at Another Institution

HSHP students may take courses at another accredited college or university for transfer credit, provided prior written permission for the credit has been obtained. Petition forms for transfer credit are available on IC Workflow and must be fully completed, submitted, and approved to secure such credit. For regulations on transfer credit, see the "Credit and Grade Information (p. 722)" section of this catalog.

Students who consider taking courses elsewhere should be aware that their last 30 credits must be taken at Ithaca College. This requirement is waived only in very special circumstances. For regulations concerning the petition for waiver of the senior credit requirement, see the "Graduation and Program Regulations (p. 727)" section.

Additional Costs

The curricula of most degree programs in the school involve expenses not covered by tuition for the academic year. These may include the cost of summer tuition, liability insurance, books, off-campus housing, transportation, and equipment. At a minimum, such costs apply to summer internships or placements and clinical education as follows:

- Athletic training majors must pay for malpractice liability insurance as sophomores, juniors, and seniors, as must some interns in the clinical exercise and wellness, and strength and conditioning concentrations.
- Exercise science students are responsible for transportation, housing, and all other costs associated with their fieldwork and internship placements. Depending on the scope and nature of the placement, some students must also pay for malpractice liability insurance.
- Clinical health studies/physical therapy (D.P.T.) majors must pay tuition and other expenses associated with 7 credits of coursework during the summer prior to the senior (fourth) year. They must pay additional tuition for 4 credits of clinical affiliation during the summer following graduate year 1 and 6 credits of clinical affiliation during the summer at the end of the

final year, in addition to other associated costs for each clinical affiliation (room, board, transportation, and liability insurance).

- Heath care management majors must pay tuition, room, board, and other expenses associated with the internship credits if they are taken over the summer following the junior year.
- Health education and physical education¹ students must pay room, board, and other expenses associated with student teaching placements.
- Health sciences and public and community health students must pay room, board, and other expenses associated with fieldwork and internships.
- Occupational science/occupational therapy majors must pay tuition for 5 credits of coursework, room, board, and other expenses during the summer following the junior (third) year. Occupational therapy majors must pay additional tuition for 6 credits of fieldwork during the summer before and 10 credits of fieldwork following coursework in the graduate year, and they are responsible for associated room, board, book, transportation, liability insurance, and other expenses. They are also responsible for the cost of transportation and liability insurance during practicums in their last two undergraduate years and during their graduate study and fieldwork.
- Speech-language pathology and audiology majors are responsible for the cost of malpractice liability insurance, transportation costs associated with off campus clinical placements, a one-time fee for registering for clinical hours database software, and a subscription to clinical simulation software.
- Outdoor adventure leadership¹ and therapeutic recreation¹ majors are responsible for the cost of liability insurance when enrolled in fieldwork and internship courses. Outdoor adventure leadership majors are responsible for purchasing their personal outdoor gear. Occasionally, students are charged an additional one-time fee to cover course expenses related to equipment, facility rental, certification fees, or travel.

¹ Please note that students are no longer being accepted into this major as of the fall 2021 semester.

For more information see “Expenses” in the “Financial Aid (p. 707)” section.

Department of Exercise Science and Athletic Training

Chris Hummel, Clinical Professor and Chairperson

Deborah King, Professor and Graduate Program Chairperson

To prepare students to address society's growing concerns about wellness, fitness, injury prevention, and rehabilitation, the Department of Exercise Science and Athletic Training offers two exercise science majors: athletic training and exercise science. The athletic training major prepares students for a career as an athletic trainer as well as for graduate and professional schools. The exercise science major, in turn, offers four concentrations: clinical exercise and wellness, strength and conditioning, sport sciences, and medical sciences. Through concentration specific courses, fieldworks, internships, and research experiences, a B.S. in exercise science prepares graduates for careers as exercise specialists for youth, adult, geriatric, and diseased populations, including diabetes and cancer management;

exercise technicians; cardiac rehabilitation specialists in hospitals and clinics; strength and conditioning coaches at high schools, colleges, universities, and private training facilities; personal trainers; corporate wellness specialists; and community fitness and education leaders. Graduates also work as business owners, communication specialists, and educators. Additionally, the major prepares students for entry into various professional programs (DC, MD, NP, OD, PA, OT, and PT) and for graduate training in biomechanics, ergonomics, exercise physiology, prosthetics, and sport psychology.

With careful planning, a qualified student may complete a Master of Science degree with a fifth year of study in the department. Questions about the five-year M.S. degree plan of study should be directed to the graduate chair, department chair, or adviser.

Majors & Minors

- Exercise Science Major, Clinical Exercise & Wellness Concentration — B.S. (p. 330)
- Exercise Science Major, Medical Sciences Concentration — B.S. (p. 331)
- Exercise Science Major, Sport Sciences Concentration — B.S. (p. 332)
- Exercise Science Major, Strength & Conditioning Concentration — B.S. (p. 333)
- Exercise Science Pre-Athletic Training — B.S. (p. 334)
- Exercise Science Minor (p. 335)
- Sport and Exercise Psychology Minor (p. 336)

ATEG 50100 Biomedical Foundations of Clinical Science in Athletic Training (NLA)

An evidence-based approach to human tissue injury including normal anatomy & physiology, healing and degenerative processes, acute and chronic injury, exercise and movement, and implications for rehabilitation & restoration. Understanding of the relationships among connective tissues specific to sports injuries, issues of aging, and special populations. Examination of principles essential to clinical assessment strategies including diagnostic imaging, as well as intervention for the rehabilitation and prevention of orthopedic injury and dysfunction. Prerequisites: EXSS 32100; EXSS 41100; EXSS 41200. (F) 3 Credits

ATEG 50200 Acute Care and Emergency Management in Athletic Training (NLA)

Gain an understanding of acute care and emergency situations. Examine the epidemiology and etiology of emergent injuries and illnesses. Learn how to evaluate patients with various conditions such as sudden cardiac arrest, concussion, cervical spine injury, heat illness, and other athletic related trauma. Understand and implement standard of care practices. Develop and apply intervention skills to properly prevent and treat these conditions within a hands-on lab-based setting. Prerequisites: EXSS 41100; EXSS 41200. (F) 4 Credits

ATEG 50300 Clinical Pathoanatomy (NLA)

Advanced human anatomy course emphasizing musculoskeletal structure, function, and injury by extending and deepening prior knowledge using human cadaveric laboratory instruction. In-depth examination of common sports and activity-based injuries will be integrated. Students are expected to apply and implement anatomy, biomechanics, and clinical reasoning to common sports-related injuries. Prerequisites: EXSS 22000; EXSS 32100. (F)
3 Credits

ATEG 50400 Professional Practice in Athletic Training (NLA)

Exploration of the athletic training professional practice. Orientation and implementation of athletic training policies and procedures. Acquire and demonstrate standard documentation procedures, including electronic medical records. Understand and utilize effective healthcare related communication. Skill development and application of taping and wrapping skills. Prerequisites: EXSS 41200. (F)
2 Credits

ATEG 50500 Practicum in Athletic Training I (NLA)

Supervised practical experience in a clinical setting focused on the application of clinical skills acquired in previous and current coursework. Clinical milestones include execution of competencies relative to patient management, acute and emergency care, injury prevention, documentation, and professional behaviors. Prerequisites: EXSS 41200. (F)
3 Credits

ATEG 50600 Assessment of Musculoskeletal Conditions and Injuries (NLA)

In-depth analysis of complete assessment theories, procedures, principles and skills related to the evaluation of upper extremity, spine and lower extremity orthopedic injuries and conditions. Emphasis is placed on clinical reasoning, evidence-informed practice, and the anatomical basis and mechanisms of athletic injuries and conditions common in active populations and athletics. Skill instruction and lab-based practice included to develop essential practical skills germane to orthopedic assessment. Prerequisites: ATEG 50100. (S)
4 Credits

ATEG 50700 Clinical Principles of Medical Science (NLA)

Examine the etiology, pathology, process, diagnosis and treatment of diseases of the human body. Emphasis is placed on the immune, cardiovascular, pulmonary, gastrointestinal, endocrine, renal, urogenital, dermatological systems and their associated disorders and conditions. Analysis of pharmacological interventions and their application will be discussed. Lab activities will enhance clinical skills for assessment of common medical conditions. Prerequisites: ATEG 50100; ATEG 50200. (S)
4 Credits

ATEG 50800 Therapeutic Interventions in Athletic Training I (NLA)

Through integrated didactic and laboratory instruction and practice, students will acquire evidence-based theories and techniques for therapeutic interventions commonly utilized during the "Preparation for Healing" phase in the management of acute and chronic injuries and conditions in active populations and sport. Prerequisites: ATEG 50100. (S)
4 Credits

ATEG 51000 Practicum in Athletic Training II (NLA)

Supervised practical experience in a clinical setting focused on the application of clinical skills acquired in previous and current coursework. Clinical milestones include execution of competencies relative to assessment of musculoskeletal injuries, recognition and care of general medical conditions, selection and application of therapeutic interventions, documentation, and professional behaviors. Prerequisites: ATEG 50500. (S)
3 Credits

ATEG 51100 Clinical Research in Athletic Training I (NLA)

This first of a 3-semester clinical research sequence prepares students to be clinician-scientists by addressing key elements of clinical research in athletic training. Students will initiate a clinical research project. Prerequisites: EXSS 41100. (U)
2 Credits

ATEG 51500 Clinical Capabilities in Athletic Training (NLA)

Examine various aspects of clinical practice common in active and athletic populations including pharmacology, dermatology, and diagnostic imaging. Identify commonly used medications and differentiate various categories of pharmaceuticals used in athletic training. Explore and gain an understanding of diagnostic imaging techniques and laboratory testing. Describe and identify common dermatological conditions and treatment paradigms. Prerequisites: ATEG 51000. (U)
2 Credits

ATEG 60400 Foundations of Health Care Delivery and Administration (NLA)

Addresses the organization and administration of health care delivery systems specific to athletic training. Emphasis on continual quality improvement, patient and clinical outcomes, payor systems and reimbursement, legal aspects, and operational management. Prerequisites: ATEG 50400. (S)
3 Credits

ATEG 60500 Practicum in Athletic Training III (NLA)

Supervised practical experience in a clinical setting focused on the application of clinical skills acquired in previous and current coursework. Clinical milestones include execution of advanced competencies relative to clinical care and selection and application of therapeutic interventions, demonstration of evidence based practice, documentation, and professional behaviors. Prerequisites: ATEG 51000. (F)
3 Credits

ATEG 60700 Medical and Health Aspects of Athletic Training Practice (NLA)

Develop and apply clinical skills related to special populations, and the multidimensional aspects of health, wellness, and sport performance. Prerequisites: ATEG 50700. (S)
2 Credits

ATEG 60800 Therapeutic Interventions in Athletic Training II (NLA)

Acquisition and application of essential theories, skills, and practices for the restoration of function and return to participation will be presented. Evidence-based theories, principles and techniques will be utilized to develop, maintain and/or improve components of functional performance. Emphasis will be placed upon therapeutic reasoning related to the dynamics of skill acquisition and rehabilitation of athletic injuries and conditions. Skill instruction and lab-based practice will be included to develop essential practical skills germane to therapeutic interventions for restoring functional performance and participation in physical activity. Prerequisites: ATEG 50800. (F)
4 Credits

ATEG 61000 Practicum in Athletic Training IV (NLA)

Supervised practical experience in a clinical setting focused on the application of clinical skills acquired in previous and current coursework. Students will demonstrate increased autonomy and clinical capability across all domains of professional practice, demonstrating professional behaviors and communication. Includes 4 week, full time clinical immersion rotation either on or off campus. Prerequisites: ATEG 60500. (S)

5 Credits

ATEG 61100 Clinical Research in Athletic Training II (NLA)

This second course of a 3-semester clinical research sequence prepares students to be clinician-scientists by addressing key elements of clinical research in athletic training. Students will continue work on a clinical research projects. Prerequisites: ATEG 51100. (F)

2 Credits

ATEG 61200 Clinical Research in Athletic Training III (NLA)

This final course of a 3-semester clinical research sequence prepares students to be clinician-scientists by addressing key elements of clinical research in athletic training. Students will complete work on a clinical research project. Prerequisites: ATEG 61100. (S)

2 Credits

ATEG 61500 Advanced Clinical Capabilities in Athletic Training (NLA)

Apply evidence-based theory and develop techniques concerning the assessment and treatment of the spine and peripheral joints. Formulate and design rehabilitation interventions for athletes and active populations. Prerequisites: ATEG 60500. (S)

2 Credits

EXSS 12000 Anatomy and Physiology I (LA)

Develops a comprehensive understanding of the close interrelationship between anatomy and physiology as seen in the human organism. Covers the cells and tissues: epithelial, connective, muscle, and nerve. (FY)

Attributes: NS

4 Credits

EXSS 12100 Anatomy and Physiology II (LA)

Continuation of EXSS 12000. Covers the circulatory, endocrine, ventilatory, renal, digestive, and reproductive systems. Also reviews the muscular system from both a functional and a structural perspective.

Prerequisites: EXSS 12000. (S,Y)

Attributes: NS

4 Credits

EXSS 12400 Emergency Care for the Health Professional (NLA)

This course is designed to certify students in CPR/AED for the Professional Rescuer. Emphasis will be placed upon technique and execution of required skills. Basics of emergency injury care/first aid will be covered. Time for practice of common techniques will be included so that the students may develop and apply practical skill competencies. (F-S,B,IRR)

1 Credit

EXSS 12500 Foundations of Human Performance and Wellness (NLA)

This course provides students with an introduction to areas of exercise science focused on enhancing human performance and wellness. Details of some applied fields within Exercise Science (e.g. clinical exercise physiology, health & wellness, strength & conditioning) and how they impact human performance are emphasized. The range of human performances, from sports to prevention of disease and rehabilitation are discussed. Students will gain insight into career opportunities within exercise science aimed at enhancing human performance & wellness.

Lecture and practical learning experiences will introduce students to skills needed to be a competent exercise instructor and leader. (S,Y)

2 Credits

EXSS 12600 Origins and Literacy of Medical Science (NLA)

Understand how science, research, and healthcare are interrelated, and how humans incorporate a systematic process to explain and predict clinical phenomena. Explore how we have come to rely on science in clinical practice, identify common potential misconceptions, and deepen the understanding of the scientific words we use. (S)

2 Credits

EXSS 17300 Fieldwork in Exercise Science I (NLA)

Practical observational experience in private, university, professional, hospital, corporate, clinical, or a community setting where exercise is used as the primary modality to enhance physical performance. The objective is to observe closely the daily operations and special functions implemented in these settings and the practice of using exercise to improve physical capacity. Prerequisites: Application and permission of exercise science coordinator. (Sum,Y)

1 Credit

EXSS 20200 Sport and Exercise Psychology (LA)

Introduction to the psychological factors that influence individual and group sport and exercise participation. Psychological skills training (PST) techniques used to enhance sport and exercise performance are presented. Topics include exercise and rehabilitation adherence, management of eating disorders and substance abuse, burnout and overtraining, self-confidence, goal setting, anxiety and stress management, concentration and attention control, imagery and visualization, group cohesion, sport and exercise leadership, motivation, and communication. Prerequisites: Sophomore standing. (F-S,Y)

Attributes: 1, SS

3 Credits

EXSS 22000 Kinesiology (LA)

Examines the anatomical structures and mechanical aspects of human movement. Emphasis is placed on the functional anatomy of the musculoskeletal and articular systems. Pathologies of upper and lower extremities and trunk are examined for contributions to abnormal patterns of posture, movement, and locomotion. Basic neuromuscular and biomechanical principles are introduced. Laboratory exercises concentrate on the role of muscle and joint action during basic movements and the adaptations that can result from pathologic conditions. The focus is on individual joint function and the integrated function of several joints during complex activities such as normal human locomotion. Corequisites: EXSS 12100. (F-S,Y)

Attributes: NS

4 Credits

EXSS 24600 Prevention and Care of Athletic Injuries (NLA)

Introduction to basic concepts in athletic training, with emphasis on anatomical bases and mechanisms of common athletic injuries. Basics of injury prevention, recognition, and initial care are covered. Prerequisites: EXSS 12000. (F-S,Y)

3 Credits

EXSS 24800 Acute Care and Emergency Management in Athletic Training (NLA)

An introduction to acute care and emergency situations. Topics include emergency assessment, sudden cardiac death, concussion, cervical spine injury, heat illness, and other athletic related trauma and certification in CPR/AED for the Professional Rescuer. Emphasis will be placed upon technique and execution of required skills. Prerequisites: EXSS 24600. (F,Y).

3 Credits

EXSS 25000 Athletic Training Techniques I (NLA)

Lecture-laboratory course to develop and refine taping and wrapping skills along with basic emergency and therapy techniques. Prerequisites: EXSS 12000; Co-requisites: EXSS 24600; athletic training majors only. (S,Y)

1 Credit

EXSS 25100 Athletic Training Techniques II (NLA)

Lecture-laboratory course to develop and refine comprehensive orthopedic evaluation skills specific to the assessment and evaluation of athletic injuries of the lower extremity and lumbar spine. Prerequisites: EXSS 24600; EXSS 25000. Corequisites: EXSS 25600. (F,Y)

1 Credit

EXSS 25200 Athletic Training Techniques III (NLA)

Lecture-laboratory course to develop and refine comprehensive orthopedic evaluation skills specific to the assessment and evaluation of athletic injuries of the upper extremity and cervical spine. Prerequisites: EXSS 25100, EXSS 25600. Co-requisites: EXSS 25700. (S,Y)

1 Credit

EXSS 25500 Introduction to Evidence Based Medicine and Clinical Reasoning (NLA)

Introduction to the central tenets and practices of evidence based medicine and clinical reasoning. Emphasis on the effective search for, and use of research and evidence that represent best practices relating to the evaluation and treatment of injuries and conditions in active populations in order to promote favorable patient outcomes, and upon the understanding and development of sound clinical reasoning skills specific to diagnostic decision making and patient care. Prerequisites: EXSS 24600. Co-requisites: EXSS 25600. (F,Y)

1 Credit

EXSS 25600 Athletic Injury Assessment I (NLA)

In-depth analysis of complete assessment theories, procedures, principles and skills related to the evaluation of orthopedic injuries and conditions. Emphasis is placed on anatomical bases and mechanisms of athletic injuries to the lower extremities and the lumbar spine. Time for practice is included so that students may develop essential practical skills. Prerequisites: EXSS 24600; Co-Requisites: EXSS 25100. (F,Y)

3 Credits

EXSS 25700 Athletic Injury Assessment II (NLA)

In-depth analysis of complete assessment theories, procedures, principles and skills related to the evaluation of orthopedic injuries and conditions. Emphasis is placed on anatomical bases and mechanisms of athletic injuries to the upper extremities and cervical spine. Time for practice is included so that students may develop essential practical skills. Prerequisites: EXSS 25600; Co-Requisites: EXSS 25200. (S,Y)

3 Credits

EXSS 26200 Personal Training (NLA)

Develop rationale and theory for the development of health-related fitness programs for the adult fitness participant. Understand how to conduct preparticipation health screening through client consultation. Learn how to develop exercise programs from a client's needs analysis. Understand the necessary skills required of the personal trainer and how to develop good client rapport and effective exercise leadership. Develop an understanding of programming for unique populations (i.e. – older adult, obese, etc.). The class format includes lecture and discussion. Material is geared toward meeting learning objectives for personal training certification. Prerequisite: EXSS 12100. (F,Y)

3 Credits

EXSS 26300 Exercise Techniques (NLA)

Provides each student with both classroom and practical learning experience designed to develop the skills needed to be a competent exercise instructor - leader. The course allows students to put into practice their knowledge of exercise from their previous coursework in biomechanics, exercise physiology, and conditioning for performance and health. Students will be involved in group-centered instruction, field observation, laboratory experiences and skill execution practicals. Prerequisites: EXSS 26200. (F-S, Y)

2 Credits

EXSS 26400 Strength and Conditioning Foundations (NLA)

This course examines the building blocks necessary to design, implement, and test a sport specific training program. Assessment tools will be examined and how their results are used to develop training programs for the athlete will be discussed. Determination of training needs through individualized, sport specific needs analyses and performance goal setting is emphasized. Short and long term benefits of training programs and the application of training cycles are discussed. The course develops the theoretical framework for the practice-based application classes that follow. The course helps prepare the student for a national certification exam. Prerequisites: EXSS 12100, EXSS 12500. (F)

3 Credits

EXSS 26500 Practicum in Strength and Conditioning I (NLA)

A practice-based course emphasizing steps involved in conducting sports specific needs analyses. Students' abilities to implement testing protocols to evaluate athlete condition on health and skill-related components of fitness is enhanced. Statistical analysis is employed to identify athlete strengths and weaknesses. Athletic profiles are devised to identify objective program directions. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 12100, EXSS 12500. (F,Y)

1 Credit

EXSS 27200 Practicum in Clinical Exercise and Wellness I (NLA)

A practice-based course emphasizing fitness assessment and prescription of exercise programming for healthy populations. Develop and lead clients through programs to enhance physical fitness. Emphasis on developing strength and flexibility. Learning occurs in full-functioning Wellness Clinic and laboratory settings. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 26200. Only open to students in Clinical Exercise & Wellness concentration. (F-S,Y)

1 Credit

EXSS 27300 Community Service in Exercise and Sport Sciences (NLA)

Volunteer work in the community. This experience emphasizes donating time to promote community well-being, using skills developed in exercise and sport sciences programs. Examples include working at health fairs, checking blood pressure, measuring body composition, and determining blood lipid profiles. Pass/fail only. Prerequisites: EXSS 26200; permission of the instructor. (F-S,Y)

1 Credit

EXSS 29400 Clinical Experience in Athletic Training I (NLA)

Supervised practical experience in an athletic training setting at Ithaca College. A minimum of 60 clock-hours is required; students apply basic clinical skills taught in previous coursework. Clinical proficiencies emphasized include basic emergency care, protective taping and wrapping, injury evaluation, and basic therapy techniques. Prerequisites: EXSS 24600, EXSS 25000. (F,Y)

0.5 Credit

EXSS 30000 Clinical Experience in Athletic Training II (NLA)

Supervised practical experience in an athletic training setting at Ithaca College. A minimum of 30 clock-hours is required; students apply basic clinical skills taught in previous coursework. Clinical proficiencies emphasized include acute and emergency care, and orthopedic assessment of the lower extremity and lumbar spine. Prerequisites: EXSS 24800, EXSS 25100, EXSS 25600. (S,Y)

0.5 Credit

EXSS 30100 Clinical Experience in Athletic Training III (NLA)

Supervised practical experience in an athletic training setting at Ithaca College or an affiliated site. A minimum of 60 clock-hours is required. Clinical proficiencies emphasized include orthopedic assessment of the upper extremity and cervical spine. Prerequisites: EXSS 25700, EXSS 25200, EXSS 30000. (F,Y)

1 Credit

EXSS 30200 Psychology of Injury in Sport and Exercise (NLA)

Designed to provide an in-depth study of the psychological causes and consequences of sport and exercise related injuries. This course will examine issues associated with onset, treatment and rehabilitation of sport injury and the mental training strategies commonly used for injury rehabilitation. Topics include motivation, adherence, return to play, mental health concerns, interview, and assessment. Prerequisites: EXSS 20200; Junior standing, (S, Y)

3 Credits

EXSS 30500 Techniques & Treatment of the Spine in Athletic Training (NLA)

Explores evaluation and treatment techniques for spinal injuries sustained in athletics. Emphasis on understanding a treatment classification system for spinal injuries and application of appropriate treatment, advanced manual therapy techniques and rehabilitation concepts. Pass/Fail only. Prerequisites: EXSS 25700. (S,Y).

2 Credits

EXSS 30600 Biomechanical Principles of Human Movement (LA)

Biomechanics of human movement provides an in-depth exploration of the biomechanics of human motion. Concepts and skills used to perform and interpret biomechanical analyses of human movement including anthropometry, kinematic analysis, and joint kinetics are covered. Biomechanics of fundamental movement skills including running, jumping/landing and lifting are examined in lecture and during hands on laboratory experiences. Prerequisites: PHYS 10100 or PHYS 11700, and EXSS 22000. (F,S,Y)

Attributes: 1, NS

4 Credits

EXSS 31100 Biopsychosocial Foundations of Clinical Practice (NLA)

Understanding of human health and illness from a personal context. Identify biological, psychological, and social factors and their complex interactions in order to better understand and formulate more effective approaches to health, illness, and health care delivery. Application of the biopsychosocial model to healthcare studies and clinical practice. Prerequisites: PSYC 10300; EXSS 24600. (F)

Attributes: DV

3 Credits

EXSS 31200 Pre Healthcare Clinical Practicum I (NLA)

Explore the athletic training profession, domains of practice, and interprofessional practice within supervised clinical observations. Examine the education, regulation and governance of athletic training. Gain an understanding of the clinical expectations, operations and responsibilities of athletic trainers. Examine the biopsychosocial model within the athletic training clinical setting. A minimum of 30 experiential hours required. Prerequisites: EXSS 24600. (F)

1 Credit

EXSS 32000 Neuromuscular Control (LA)

Study of sensorimotor and musculoskeletal systems involved in producing coordinated and purposeful movements. Injury, training, practice, learning, and other cognitive-emotional processes are examined as they affect the neuromuscular control of finely coordinated skills and vigorous physical performance. Emphasis is placed on understanding the relevant neurophysiological mechanisms of movement and how training and practice can be used to maximize performance, wellness, and rehabilitation ease. Exploration of theories of motor learning and control, from the general motor program to the dynamic system theory. Prerequisites: EXSS 22000 or PTBS 31300; junior standing. (F-S,Y)

Attributes: NS

3 Credits

EXSS 32100 Exercise Physiology (LA)

Examines physiological changes during exercise, after exercise, and during a training period. Also considers efficiency, needs, and limitations of body systems, and their interrelationships. Lecture, demonstration, and laboratory. Prerequisites: EXSS 12100; junior standing. (F-S,Y)

4 Credits

EXSS 32200 Lab Techniques: Biomechanics and Neurophysiology Assessment (NLA)

Focuses on evaluating human movement for both sports performance and functional activity assessment. Topics covered are assessment and reporting procedures, use of standard equipment in biomechanics neuromuscular control, and issues of reliability and validity. Specific procedures include assessment of athletes and patients related to sport performance and physical function via videography, forceplates, dynamometry, posturography, balance, reaction time, and skill specific tests. Emphasis is placed on communicating results to coaches, athletes, scientists, and practitioners. Attention to validity, selection, and implementation of assessment protocols in addition to interpreting and communicating results is emphasized throughout the course. Pre- or co-requisites: EXSS 32000 and EXSS 30600. (F-S,Y)

2 Credits

EXSS 34000 Therapeutic Interventions in Athletic Training I (NLA)

Contemporary therapeutic modalities used in managing athletic injuries. Modalities covered are classified as thermal agents, electrical agents, or mechanical agents. Emphasis is placed on their physiological effects, therapeutic indications and contraindications, and clinical application. Prerequisites: EXSS 25700. Co-requisites: EXSS 35100. (F,Y)

3 Credits

EXSS 34200 Therapeutic Interventions in Athletic Training II (NLA)

Basic principles of therapeutic exercise to develop, maintain, and/or improve components of physical fitness. Emphasis is placed on these principles as well as on specific exercise programs for rehabilitation of major athletic injuries. Prerequisites: EXSS 34000. Co-requisites: EXSS 35100. (S,Y)
3 Credits

EXSS 34900 Fieldwork in Exercise and Sport Sciences (NLA)

Practical experience in corporate or clinical settings, amateur and professional sport agencies, and community organizations. Focus is on observation, guided learning, and supervised practical experiences. Prerequisites: Exercise and sport sciences major or minor; junior standing or above; permission of department chair. (F-S,Y)
1-6 Credits

EXSS 35100 Athletic Training Techniques IV (NLA)

Lecture-laboratory course to develop and refine essential skills related to various therapeutic interventions with emphasis on therapeutic modalities in athletic training. Prerequisites: EXSS 25700, EXSS 25200. Corequisites: EXSS 34000. (F,Y)
1 Credit

EXSS 35200 Athletic Training Techniques V (NLA)

Lecture-laboratory course to develop and refine essential skills related to therapeutic interventions with emphasis placed in rehabilitation and exercise in athletic training. Prerequisites: EXSS 34000, EXSS 35100. Corequisites: EXSS 34200. (S,Y)
1 Credit

EXSS 36000 Medical Science (NLA)

An in-depth study of the etiology, process, treatment, and pharmacology of diseases of the human body according to the body systems. Emphasis is placed on infectious, cardiovascular, pulmonary, gastrointestinal, endocrine, and urogenital disorders. Prerequisites: EXSS 12000, EXSS 12100, junior standing. (S,Y)
3 Credits

EXSS 36400 Complementary and Alternative Therapies (LA)

Survey of complementary and nontraditional wellness and therapeutic modalities. Emphasis is placed on bodywork and mind-body interventions, including somatics, biofield therapeutics, and energy medicine. Alternative systems and philosophies of medical practice, the nature of practitioners, and dietary supplements are also covered. Scientific and nonscientific rationales for modalities are critically examined. Prerequisites: Junior standing or above; one course in human biology or physiology (BIOL 10800, BIOL 11500, BIOL 11900, BIOL 12100, BIOL 20500, or EXSS 12000); one course in psychology (PSYC xxxx). (F,O)
3 Credits

EXSS 36500 Junior Internship in Athletic Training (NLA)

Provides a supervised clinical experience opportunity for junior AT majors. Relevant clinical experiences must include exposure to upper extremity, lower extremity, and equipment intensive experiences of both genders. A minimum of 60 experiential hours per credit is required. Each student is required to take four credits of this course obtaining a minimum of 240 practical hours, and a minimum of 120 of these hours must be attained under the supervision of an approved clinical instructor. These clinical experiences must be approved by the athletic training clinical coordinator prior to registration. May be repeated up to four credits. Pass/fail only. Prerequisite: EXSS 30000, EXSS 25700; athletic training major, junior standing. (F,S,U,Y)
1-4 Credits

EXSS 37300 Fieldwork in Exercise Science II (NLA)

Practical observational experience in private, university, professional, hospital, corporate, clinical, or a community setting where exercise is used as the primary modality to enhance physical performance. The objective is to observe closely the daily operations and special functions implemented in these settings and the practice of using exercise to improve physical capacity. A clear focus for internship planning should be developed during this fieldwork. May be repeated for one credit. Prerequisites: EXSS 26200; application to and permission of exercise science coordinator. (Sum, Y)
1 Credit

EXSS 37500 Research Methods in Exercise and Sport Sciences (LA)

Examination of the investigative methods used in exercise and sport sciences research. Design of experiments and application of statistical techniques for several types of research are explored. Includes proposal preparation for an original research project. Prerequisites: MATH 14400, MATH 14500, MATH 15500, or PSYC 20700; WRTG 10600 or ICSM equivalent; junior standing. (F,S,Y)
Attributes: 1, 2B, QL, WI
3 Credits

EXSS 38200 Practicum in Clinical Exercise and Wellness II (NLA)

A practice-based course emphasizing fitness assessment and prescription of exercise programming for healthy and patient populations. Develop and lead clients through programs to enhance physical fitness. Emphasis on developing core function, balance, and cardiovascular endurance. Majority of learning occurs in full-functioning Wellness Clinic and laboratory settings. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 26200. Only open to students in Clinical Exercise & Wellness concentration. (F-S,Y)
1 Credit

EXSS 38400 Practicum in Strength and Conditioning II (NLA)

A practice-based course covering proper execution of training modes to enhance strength (resistance training) and power (Olympic lifts) in athletes. Emphasis is on technique and teaching for development of athletic performance in a variety of athletic populations. Discussion, demonstration, personal skill development, and leading athletes in skill development are the primary means of instruction. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 26400. (S,Y)
1 Credit

EXSS 38500 Practicum in Strength and Conditioning III (NLA)

A practice-based course covering proper execution of exercises to enhance health and skill related components of fitness (i.e. flexibility, speed, agility, power and aerobic / anaerobic endurance). Students' abilities to devise and implement field-based conditioning modes will be enhanced. Emphasis is on technique and teaching for development of athletic performance in a variety of athletic populations. Discussion, demonstration, personal skill development, and leading athletes in skill development are the primary means of instruction. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 26400. (F,Y)
1 Credit

EXSS 39000 Advanced Strength and Conditioning (NLA)

This enhances students understanding of strength and conditioning service provision through examination of more advanced concepts of performance testing, program design and program implementation. Technological advancements and recent developments in the areas of performance testing and athlete monitoring will be examined. Objective determination of athletes' needs will be emphasized further. Student understanding of program design will be enhanced through discussion and application of advanced periodization models. The course helps prepare the student for the national certification exam. Prerequisites: EXSS 26400. (S,Y)

3 Credits

EXSS 39900-39901 Selected Topics in Exercise and Sport Sciences (LA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR)

Attributes: NLA

1-3 Credits

EXSS 40000 Clinical Experience in Athletic Training IV (NLA)

Supervised practical experience in an athletic training setting at Ithaca College or an affiliated site. A minimum of 60 clock-hours is required. Clinical proficiencies emphasized include basic therapeutic exercise techniques and advanced modality use. Students must be athletic training majors. Prerequisites: EXSS 30100, EXSS 34000, EXSS 35100. (S,Y)

1 Credit

EXSS 40100 Clinical Experience in Athletic Training V (NLA)

Supervised practical experience in an athletic training setting at Ithaca College or an affiliated site. A minimum of 60 clock-hours is required. Clinical skills emphasized include advanced therapeutic exercise techniques, therapeutic exercise protocols for major joints, and pre-event management. Prerequisites: EXSS 34200, EXSS 35200, EXSS 40000; athletic training majors only. (F,Y)

1 Credit

EXSS 40400 Leadership and Team Building in Exercise and Sport (LA)

Designed to provide an in-depth study of the principles and applied strategies that influence effective leadership and the building of productive teams. Emphasis is placed on developing high-performing teams through the effective use of individual, team, and corporate sport leadership. Topics include the assessment, training, and implementation of leadership qualities, skills, and "laws" that promote the proper development of leaders and teams. Theoretical foundations will be discussed for situational, transformational, charismatic, and servant leadership as each relates to the building of championship teams. Information is provided via small groups, lectures, role-playings, and student-taught workshop (cooperative learning) formats. Prerequisites: EXSS 30200. (S,Y)

Attributes: NS

3 Credits

EXSS 40500 Applied Techniques in Sport Psychology (NLA)

An in-depth examination of sport psychology techniques and their application to sport performance. Particular attention will be given to the synthesis and application of various mental training techniques to youth and team sport settings. Techniques include motivation, teamwork, communication, goal setting, anxiety/arousal control, imagery, positive self-talk, leadership, and mental toughness. Topics include gaining entry, confidentiality, and providing consultation in youth and team sport settings. Prerequisites: EXSS 30200, (F,Y)

3 Credits

EXSS 40600 Health and Wellness Coaching (NLA)

Presents relevant theory and allows for development of relational skills required for successful health and wellness coaching with the goal to sustainably affect healthy behavior change in patients/clients. Hybrid learning environment utilizes on-line, telephonic, and classroom experiences. Presents most course material via telephonic conferences. Details career options in health coaching and preparation for coaching certification. Prerequisites: Senior standing. Open to HSHP students only. (FY)

3 Credits

EXSS 40700 Clinical Pathoanatomy (NLA)

Advanced course that emphasizes musculoskeletal structure, function, and injury by extending and deepening prior knowledge through the use of human anatomic laboratory instruction. There will be in-depth examination of injuries that occur during sports participation. Students will apply knowledge of pathoanatomy, pathomechanics, and pathophysiology towards a deeper understanding of the most common sports-related injuries and their anatomical basis. Prerequisites: Grade of C or better in EXSS 34000; Grade of C or better in EXSS 34200; senior standing or permission of instructor. (F-Y)

3 Credits

EXSS 41100 Principles of Evidence Based Practice and Clinical Reasoning (NLA)

Introduce evidence-based practice and clinical reasoning with emphasis on effective search strategies for evidence of best practices relating to the recognition, rehabilitation, and prevention of injuries and conditions in active populations. Explore patient outcomes to develop sound clinical reasoning skills specific to diagnostic decision making and patient care. Prerequisites: EXSS 37500. (S)

2 Credits

EXSS 41200 Pre-Healthcare Clinical Practicum II (NLA)

Examine athletic training policies and procedures within supervised clinical observations. Recognize the social determinants of health, while interacting with various healthcare professions treating active populations. Identify the various interventions used to treat athletic injury and gain certification in CPR/AED use. A minimum of 30 experiential hours is required. Prerequisites: EXSS 31200. (S)

1 Credit

EXSS 42000 Advanced Biomechanics of Human Movement (LA)

An in-depth exploration of the biomechanics of human motion, focusing on the concepts and skills needed to perform and interpret biomechanical analyses of a variety of human movements. Topics will include anthropometry, kinematics, kinetics, and mechanical work, energy, and power. Select human movement skills from sport, clinical, and occupation settings will be examined in lecture and during hands-on laboratory experiences. Prerequisites: EXSS 22000; EXSS 22100, or PHYS 10100, or PHYS 11700 with C- or better; and EXSS 32100. (S,Y)

Attributes: 1, NS

4 Credits

EXSS 42100 Advanced Study in Exercise Physiology (LA)

An extension of EXSS 32100 Exercise Physiology that goes into greater depth on the physiological mechanisms that regulate the body's responses and adaptations to exercise. Special physiological considerations of gender, development and aging, obesity, pregnancy, and environmental stress (e.g., altitude, pollution, extreme temperature) are emphasized. Popular pharmaceutical and dietary manipulations used to enhance exercise performance are discussed. Experimental research in exercise physiology is introduced, and limited laboratory experiences are scheduled during class time. Prerequisites: EXSS 32100. (F-S,Y)

3 Credits

EXSS 42200 Exercise and Rehabilitation Psychology (LA)

Discussion of the psychological antecedents of exercise, including barriers and adherence to exercise or rehabilitation regimens. Particular attention will also be given to wellness, stress, the biobehavioral basis of coronary heart disease and other illnesses, and the psychodynamics of rehabilitative medicine. Prerequisites: EXSS 20200; EXSS 32100 or EXSS 34200 or EXSS 30200; Junior standing. (F, Y)

Attributes: 1, SS
3 Credits

EXSS 43000 Seminar in Athletic Training (NLA)

Seminar for senior students majoring in athletic training, intended to expand and reinforce learning that has taken place in previous core courses. Major topics include contemporary issues, athletic training administration, budget management, facility design, protective equipment, injury evaluation, modality operation, and treatment and rehabilitation programs. Prerequisites: EXSS 25600; senior standing in athletic training/exercise science. (F-S,Y)

3 Credits

EXSS 43100 Medical Aspects of Athletics (NLA)

A course to familiarize athletic training/exercise science majors with medical illnesses and nonorthopedic problems that affect athletes. Prerequisites: Senior standing in athletic training/exercise science. (S,Y)

1 Credit

EXSS 43200 Orthopedic Perspectives on the Shoulder and the Knee (NLA)

The orthopedic examination of the shoulder and knee, including the orthopedic decision-making process for shoulder and knee disorders. Various procedures and the rationale for rehabilitation protocols are addressed. Provides hands-on experience in laboratory sessions. Pass/fail only. Prerequisites: Senior standing in athletic training/exercise science. (S,Y)

1 Credit

EXSS 43600 Sport and Exercise Counseling (LA)

An introduction to the sport counseling process and to the various performance issues related to counseling student-athletes. Students will develop a strong base of knowledge related to the counseling process and will have multiple opportunities to practice counseling skills in role-playing and small group formats. Topics include the need for counseling, stereotypes and biases, the counseling process, attending and listening, empathy, helping athletes tell their stories, brief counseling, and various topics and concerns that arise when counseling student-athletes from different populations. The course will be taught via lecture, large- and small-group discussions, role-playing, and modeling. Prerequisites:

EXSS 30200, senior standing. (S,Y)

3 Credits

EXSS 44700 Pathophysiology, Limited Capacity and Exercise (NLA)

Study of the pathophysiology of disease or disabling states, the assessment of exercise potential, and the special considerations for prescription of exercise in these cases. Special emphasis is placed on discussion of phase I and phase II cardiac rehabilitation, diabetic patients, pulmonary disease, and working with older adults with limited functional capacity. Additional special populations are discussed as time permits. Material is geared to the learning objectives of the American College of Sports Medicine's exercise specialist certification.

Prerequisites: EXSS 24600; EXSS 26200; EXSS 32100. (S,Y)

3 Credits

EXSS 45000-45100 Independent Study in Exercise and Sport Sciences (LA)

Individual study program for the investigation of special issues or topics in the field of exercise or sport science that have such breadth of cultural or psychological material, such rigor and depth of theoretic structure, or such play of broad intellectual and aesthetic themes as to be classified as liberal arts. Arranged individually between student and faculty sponsor according to guidelines available from the department. Prerequisites: Major or minor in the Department of Exercise and Sport Sciences; permission of department chair. (F-S,Y)

0.5-3 Credits

EXSS 45500 Senior Internship in Athletic Training (NLA)

Provides a supervised clinical experience opportunity for senior AT majors. Relevant clinical experiences must include exposure to upper extremity, lower extremity, and equipment intensive, and general medical experiences of both genders. A minimum of 60 experiential hours per credit is required. Each student is required to take four credits of this course obtaining a minimum of 240 practical hours, and a minimum of 120 of these hours must be attained under the supervision of an approved clinical instructor. These clinical experiences must be approved by the athletic training clinical coordinator prior to registration. May be repeated up to four credits. Pass/fail only. Prerequisite: EXSS 36500, senior standing. (F-S, Su, Y)

1-4 Credits

EXSS 45600 Clinical Experience in Athletic Training VI (NLA)

Supervised practical experience in an athletic training setting at Ithaca College or an affiliated site. A minimum of 60 clock-hours is required, and clinical proficiencies emphasized include administrative aspects of athletic training, presentation of season-ending injury reports as well as case histories. Clinical integration proficiencies (CIP) will be assessed. This course will include the ICC Capstone and will include athletic training major content with the integrative core curriculum and self-reflection of learning outcomes also explored. Students must be athletic training majors. Prerequisites: EXSS 40100, EXSS 43000. (S,Y)

Attributes: CP

1 Credit

EXSS 46000 Internship in Exercise and Sport Sciences (NLA)

Supervised work experience in corporate or clinical exercise settings, amateur and professional sport agencies, and community sport organizations. Student assumes a leadership role in various job-related activities and performs administrative tasks in support of such activities under an experienced agency supervisor and faculty sponsor. Prerequisites: EXSS 34900; permission of department chair. 6-(F-S,Y)

6-12 Credits

EXSS 46400 Cardiopulmonary Assessment for Exercise (NLA)

Addresses techniques for assessment of cardiovascular and pulmonary disease. Emphasis is placed on developing skill in electrocardiography, graded exercise testing, and the assessment of maximal functional capacity. Utilizes assessments in the development of appropriate exercise prescriptions. Material is geared to meet learning objectives of outside certifying agencies. Prerequisites: EXSS 26200; EXSS 32100. (S,Y)

3 Credits

EXSS 46600 Administration, Mentoring, and Professional Preparation (NLA)

Provides opportunities to develop administrative and leadership skills. Emphasis is on appreciation for excellent leadership, staffing, equipping, and operations of a fully-functioning human performance facility. Majority of learning occurs by leading and working with apprentice students (i.e., underclass) in the program and through the completion of a project that allows the student to design their own facility. Preparation for external certification is emphasized. Prerequisites: EXSS 38200, EXSS 38400, EXSS 38500; and senior standing. (F-S,Y)
3 Credits

EXSS 46700 Practicum in Clinical Exercise and Wellness III (NLA)

A practice-based course emphasizing assessment of cardiovascular capacity and heart health through practical experiences in graded exercise testing. Highlights understanding electrocardiography, test protocol, utilizing results to guide exercise programming, and safety. Students initially collect data on classmates and ultimately work with Clinic clients. Majority of learning occurs in full-functioning Wellness Clinic and laboratory settings. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 46400; EXSS 27200 or EXSS 38200. Only open to students in Clinical Exercise & Wellness concentration. (F-S,Y)
1 Credit

EXSS 47000 Applied Practice in Strength and Conditioning (NLA)

This course enhances students understanding of strength and conditioning service provision through applied practice. Students will assist the Ithaca College Department of Athletics Strength and Conditioning Program in the delivery of support services to varsity athletes. Areas of support may include performance testing, program design, exercise leadership, reflective practice and athlete / coach education. The objective is to observe closely, and have some supervised experiences in the daily operations and special functions of the Strength and Conditioning Department. A clear focus for internship planning should be developed during this fieldwork. Prerequisites: EXSS 26500, EXSS 38400 and EXSS 38500. (F,Y)
1 Credit

EXSS 47300 Internship: Strength and Conditioning (NLA)

A practical learning experience in a setting using exercise for athletic performance enhancement. Sites for internships include strength and conditioning programs in private, university and professional settings. Students are involved with the daily operations of the agency. Prerequisites: EXSS 46600; a minimum GPA of 2.50 in specific major requirements; permission of the exercise science coordinator. (F,S,Y)
Attributes: CP
6-12 Credits

EXSS 47400 Internship: Clinical Exercise and Wellness (NLA)

A practical learning experience in a setting using exercise for rehabilitation purposes, disease prevention, or wellness promotion. Sites such as hospitals, clinics, corporate fitness centers, wellness clinics, and community-based facilities are typical. Students are involved with the daily operations of the agency. Prerequisites: EXSS 46600; a minimum cumulative GPA of 2.75 with a minimum GPA of 3.00 in specific major requirements; permission of the exercise science coordinator. (F,S,Y)
Attributes: CP
6-12 Credits

EXSS 47500 Research Team I: Exercise and Sport Sciences (LA)

First semester of capstone research experience involving synthesis of a research question, development of appropriate experimental design, as well as data collection, analyses, interpretation, and result dissemination by teams of students under the direction of one or more faculty members. Prerequisites: EXSS 37500. (F,Y)
Attributes: UND
3 Credits

EXSS 47600 ICC Capstone in EXSS (NLA)

This course will provide exploration and self-reflection upon the relationship between the Ithaca College core curriculum courses and its application to the field of Exercise Science. Emphasis on the creation of a reflective artifact that demonstrates the changes that have occurred as a result of the ICC experience inside and outside the study of exercise science. Prerequisites: Senior standing, permission of instructor. (S,Y)
Attributes: CP
0 Credit

EXSS 47700 Research Team II (LA)

Second semester of capstone research experience involving data collection, analysis, interpretation, and result dissemination by teams of students under the direction of one or more faculty members. Prerequisite: EXSS 47500; (S,Y)
Attributes: CP
3 Credits

Exercise Science Major, Clinical Exercise & Wellness Concentration — B.S.

The clinical exercise and wellness concentration provides students with a theoretical understanding of the biomechanical, neuromuscular, physiological, and psychological responses and adaptations to exercise. Through concentration specific courses, electives, fieldworks, and internships, an exercise science degree with a clinical exercise and wellness concentration provides students with the knowledge and skills to assess physical function and prescribe exercise for healthy and diseased individuals. This concentration enables graduates to gain employment as exercise specialists for youth, adult, geriatric, and diseased populations, including diabetes and cancer management; exercise technicians; cardiac rehabilitation specialists in hospitals and clinics; personal trainers; corporate wellness specialists; and community fitness and education leaders. Graduates also work as business owners, communication specialists, and successfully enter graduate and professional schools.

Special Academic Status Policy for Clinical Exercise and Wellness Concentration

Students in this concentration are required to:

- maintain a cumulative GPA of at least 2.50;
- maintain a minimum GPA of 2.75 in all basic and applied sciences and all specific requirements; and
- complete each of the required courses and restricted elective courses in the exercise and sport sciences department with a grade of at least C-. Failure to complete each of these courses with at least

a C- mandates repeating the course. The Ithaca College policy on repeating courses stated in this catalog must be followed.

Summary

Code	Title	Credits
General Requirements		7-8
Basic and Applied Sciences		40
ESS Clinical Exercise and Wellness concentration		27-33
Integrative Core Curriculum ¹		25-29
Free electives		06-15
Total Credits		120

¹ Please refer to "ICC (p. 319)" tab on our school's main page to see requirements.

Degree Requirements

Code	Title	Credits
GENERAL REQUIREMENTS		
Select one of the following:		3-4
MATH 14400	Statistics for Business, Economics and Management	
MATH 14500	Statistics for the Health, Life, and Social Sciences	
PSYC 20700	Statistics in Psychology	
MATH 15500	Basic Statistical Reasoning	
And		
PHYS 10100	Introduction to Physics I	4
BASIC AND APPLIED SCIENCES		
EXSS 12000	Anatomy and Physiology I ¹	4
EXSS 12100	Anatomy and Physiology II ¹	4
EXSS 12500	Foundations of Human Performance and Wellness (Foundations of Human Performance and Wellness)	2
EXSS 20200	Sport and Exercise Psychology	3
EXSS 22000	Kinesiology	4
EXSS 24600	Prevention and Care of Athletic Injuries	3
EXSS 30600	Biomechanical Principles of Human Movement	4
EXSS 32000	Neuromuscular Control	3
EXSS 32100	Exercise Physiology ¹	4
EXSS 42100	Advanced Study in Exercise Physiology	3
EXSS 42200	Exercise and Rehabilitation Psychology	3
HLTH 20200	Human Nutrition	3
ESS CLINICAL EXERCISE AND WELLNESS CONCENTRATION		
EXSS 17300	Fieldwork in Exercise Science I	1
EXSS 26200	Personal Training	3
EXSS 26400	Strength and Conditioning Foundations	3
EXSS 27200	Practicum in Clinical Exercise and Wellness I	1
EXSS 37300	Fieldwork in Clinical Exercise Science II	1
EXSS 37500	Research Methods in Exercise and Sport Sciences	3

EXSS 38200	Practicum in Clinical Exercise and Wellness II	1
EXSS 44700	Pathophysiology, Limited Capacity and Exercise	3
EXSS 46400	Cardiopulmonary Assessment for Exercise	3
EXSS 46600	Administration, Mentoring, and Professional Preparation	3
EXSS 46700	Practicum in Clinical Exercise and Wellness III	1
EXSS 47400	Internship: Clinical Exercise and Wellness ²	6-12
Total Credits		76-83

¹ Satisfies Complementary Liberal Arts requirement.

² Counts as ICC Capstone.

Exercise Science Major, Medical Sciences Concentration – B.S.

The medical sciences concentration provides students with a theoretical understanding of the biomechanical, neuromuscular, physiological, and psychological responses and adaptations to exercise. Through concentration specific courses, electives, and research experiences, an exercise science degree with a medical sciences concentration specifically prepares students for entry into various professional programs (DC, MD, NP, OD, PA, OT, and PT) and for graduate training in biomechanics, ergonomics, exercise physiology, prosthetics, and sport psychology. The concentration also prepares graduates for employment in exercise- and health-science related research and clinical positions in both public settings and private industry.

Summary

Code	Title	Credits
General requirements		10-11
Basic and Applied Sciences		46
ESS Medical Sciences concentration		20-33
Integrative Core Curriculum ¹		25-29
Free electives		19
Total Credits		120

¹ Please refer to "ICC (p. 319)" tab on our school's main page to see requirements. (EXSS 37500 will satisfy Quantitative Literacy and Writing Intensive; EXSS 47700 will satisfy ICC Capstone.)

Degree Requirements

Code	Title	Credits
GENERAL REQUIREMENTS		
Select one of the following:		4
MATH 10400	Finite Mathematics with Calculus	
MATH 10800	Applied Calculus	
MATH 11100	Calculus I	
Select one of the following:		3-4
MATH 14400	Statistics for Business, Economics and Management	

MATH 14500	Statistics for the Health, Life, and Social Sciences	
MATH 15500	Basic Statistical Reasoning	
PSYC 20700	Statistics in Psychology	
And		
PSYC xxxx	Psychology elective ¹	3

BASIC AND APPLIED SCIENCES

HLTH 20200	Human Nutrition	3
EXSS 12000	Anatomy and Physiology I ²	4
EXSS 12100	Anatomy and Physiology II ²	4
EXSS 12500	Foundations of Human Performance and Wellness (Foundations of Human Performance and Wellness)	2
EXSS 20200	Sport and Exercise Psychology	3
EXSS 22000	Kinesiology	4
EXSS 24600	Prevention and Care of Athletic Injuries	3
EXSS 30600	Biomechanical Principles of Human Movement	4
EXSS 32000	Neuromuscular Control	3
EXSS 32100	Exercise Physiology ²	4
EXSS 37500	Research Methods in Exercise and Sport Sciences	3
EXSS 47500	Research Team I: Exercise and Sport Sciences	3
EXSS 47700	Research Team II	3

Select from one of the following: 3

EXSS 44700	Pathophysiology, Limited Capacity and Exercise	
BIOC 35300	Biochemistry: Protein Structure & Function	
BIOC 33300	Biochemistry and Molecular Biology	

ESS MEDICAL SCIENCES CONCENTRATION

BIOL 11900	Fundamentals of Biology: Cells and Bodies	4
or BIOL 12100	Principles of Biology, Cell and Molecular	
BIOL 12000	Fundamentals of Biology: Ecology and Evolution	4

or BIOL 12200 Principles of Biology, Ecology and Evolution

Select one of the following groups: 8-17

Group A:

CHEM 12100	Principles of Chemistry	
CHEM 12200	Principles of Chemistry Laboratory	
CHEM 11200	Organic Chemistry and Biochemistry	
CHEM 11400	Chemistry Laboratory	

Group B:

CHEM 12100	Principles of Chemistry	
CHEM 12200	Principles of Chemistry Laboratory	
CHEM 12400	Experimental Chemistry I	
CHEM 22500	Experimental Chemistry II	
CHEM 22100	Organic Chemistry I	
CHEM 22200	Organic Chemistry II	
CHEM 23200	Quantitative Chemistry	

Select one of the following: 4-8

PHYS 10100 Introduction to Physics I

PHYS 11700	Principles of Physics I: Mechanics	
PHYS 10100 & PHYS 10200	Introduction to Physics I and Introduction to Physics II	
PHYS 11700 & PHYS 11800	Principles of Physics I: Mechanics and Principles of Physics II: Electricity and Magnetism	

Total Credits 76-90¹ Excluding methods and statistics courses.² Satisfies Complementary Liberal Arts requirement.

Exercise Science Major, Sport Sciences Concentration – B.S.

The sport sciences concentration provides students with a theoretical understanding of the biomechanical, neuromuscular, physiological, and psychological responses and adaptations to exercise. Through concentration specific courses, electives, and research experiences, an exercise science degree with a sport sciences concentration specifically prepares students for specialized graduate training in such fields as biomechanics, ergonomics, exercise physiology, prosthetics, physiology, and sport psychology. The concentration also prepares students for direct entry into exercise science related careers, such as fitness management, fitness journalism, coaching, and pharmaceutical or medical equipment sales.

Summary

Code	Title	Credits
General requirements		14-15
Basic and Applied Sciences		47
ESS Sport Sciences concentration		18
Integrative Core Curriculum ¹		25-29
Free electives		16
Total Credits		120

¹ Please refer to "ICC (p. 319)" tab on our school's main page to see requirements. (EXSS 37500 will satisfy Quantitative Literacy and Writing Intensive; EXSS 47700 will satisfy ICC Capstone.)

Degree Requirements

Code	Title	Credits
GENERAL REQUIREMENTS		
Select one of the following:		
MATH 10400	Finite Mathematics with Calculus	
MATH 10800	Applied Calculus	
MATH 11100	Calculus I	
Select one of the following:		3-4
MATH 14400	Statistics for Business, Economics and Management	
MATH 14500	Statistics for the Health, Life, and Social Sciences	
MATH 15500	Basic Statistical Reasoning	
PSYC 20700	Statistics in Psychology	
And		
PHYS 10100	Introduction to Physics I	4

BASIC AND APPLIED SCIENCES

HLTH 20200	Human Nutrition	3
EXSS 12000	Anatomy and Physiology I ¹	4
EXSS 12100	Anatomy and Physiology II ¹	4
EXSS 12500	Foundations of Human Performance and Wellness (Foundations of Human Performance and Wellness)	2
EXSS 20200	Sport and Exercise Psychology	3
EXSS 22000	Kinesiology	4
EXSS 24600	Prevention and Care of Athletic Injuries	3
EXSS 30600	Biomechanical Principles of Human Movement	4
EXSS 32000	Neuromuscular Control	3
EXSS 32100	Exercise Physiology ¹	4
EXSS 47500	Research Team I: Exercise and Sport Sciences	3
EXSS 47700	Research Team II	3

ESS SPORT SCIENCES CONCENTRATION

Select 18 credits of the following: 18

EXSS 26200	Personal Training
EXSS 26400	Strength and Conditioning Foundations
EXSS 40400	Leadership and Team Building in Exercise and Sport
EXSS 40500	Applied Techniques in Sport Psychology
EXSS 42100	Advanced Study in Exercise Physiology
EXSS 42200	Exercise and Rehabilitation Psychology
EXSS 43600	Sport and Exercise Counseling
EXSS 44700	Pathophysiology, Limited Capacity and Exercise
EXSS 46400	Cardiopulmonary Assessment for Exercise
BIOL 11900	Fundamentals of Biology: Cells and Bodies
BIOL 12000	Fundamentals of Biology: Ecology and Evolution
BIOL 12100	Principles of Biology, Cell and Molecular
BIOL 12200	Principles of Biology, Ecology and Evolution
CHEM 12100	Principles of Chemistry
CHEM 12200	Principles of Chemistry Laboratory
CHEM 11200	Organic Chemistry and Biochemistry
CHEM 11400	Chemistry Laboratory
CHEM 12400	Experimental Chemistry I
CHEM 22500	Experimental Chemistry II
CHEM 22100	Organic Chemistry I
CHEM 22200	Organic Chemistry II
CHEM 23200	Quantitative Chemistry
PHYS 10200	Introduction to Physics II
or Any minor	

Total Credits 65-66

¹ Satisfies Complementary Liberal Arts requirement.

Exercise Science Major, Strength & Conditioning Concentration – B.S.

The strength and conditioning concentration provides students with a theoretical understanding of the biomechanical, neuromuscular, physiological, and psychological responses and adaptations to exercise. Through concentration specific courses, electives, fieldworks, and internships, an exercise science degree with a strength and conditioning concentration provides students with the skills to assess physical function and the knowledge to improve sport performance through advanced strength, speed, power, agility, and balance training. Graduates typically work as strength and conditioning specialists and coaches at high schools, colleges, universities, and private training facilities. They also work as personal trainers and business owners, and successfully enter graduate and professional schools.

Summary

Code	Title	Credits
General Requirements		7-8
Basic and Applied Sciences		40
ESS Strength and Conditioning concentration		26-32
Integrative Core Curriculum ¹		19
Free electives		22-29
Total Credits		120

¹ Please refer to "ICC (p. 319)" tab on our school's main page to see requirements.

Degree Requirements

Code	Title	Credits
GENERAL REQUIREMENTS		
PHYS 10100	Introduction to Physics I	4
Select one of the following:		3-4
MATH 14400	Statistics for Business, Economics and Management	
MATH 14500	Statistics for the Health, Life, and Social Sciences	
PSYC 20700	Statistics in Psychology	
MATH 15500	Basic Statistical Reasoning	
BASIC AND APPLIED SCIENCES		
EXSS 12000	Anatomy and Physiology I ¹	4
EXSS 12100	Anatomy and Physiology II ¹	4
EXSS 12500	Foundations of Human Performance and Wellness (Foundations of Human Performance & Wellness)	2
EXSS 20200	Sport and Exercise Psychology	3
EXSS 22000	Kinesiology	4
EXSS 24600	Prevention and Care of Athletic Injuries	3
EXSS 30600	Biomechanical Principles of Human Movement	4
EXSS 32000	Neuromuscular Control	3
EXSS 32100	Exercise Physiology ¹	4
EXSS 42100	Advanced Study in Exercise Physiology	3
EXSS 42200	Exercise and Rehabilitation Psychology	3
HLTH 20200	Human Nutrition	3

ESS STRENGTH AND CONDITIONING CONCENTRATION

EXSS 17300	Fieldwork in Exercise Science I	1
EXSS 26200	Personal Training	3
EXSS 26400	Strength and Conditioning Foundations	3
EXSS 26500	Practicum in Strength and Conditioning I	1
EXSS 37500	Research Methods in Exercise and Sport Sciences	3
EXSS 38400	Practicum in Strength and Conditioning II	1
EXSS 38500	Practicum in Strength and Conditioning III	1
EXSS 46600	Administration, Mentoring, and Professional Preparation	3
EXSS 39000	Advanced Strength and Conditioning (Advanced Strength & Conditioning)	3
EXSS 47000	Applied Practice in Strength and Conditioning (Applied Practice in S&C)	1
EXSS 47300	Internship: Strength and Conditioning ²	6-12
Total Credits		73-80

¹ Satisfies Complementary Liberal Arts requirement.

² Counts as ICC Capstone.

Exercise Science Pre-Athletic Training — B.S.

Ithaca College offers an accelerated, combined B.S./M.S. dual degree curriculum in a 5-year program that results in students earning both the B.S. in Exercise Science, Pre-Athletic Training and the M.S. in Athletic Training. Students intending to become certified athletic trainers (ATC) via the Ithaca College professional program in athletic training will enter Ithaca College as Dual Degree majors in the B.S. in Exercise Science, Pre-Athletic Training/M.S. in Athletic Training program as the sole entry point into the five-year professional program. Graduates of the dual degree program will be eligible to take the Board of Certification for the Athletic Trainer examination as required by New York State and to apply for professional licensure/certification.

The following degrees are combined to comprise this dual degree program.

B.S., Exercise Science, Pre-Athletic Training (Undergraduate)

Exercise Science Pre-Athletic Training majors must successfully complete all required courses, maintain a 3.0 GPA, and meet all professional program expectations (see Special Academic Status Policy) in order to matriculate into the professional phase of the dual degree and to continue in the program. Students who do not meet the expectations for admission to the professional phase of the dual degree program will be advised into other majors.

The fourth year of study will include the final year of undergraduate coursework and the first year of the professional/graduate-level coursework phase of the program. The B.S. portion of the program is completed after four years of study in the five-year combined B.S. Exercise Science, Pre-Athletic Training/ M.S. Athletic Training program and does not provide eligibility for licensure/certification as an athletic trainer.

M.S., Athletic Training (Graduate/Professional)

During the fourth year of the dual degree program, students enter the professional phase of study and will continue into a final full graduate year of study, year 5, consisting of summer, fall and spring semesters including a 4-week full time clinical immersion experience (spring), and an intensive clinical research component. Students completing the full dual degree program will receive a B.S. in Exercise Science, Pre-Athletic Training, an M.S. in Athletic Training, and will be eligible to take the national certification examination from the Board of Certification for the Athletic Trainer.

Special Academic Status Policy for Exercise Science Pre-Athletic Training Major

1. At the midpoint of the Exercise Science Pre-Athletic Training junior year (January, year 3), MS-AT intentioned students will need to file and claim their intentions to matriculate into the graduate and professional phase of the full MS-AT program (which begins in year 4).

2. Special Academic Status Policy for BS in Exercise Science, Pre-Athletic Training/MS in Athletic Training: At the end of year 3 (May), specific criteria will be assessed for student progression into the professional phase of the program, which includes:

- Valid Certification in Emergency Cardiac Care
 - Examples of certification that fulfills this requirement is CPR/AED for the Professional Rescuer (American Red Cross) or BLS Healthcare Provider (American Heart Association)
 - Each student must have current certification BEFORE starting the professional phase of the dual degree program (year 4). Students without evidence of this requirement during the review (May of Year 3) will need to complete this requirement and demonstrate proof in-writing before August 1 of year 4 in order to initiate their clinical education in ATEG 50500 (Practicum in AT I).
- Submission of signed, current physical examination and immunization records from a licensed medical professional (MD, DO, PA or NP). The program uses a Health Clearance Certificate form that must be signed and completed in full and submitted prior to beginning the professional phase of the program.
 - Per CAATE accreditation requirements, each student must have current and up to date immunization records and physical examination (within 1 year of initiating clinical education) BEFORE starting the professional phase of the degree program (year 4). Students without evidence of this requirement during the review (May of year 3) will need to complete this requirement and demonstrate in-writing proof before August 1 of year 4 in order to initiate their clinical education in ATEG 50500 (Practicum in AT I).
- Unless waived (submitting a signed waiver), students must submit medical proof of the following:
 - 2-step Tuberculin Skin Test (2 PPDs done in calendar year of application)
 - Rubella, Rubeola and Mumps vaccination
 - Chicken Pox vaccination
 - Physical examination testifying the physical ability to carry out demands of clinical education/practice.
- Overall, cumulative G.P.A. greater than or equal to 3.0
- Combined G.P.A. greater than or equal to 3.0 in EXSS 12000, EXSS 12100, EXSS 24600, EXSS 30600, EXSS 31200, EXSS 32100, EXSS 41100, EXSS 41200.

- Grades of C- or greater in the following courses: EXSS 12000, EXSS 12100, EXSS 12600, EXSS 22000, EXSS 24600, EXSS 30600, EXSS 31100, EXSS 31200, EXSS 32100, EXSS 37500, EXSS 41100, EXSS 41200, BIO 11900, PHYS 10100, CHEM elective, PSYC 10300, HLTH 21700.
- Achieving a grade below C- (D+, or less) in any of these courses will not allow a student to progress into the professional phase of the program.
- Students may be provisionally advanced if they have deficiencies in this aspect of the portfolio but MUST retake the offending course(s) and achieve a grade of C- or better for each BEFORE the start of the year 4, fall semester. A maximum of 2 such courses is allowable for this provisional status.

Summary

Code	Title	Credits
General Requirements		17-19
Basic and Applied Sciences		27
Specific Requirements		46
Integrative Core Curriculum ¹		19
Free Electives		9-11
Total Credits		120

¹ Please refer to ICC tab on our school's main page to see requirements.

General Requirements

Code	Title	Credits
Select from one of the following:		
MATH 14500	Statistics for the Health, Life, and Social Sciences	3-4
	or MATH 15500 Basic Statistical Reasoning	
PHYS 10100	Introduction to Physics I	4
BIOL 11900	Fundamentals of Biology: Cells and Bodies	4
PSYC 10300	General Psychology	3
Select from one of the following:		3-4
CHEM 10100	Chemistry and Your Body	
CHEM 11000	General Chemistry	
CHEM 12100	Principles of Chemistry	
	& CHEM 12200 and Principles of Chemistry Laboratory	
Total Credits		17-19

Basic and Applied Sciences

Code	Title	Credits
EXSS 12000	Anatomy and Physiology I	4
EXSS 12100	Anatomy and Physiology II	4
EXSS 12500	Foundations of Human Performance and Wellness	2
EXSS 12600	Origins and Literacy of Medical Science	2
EXSS 22000	Kinesiology	4
EXSS 30600	Biomechanical Principles of Human Movement	4
EXSS 32100	Exercise Physiology	4

EXSS 37500	Research Methods in Exercise and Sport Sciences	3
Total Credits		27

Specific Requirements

Code	Title	Credits
HLTH 20200	Human Nutrition	3
HLTH 21700	Epidemiological Approaches to Disease Prevention and Control	3
EXSS 24600	Prevention and Care of Athletic Injuries	3
EXSS 31100	Biopsychosocial Foundations of Clinical Practice	3
EXSS 31200	Pre Healthcare Clinical Practicum I	1
EXSS 41100	Principles of Evidence Based Practice and Clinical Reasoning	2
EXSS 41200	Pre-Healthcare Clinical Practicum II	1
ATEG 50100	Biomedical Foundations of Clinical Science in Athletic Training	3
ATEG 50200	Acute Care and Emergency Management in Athletic Training	4
ATEG 50300	Clinical Pathoanatomy	3
ATEG 50400	Professional Practice in Athletic Training	2
ATEG 50500	Practicum in Athletic Training I	3
ATEG 50600	Assessment of Musculoskeletal Conditions and Injuries	4
ATEG 50700	Clinical Principles of Medical Science	4
ATEG 50800	Therapeutic Interventions in Athletic Training I	4
ATEG 51000	Practicum in Athletic Training II	3
Total Credits		46

Courses within the M.S. Athletic Training phase of the B.S./M.S. Program

Exercise Science Minor

The exercise science minor is designed to give students a foundation in exercise science for pursuing related professional interests in health care or personal interests in the lifetime pursuit of sports participation, fitness, and wellness. The exercise science minor is open to students majoring in all disciplines except exercise and sport sciences.

Requirements

Code	Title	Credits
EXSS 12000	Anatomy and Physiology I	4
EXSS 12100	Anatomy and Physiology II	4
EXSS 22000	Kinesiology	4
EXSS 30600	Biomechanical Principles of Human Movement	4
EXSS 32100	Exercise Physiology	4
It is recommended, but not required, that students also choose one of the following:		
EXSS 20200	Sport and Exercise Psychology	
EXSS 32000	Neuromuscular Control	

EXSS 42100 Advanced Study in Exercise Physiology

Total Credits

20

Sport and Exercise Psychology Minor

The sport and exercise psychology minor provides students with a basic understanding of the psychological components of sport and exercise participation and peak performance. Students will acquire practical and applied knowledge for team building, leadership, and goal setting, which may be used in coaching, business, industry, and wellness. The sport and exercise psychology minor is open to students majoring in all disciplines except exercise science with a concentration in sport and exercise psychology.

Code	Title	Credits
Curriculum		
EXSS 20200	Sport and Exercise Psychology	3
EXSS 30200	Psychology of Injury in Sport and Exercise	3
EXSS 40400	Leadership and Team Building in Exercise and Sport	3
EXSS 40500	Applied Techniques in Sport Psychology	3
EXSS 42200	Exercise and Rehabilitation Psychology	3
Total Credits		15

Department of Health Promotion and Physical Education

Julia Lapp, *Associate Professor and Chairperson*

Kari Brossard-Stoos, *Associate Professor and Associate Chairperson*

The Department of Health Promotion and Physical Education prepares students to take an active role in the promotion of health and physical activity, with a focus on enhancing the well-being of people through education in school and community settings, instruction in the health sciences, or leadership in health policy.

Please note that students are no longer being accepted into the TEACHER EDUCATION MAJORS as of the fall 2021 semester.

Our Mission

To prepare ethical, competent health promotion, and health and physical education professionals within a liberal education background to work in diverse settings with multicultural populations.

Our Values

Ethical Reasoning: assess their own ethical values, recognize ethical issues and dilemmas and consider implications of alternative actions.

Critical Thinking: analyze or evaluate information, examine the evidence and reasoning, and form judgments about facts.

Honor Human Differences: identify, understand and respect/appreciate human differences from complex perspectives with nuances beyond the surface.

Ability to Analyze: access reliable information, find appropriate data, apply discipline analysis techniques, and identify implications.

Civic Engagement: engaged citizens by demonstrating knowledge of leadership development approaches, organizational theory and skills in advocacy, consultation, and collaboration.

Department Majors

The Department of Health Promotion and Physical Education offers 6 majors, organized into two areas: Health Promotion and Teacher Education. Our majors emphasize theory into practice, and each major has a field-based experience and a capstone course.

The Department offers students interested in health and physical activity a multitude of options to pursue their passion. Across all majors, the Department is committed to five student-learning outcomes: critical thinking, valuing human difference, ethical reasoning, analysis and dissemination of information and civic engagement.

Health Promotion Majors

The **Health Sciences Major** prepares students for advanced study in graduate or professional schools. The health sciences major offers students three emphases: pre-medicine, food and nutrition, and a self-designed planned clinical focus, allowing the students to select the emphasis best suited to their career goals. Health science graduates typically aspire to attend medical or physician assistant programs, enter nursing programs or chiropractic programs, or registered dietician programs, just to name a few.

The **Public and Community Health Major** is an attractive option for students who desire to work in community and professional organizations dedicated to health promotion and prevention. There are two emphases in this major: one provides for depth of study and another emphasizes breadth of study. Students can select a Planned Individually Concentration (PIC) that allows them to select courses aligned with their interests (e.g., women's health, health inequalities, global health, emergency preparedness), enabling them to study a topic of interest in-depth. Other students may select a cohesive set of health electives to increase the breadth of their health knowledge. Program graduates may work in health departments, medical centers, or community-based organizations or choose to pursue advanced study in Public Health (M.P.H.).

The **Health Care Management Major** prepares students to work effectively in the medical and health services arena. Graduates gain employment as administrators in health care organizations, insurance industries, group medical practices, and long-term care organizations. In addition to major courses, students are required to select a minor in the School of Business. Many graduates continue their studies and complete Master's degrees in health care administration or business.

Teacher Education Majors

Our teacher education programs emphasize a sound foundation in relevant content areas integrated with strong preparation in pedagogy. Our programs incorporate field-based experiences throughout the four years, allowing students to gain valuable experience working with students in the public schools right from the beginning of their education. The culminating experience in the senior year is a semester of student teaching. In addition to teaching, many of our students aspire to be coaches and are prepared to undertake these responsibilities. Graduates

of our programs are eligible to apply for initial teacher certification after successfully completing the appropriate state examination

The **Health Education and Physical Education Major** (dual major) is our most popular teaching major, offering students the opportunity to prepare for teacher certification in both physical education and health education at both the elementary and secondary levels. Ithaca College is one of the few programs in New York State offering this dual preparation and graduates of this major enter the job market with a lot of flexibility. The current emphasis on the critical role of physical activity in health, the desire of many students to teach both health and physical education, and increased opportunities the dual degree offers students for future employment makes the degree a choice of many of our teacher education majors. Many of these majors pursue coaching opportunities in addition to their teaching. Graduates also have the ability to work in fitness clubs and wellness centers.

The **Physical Education Major** prepares students to teach at elementary and secondary school levels. Some of our students choose to complement their preparation in this major by earning a minor or taking additional courses to gain certification in a second area, such as Mathematics or history. These majors often coach in their schools' interscholastic programs. Other employment opportunities include teaching in recreation programs or fitness centers.

The **Health Education Major** prepares students to educate others about personal, family, and community health concerns, including maintaining good health and preventing illness. Graduates may teach health in elementary and secondary schools or avail themselves of other opportunities to promote health by choosing to work in public health or social service agencies.

Minors in the Department of Health Promotion and Physical Education

There are four minors in the Department: Health, Health Policy and Management, Nutrition Promotion, and Coaching. The minors focus on increasing students' understanding in their chosen area of interest. A faculty advisor in the Department of Health Promotion and Physical Education is assigned to each student who chooses to minor in one of these areas.

There are several policies governing department minors to try to accommodate the heavy demand. Students may only enroll in ONE of the minors offered by the department. Minor application forms will be reviewed on a rolling basis through the first Block of each semester. After Block I is complete, minor forms will be held until the end of the semester for review. No new minors will be accepted during pre-registration periods (applications will be accepted, and held, but not acted upon). Minor forms will be recorded with a date of receipt and will be reviewed in the order in which they were received at the end of the Spring semester or Summer term. Students will be notified by e-mail of their acceptance into the minor.

Majors & Minors

- Health Education (Teaching) Major — B.S. (p. 345)
- Health Education and Physical Education (Teaching) Major — B.S. (p. 347)
- Physical Education (Teaching) Major — B.S. (p. 348)
- Health Care Management Major — B.S. (p. 350)
- Health Sciences Major — B.S. (p. 350)

- Public and Community Health Major — B.S. (p. 352)
- Coaching Minor (p. 353)
- Health Minor (p. 353)
- Health Policy and Management Minor (p. 354)
- Nutrition Promotion Minor (p. 354)

Subjects in this department include: Health (HLTH) (p. 337) and Physical Education (PHED) (p. 342)

Health (HLTH)

HLTH 10200 Medical Terminology (NLA)

The language of medicine is explored through study of the structure, use, and pronunciation of medical terms used to describe human anatomy, disease conditions, diagnostic tests, and treatment methods. (F-S,Y)

Attributes: HE1

3 Credits

HLTH 11000 War, Hunger, and Genocide: An International Health Perspective (LA)

An investigation of the cost — human and economic — of organized violence, including genocide, and the efforts being made to ameliorate or eliminate the devastation. Particular emphasis is placed on the role that can be played by health care professionals who believe that war may be a preventable phenomenon that can be eradicated by traditional public health methods that have triumphed over other major health problems in the past. (F,Y)

Attributes: AN2, AN3, DV, HE1, HM, LSCO, SO, TPJ, TQSF

3 Credits

HLTH 11300 Personal Health (LA)

Designed to provide expert knowledge about health and health care that is available to the individual. Emphasizes wellness and health promotion in areas that concern students such as exercise, stress, nutrition, weight management, contraception, intimate relationships, HIV infection, drugs, and alcohol. Prerequisites: Freshman or sophomore standing. (F-S,Y)

Attributes: 1, HE1, NS, SC, SO, TE, TIDE, TMBS

3 Credits

HLTH 11700 Foundations of Public Health (LA)

Introductory course that explores the evolution of public health; core and essential functions of public health; current public health policy issues; typical public health careers and responsibilities; and the role of public trust and ethics in public health. Prerequisites: Freshman standing or permission of the instructor. (F,S,Y)

Attributes: SO, TWOS

3 Credits

HLTH 12200 Emergency Health Care (NLA)

Provides emergency health care instruction in cardiopulmonary resuscitation and first aid. This course is strongly recommended for anyone interested in coaching, teaching, or camping. Successful completion of this course can result in American Red Cross certification in cardiopulmonary resuscitation and basic life support and standard first aid. (F-S,Y)

1 Credit

HLTH 13000 Healthy Viewings: Media, Medicine, and Health (LA)

Representations of medicine and health in popular culture. The meanings of these representations are studied in relationship to the building of stereotypes, development of policies, and framing of arguments in public discourse. Course includes extensive screening of examples from the media. (IRR)

3 Credits

HLTH 13901 Technology for the Professional Edge (LA)

Integration of instructional, communication, assessment, and computer concepts and skills necessary for the use of information technology in diverse physical activity and health settings. Includes introduction to the social and ethical issues inherent in the use of computers in health and school settings. A student may receive credit for only one of the following courses: COMP 11000, EXSS 13900, HLTH 13901. (F-S,Y)

Attributes: HE1, TE

3 Credits

HLTH 14000 Cyborgs, Clones, and Policy: New Technologies in Health and Medicine (LA)

Investigation and analysis of new medical and health technologies in the changing environment of health and medicine and how they affect policies for healing and prevention of illness and disease. Emphasis is given to the discourse of the body as a machine, its impact on health policies, and the effect of new technologies on relationships among health care providers, patients, and their families. Subjects include biotechnology, cloning, the Internet, digital medicine, and eugenics. (S,Y)

Attributes: HE1, LSCO

3 Credits

HLTH 15200 Introduction to Health and Physical Education (NLA)

Introduces students to the related disciplines of health education and physical education in U.S.K-12 public schools and society from historical and contemporary perspectives. Rationales for goals, standards, and national initiatives in each field will be stressed, as well as their relationship to the coordinated school health model. Students will explore the various duties of professionals in these fields as well as the variety of available career options. (F,Y)

Attributes: TE

3 Credits

HLTH 20100 Food and Society (LA)

Explores the significance of food in human life across time and across cultures. Examines the relationship of food to sociocultural, psychobiological, and ecological aspects of human life. Determinants of food choices, food systems, and socioeconomic and ecological implications are explored. Students emerge with insight and appreciation for the role of food as a means of self-expression and social exchange.

Prerequisite: Sophomore standing. (F,Y)

Attributes: AN2, AN3, HE1, SO, TIDE, TWOS

3 Credits

HLTH 20200 Human Nutrition (LA)

An introduction to the field of human nutrition. Includes the study of human nutritional needs and the attainment of health through an adequate diet. Topics such as obesity, sport nutrition, eating disorders, and the use of nutritional supplements are critically reviewed. Issues relating to diet, ethnicity and health, world hunger, nutrition, and disease prevention are explored. The use of a computerized diet analysis database enables students to assess the adequacy of their own diets.

Prerequisites: EXSS 12000, BIOL 11500, BIOL 11900, BIOL 12100, CHEM 11100, or CHEM 12100; sophomore standing. (F,S,Y)

Attributes: 1, AN2, ESTS, HE1, NS

3 Credits

HLTH 20300 Consumer Health (LA)

This course prepares students to understand health care from the consumer's perspective, including understanding the role of consumer theories, health behavior models, and the attitudes and activities of consumers in the health care industry. The philosophy and language of consumerism and the social, political, and ethical implications of consumerism in health are explored. The implications for policy and practice of the use of the consumerism model in health care are examined. Attention is given to existing research and theoretical models of insurance concepts, the individual purchase of health care, and newer consumer trends such as self-diagnosing, purchasing health products via the Internet, and the whole-scale industry movement toward consumer-directed health care. (F,Y)

Attributes: SO, TWOS

3 Credits

HLTH 20400 Economics of Health Care (LA)

Peculiar economic characteristics of the health care industry. Supply of and demand for health care services; causal and remedial forces of institutionalized frameworks, market mechanisms, and governmental intrusions. Analysis of pricing in terms of the above forces and productivity. Ideal economic characteristics of medical insurance, as contrasted with several proposals for national health insurance. Production for national health insurance. Production function, cost-effectiveness, and benefit-cost analysis. Cross-listed with ECON 20400; students cannot receive credit for both ECON 20400 and HLTH 20400.

Prerequisites: ECON 12100 and ECON 12200. (S,Y)

Attributes: LMEL, LSCO

3 Credits

HLTH 20500 Critical Health Issues (LA)

Examination of the health workforce, medical education, medical specialization, the rising cost of care, voluntary and governmental health insurance, health care delivery systems, and health care for the poor. (F,S,Y)

Attributes: CNSL, DV, LAEL, LMEL, LMSP, LSCO, SO, SS, TE, TWOS

3 Credits

HLTH 20800 Viral Diseases of the World (LA)

This course will describe the structure, transmission, replication, prevention and treatment, and associated pathology of viruses. Specific focus on the historical, cultural and economic impact of clinically significant DNA and RNA viruses such as HIV, influenza, HPV, hepatitis, Ebola and norovirus. Prerequisites: Sophomore standing. (S)

Attributes: HE1

3 Credits

HLTH 21300 Wellness: Multicultural Perspectives on Health and Healing (LA)

An overview of the dynamic nature of the wellness movement. Its historical, social, political, cultural, and economic variables are critically examined. A wide range of wellness modalities, including those that fall under manual, mind-body, herbal, movement, and bioelectrical fields of practice, are included. Cross-cultural paradigms of health and healing are examined and compared. Prevention of chronic disease and health promotion are integrated into the concept of wellness, and disease etiologies and treatments are presented from multiple perspectives. The implications of and opportunities for prevention specialists in schools and communities are emphasized. Prerequisites: Sophomore standing. (F,S,Y)

Attributes: AASE, ADPL, ADSE, AN2, HE1, LXME, NASE, RPRE, TE

3 Credits

HLTH 21400 Sustainable Living: A Holistic Approach to Health (LA)

Focuses on holistic health using environmental sustainability approaches with multi-disciplinary perspectives on environmental issues and its relation to public health. Personal, social, economic, political, and environmental aspects of making sustainable choices in everyday life will be explored based on the database inquiry. The principles and practices of behavior change and pedagogies ingrained in theory and principles of environmental sustainability will be explored. The methods used to assess and evaluate the consequences of consumption (included but not limited to food) and lifestyle decisions will be discussed. Students will work individually and in groups by using experiential learning approaches to examine how to make sustainable choices, exercise personal accountability, and promote health. Prerequisites: Sophomore standing. (F,S,Y)

Attributes: HE1, SC, SO, TPJ, TQSF

3 Credits

HLTH 21700 Epidemiological Approaches to Disease Prevention and Control (LA)

Examines the history, principles, and practices in the cause, prevention, and control of diseases. Epidemiologic terminologies and measures such as morbidity, mortality, fertility, descriptive and analytic epidemiology, screening, infectious disease, and occupational epidemiology in public health practice will be covered. Prerequisites: MATH 15500 or MATH 14400 or MATH 14500 or MATH 21600. (F-S,Y)

3 Credits

HLTH 22400 Emergency Health Care Instructor (NLA)

Training for entry-level instructors of American Red Cross cardiopulmonary resuscitation (CPR) for the professional rescuer, of community CPR, and of community first aid and safety. During the semester, students are required to complete the instructor candidate training segment that is offered at a time designated by the instructor. Includes teaching methods, materials, and practice. Prerequisites: Current American Red Cross CPR for the professional rescuer, community CPR, and community first aid and safety certificates. (F-S,Y)

2 Credits

HLTH 22600 Health Communication (LA)

Introduction to the study of health communication, including its origins, development, and status. Introduction to theories of health behavior and communication and to how they relate to one another in practice. Examination of communication between health professionals and clients and of the role media play in the health care industry and the delivery of health services. Prerequisites: Sophomore standing or above. (F,Y)

Attributes: HE1, LSCO, SS

3 Credits

HLTH 22700 Stress: Its Nature and Management (LA)

Overview of the nature and physiology of stress and techniques used to manage stress. Topics include stress physiology, social engineering, cognitive restructuring, conflict resolution, time management, self-help techniques, nutrition, exercise, and relaxation techniques such as meditation, progressive relaxation, and autogenic training. Prerequisites: Sophomore standing. (F,S,Y)

Attributes: HE1, SC, SO, TIDE, TMBS

3 Credits

HLTH 22800 Human Sexuality (LA)

Promotes a critical perspective of contemporary issues associated with human sexuality. The importance of healthy behavioral practices and responsible decision making concerning sexuality is emphasized. Content areas include contraception and birth control, pregnancy and childbirth, sexually transmitted infections, gender and gender roles, ethnicity and sexuality, sexual anatomy and physiology, sexual response, sexual expression, sexual orientation, relationships, and sexuality over the life span. (F,S,Y)

Attributes: 1, AN2, HE1, SO, SS, TIDE, TMBS, WGS, WGS1

3 Credits

HLTH 22900 Disease and Lifestyle (LA)

Focuses on the leading causes of morbidity and mortality in the world, with and emphasis on the United States. Emphasis is on health promotion through awareness of risk factors associated with these diseases. Topics reviewed include etiology, symptoms, morbidity and mortality rates, prevention, and commonly used methods of diagnosis and treatment. The course will include opportunities for hands-on learning and skill development in best practice screening techniques that are used in primary care settings (e.g., blood pressure, cholesterol, glucose monitoring). Prerequisites: Sophomore standing. (F-S, Y).

Attributes: 1, HE1

3 Credits

HLTH 23400 Fitness Applications for Health Promotion (NLA)

Incorporates basic kinesiological, biomechanical, and physiological principles and concepts with practical applications for physical activity, health-related fitness, and health promotion. Clinical procedures include body composition measurement, submaximal oxygen uptake testing, assessing blood pressure, calculating body mass indexes, and cholesterol screening. A major emphasis is the assessment of health-related fitness and the prescription of various types of physical activities for children, adolescents, and adults. Prerequisites: EXSS 12000; EXSS 12100. Students can receive credit for HLTH 23400 or PHED 23400, not both. (S,Y)

4 Credits

HLTH 24000 Health Promotion and the Older Adult (LA)

Health promotion and prevention strategies that allow people to extend and improve the quality of their lives. Through an interdisciplinary approach, health-related factors that affect older persons as they age are studied. Prerequisites: HLTH 11300 or GERO 10100. (IRR)

Attributes: 1

3 Credits

HLTH 25000 Global Health (LA)

Study of public health and health care issues across national borders and how they affect the entire globe, including the future health of the planet. Public health and health care delivery in certain nations are also studied.

Prerequisites: One social science course. (S,Y)

Attributes: AN2, AN3, DV, LMEL, LMSP, LSCO

3 Credits

HLTH 30000 China: Culture, Health, Healing and Sport (LA)

Introduction to the philosophy and practice in health, prevention and rehabilitation, sport and physical education in China from a historical and cultural perspective. Prepares students for a short-term study abroad opportunity in China (optional). Prerequisites: Junior standing or sophomore who has taken a HLTH course at the 20000-level. (S,IRR)

Attributes: AN2, AN3

1 Credit

HLTH 30100 Lifecycle Nutrition (LA)

Explores an ecological perspective on nutrition. Examines the unique needs and concerns of each stage of the human lifespan, including prenatal, infant, child, adolescent, adult, older adult, pregnancy, and lactation. Students examine nutritional issues that are relevant to healthy growth and development, disease prevention, and optimal well-being at all ages. Prerequisites: HLTH 20200. (F,Y)

Attributes: HE1

3 Credits

HLTH 30500 Community Nutrition: Global Perspectives (NLA)

Explores function of community nutrition including monitoring, assessment, and the role of nutrition in health disparities. Students learn to plan interventions and evaluate programs. Prerequisites: HLTH 20200 and HLTH 30100. (S,Y)

Attributes: SL

3 Credits

HLTH 30600 Counseling for the Health Professions (NLA)

Theory and application of health counseling with focus on health behavior change, disease and wellness. Explores factors associated with the direction of advice and decision making in the development and maintenance of individual health and wellness. Provides means for incorporating positive health practices, courses of action, and guidance in health promotion programs, health care encounters, and health education. Course draws on base of health content and theory courses to develop a core set of career-specific useable skills. Prerequisites: HLTH 21300, HLTH 22900, and junior standing. (S, Y)

Attributes: HE1

3 Credits

HLTH 30900 Study Abroad in China: Culture, Health, Healing and Sport (LA)

This is a study abroad experiential learning course. Students will travel to China and explore and experience Chinese culture, rehabilitation and health promotion in a practical setting. Students will have hands-on learning opportunities under certified traditional Chinese medicine professionals such as acupuncture, massage, cupping, Tai Chi, and calligraphy. Prerequisites: HLTH 30000. (Sum, IRR)

Attributes: AN2, AN3

2 Credits

HLTH 31000 Microbiology for the Health Sciences (LA)

Explore the world of human-microbe interactions. Study mechanisms of disease transmission and pathogenicity of infectious agents. Understand how antimicrobials work; understand antibiotic, detergent, disinfectant resistance and propose alternative mechanisms for managing microbial growth. Understand basic concepts of bacterial gene expression and its application in the field of biotechnology. Analyze how natural disasters facilitate outbreaks. Understand the mechanisms behind vaccination. Apply principles of metabolism and contamination to analyses of food safety. Prerequisites: BIOL 11900, BIOL 12100, or EXSS 12100; and any 200-level HLTH course. (F,Y)

Attributes: BIEL, HE1

3 Credits

HLTH 31100 Microbiology for Health Sciences Laboratory (LA)

Master basic microbiological laboratory technical skills including aseptic technique, inoculating microbial cultures, enumerating, isolating, and identifying microorganisms. Gain introductory skills in molecular biological techniques. Analyze cases, synthesize data, and select appropriate tools for microbial identification. Prerequisites: BIOL 11900, BIOL 12100, or EXSS 12100; and any 200-level HLTH course; and HLTH 20700 or HLTH 31000 (may be taken concurrently). (F,Y)

Attributes: BIEL, HE1

1 Credit

HLTH 31200 Inequalities in U.S. Health Care (LA)

Introduces the historical, political, economic, social and environmental factors that drive inequalities in the U.S. health care system. Highlights the role of race, ethnicity and culture; socioeconomic status; geography/residential segregation; gender, sexual preference and identity; immigration status; health literacy and other factors on health inequalities. Enables students to critically analyze the multiple pathways in which discrimination impacts health status, access to, and quality of care and identify conceptual models and frameworks for reducing and/or eliminating health care disparities. Prerequisites: Junior standing or sophomore who has taken a social science or HLTH course at the 200-level. (F,S,Y)

Attributes: ADSE, AN2, AN3, DV, LMEL, LSCO

3 Credits

HLTH 31500 Family Health Problems (LA)

Theory and research on family composition and its dynamic nature are critically examined with research and surveillance data on youth and families. Issues of identity, gender, race, class, sexual orientation, socioeconomic status, and community are related to family health. Preference is given to health education and physical education majors. Prerequisites: Major or minor; junior standing. (S,Y)

Attributes: HE1, SS, WGS, WGS3

3 Credits

HLTH 31600 Health Research and Analysis (LA)

Theoretical and philosophical bases for conducting research in health. Identifies and utilizes research methods in social and behavioral sciences, including quantitative, qualitative, and epidemiological methodologies. The objective is to assist students in the development of active skills, which include identifying key research issues in health, working through their analysis, and understanding the intellectual, practical, ethical, and political implications of different methods of research in health. Prerequisites: MATH 14400, MATH 14500, MATH 15500, or MATH 21600; HLTH 20500 or HLTH 21300; and junior standing. (F,S,Y)

Attributes: HE1, QL, SS, TE

3 Credits

HLTH 31700 Community Health (LA)

Provides an overview of community development strategies most frequently used in health promotion and health education programs. Emphasis is placed upon the processes of community organizing and developing critical awareness/consciousness as educational methods in public health. The course is designed to provide students with theoretical foundations, methods, and skills essential to professional community health education practice. Prerequisites: HLTH 21700 and junior standing. (F,Y)

Attributes: TE, WGS, WGS3

3 Credits

HLTH 32600 Health Planning and Administration (NLA)

Integrates general management principles with strategic planning in health care organizations. Data systems, forecasting, and problem identification and analysis are explored, along with the stages of strategic planning. Emphasis is placed on identifying strategic issues in complex environments and formulating realistic responses. Students prepare actual applications for new programs to regulatory agencies. Prerequisites: HLTH 20500 and one GBUS or MGMT course. (S,Y) Attributes: HE1, TE

3 Credits

HLTH 33000 Health Promotion in the Workplace (NLA)

Development of a hierarchy of program needs and objectives for worksite health promotion. Students design needs-assessment instruments and develop work programs based on the needs identified by the population surveyed. The course also addresses issues surrounding program evaluation. Prerequisites: PSYC 33400, HLTH 11300, or MKTG 31200. (IRR)

Attributes: HE1

3 Credits

HLTH 33300 Development and Evaluation of Health Programs (NLA)

Prepares students with background information on how to design, implement, and evaluate health education and health promotion programs. "Quality of life" issues are evaluated to establish links between social problems and specific health problems. Several methods are employed to evaluate these programs. Prerequisites: Junior standing and HLTH 10600 or HLTH 15200; at least two HLTH 20000 level courses. (Y) Attributes: TE

3 Credits

HLTH 33510 Legal and Ethical Issues in Health Policy (LA)

An examination of legal and ethical issues related to health care. Topics include the equitable distribution of scarce resources, the relationship between individual consumers and powerful (frequently for-profit) third party payers, and the government's role at all levels in regulating health care and protecting the public from potentially fraudulent or abusive providers. Prerequisites: PHIL 21200 or PHIL 23000; HLTH 20500; WRTG 10600 or ICSM 108XX, or ICSM 118XX. (F,S,Y)

Attributes: LMSP, TE, WI

3 Credits

HLTH 34900-34901 Fieldwork in Health (NLA)

Practical experiences in public, voluntary, or commercial health agencies. Provides the opportunity to become involved in various agency functions. Prerequisites: Junior standing; permission of department chair. Repeatable for up to (F-S,Y)

Attributes: TE

0.5-6 Credits

HLTH 35000 Drug Use and Abuse (LA)

Promotes critical thinking about many implications of the use of mind-altering drugs within our society. An interdisciplinary approach is used to study aspects of social, cultural, mental, emotional, physical, and spiritual health related to drugs, society, and human behavior. Course content includes, and is not limited to, alcohol, tobacco, legal and illegal substances. Prerequisites: Junior standing. (F-S,Y)

Attributes: HE1, SS

3 Credits

HLTH 36000 Curriculum and Materials in Health Education (NLA)

Examination of the philosophical, theoretical, and practical aspects of curriculum development related to health program planning. Consideration is given to curricular scope and sequence. Students demonstrate their ability to develop unit plans, block calendars, and lesson plans. Existing prepackaged curriculum models are evaluated. Prerequisites: EDUC 21010; nine credits in HLTH xxxxx courses. (F,Y) Attributes: TE

3 Credits

HLTH 39900-39906 Selected Topics in Health (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR)

1-3 Credits

HLTH 40300 Nutritional Care and Therapeutics (NLA)

Provides overview of role of nutrition professional as a member of the health care team. Students explore best practice techniques for nutrition assessment and health diagnoses; application of theoretical models of nutrition behavior and intervention to individual case studies; guidelines for client education, monitoring and documentation; and frameworks of nutrition practice within allopathic, complementary, and alternative health care models. Nutritional supplement use and diet planning are explored via case study. Students critically analyze the development, effect, method, application, and efficacy of current standards for nutrition intervention. Prerequisites: Senior standing; HLTH 22900, HLTH 30100, HLTH 30500, HLTH 30600. (F,Y)

3 Credits

HLTH 41700 Front Page Public Health: Policy and Epidemiology (LA)

History and theories of the public health perspective. Detailed analysis of major contemporary public health issues in the context of political, economic, and social factors. Theories and uses of epidemiology as a descriptive, analytical, and political tool of public health. Community, regional, national, and international public health policies are studied and evaluated. Attention is paid to current public health issues in the news. Prerequisites: HLTH 21700 and HLTH 31700. (F,Y)

3 Credits

HLTH 42000 Teaching Strategies in Health Education (NLA)

Designed for prospective health educators as a comprehensive background for health instruction in elementary, secondary, and community settings. Students acquire the knowledge and skills necessary to plan, deliver, and assess learning experiences and activities incorporating strategies that target multiple intelligences, learner diversity, cooperative education, curriculum integration, and skill acquisition as they relate to health education. Prerequisites: HLTH 33300 or HLTH 36000. (S,Y)

Attributes: HE1, TE

3 Credits

HLTH 43900 Assessment in Health Education (NLA)

Prepares class members to assess student learning in K-12 health education settings. Through a combination of lecture, labs, discussion, and field-based activities, opportunities are provided to understand and apply current educational testing and evaluation procedures. Course content includes study of the criteria for selection of tests, application of statistical procedures, construction and analysis of assessment tools, procedures for classification and grading of students, and program assessment techniques. Credit will not be granted for both this course and PHED 43900. Prerequisites: PHED 33200, HLTH 33300, or HLTH 36000. (F,Y)

Attributes: TE

3 Credits

HLTH 44100 Student Teaching in Health Education (NLA)

Observation and supervised student teaching. Assignment to approved cooperating schools full-time for one semester in the senior year. Required of all students preparing to teach health education in elementary or secondary schools. Prerequisites: Current American Red Cross CPR and first-aid card; EDUC 21010; HLTH 42000; EDUC 34000. (F-S,Y)

10 Credits

HLTH 44400 Leadership and Health Promotion (LA)

Explores the interconnected nature of leadership operating within the synergy of perspectives involved in health promotion. Examination of collective and interdisciplinary theories and approaches to problem solving, relationship building and transformation in health promotion. Leadership is explored through directed inquiry of case studies. Challenges to promoting health in individuals, communities, and society are considered. Prerequisites: HLTH 33510 or HLTH 31600. (S,Y)

Attributes: CP

3 Credits

HLTH 44500 Student Teaching in Health Education (dual major) (NLA)

Observation and supervised student teaching. Assignment to approved public schools full-time for a half semester in the senior year. Experience in structured observation, classroom assisting, and direct instruction; additional experience in planning, conferencing, and related school duties outside regular class periods. Individual conferences are held with Ithaca College supervisors of field experiences. Required of all dual health education and physical education majors. Prerequisites: Current American Red Cross CPR and first-aid card; EDUC 21010; HLTH 36000; HLTH 42000; EDUC 34000. (F-S,Y)

Attributes: TE

5 Credits

HLTH 44800 Seminar in Health Education (NLA)

An opportunity for student teachers or internship participants to analyze and discuss individual and general problems related to their experiences. Current trends and issues confronting the prospective health education professional, such as issues regarding changes in the profession, teaching credentials, and job opportunities, are also addressed. Corequisites: HLTH 44100 or HLTH 44900. (F,S,Y)

Attributes: CP, TE

2 Credits

HLTH 44900-44901 Internship in Health (NLA)

Supervised, full-time experience in a health agency during the summer or regular academic semester. Content of internship should reflect the student's concentration area (i.e., gerontology, substance abuse services, worksite health promotion, nutrition, or PIC). Prerequisites: Current American Red Cross CPR and first aid card; junior or senior standing; permission of department chair. 6-(F-S,Y)

6-12 Credits

HLTH 45200-45203 Independent Study in Health (LA)

An individual study program for the investigation of special problems in the field of health. A written report is required. Prerequisites: Senior standing; permission of instructor and department chair. (F-S,Y)
1-3 Credits

HLTH 45300 Supervised Research (NLA)

Empirical research on a health topic selected in consultation with instructor. A written report is required. Course may be repeated for up to Prerequisites: At least three courses in health; permission of instructor and department chair. (F-S,Y)
1-3 Credits

HLTH 48700 Multicultural Issues in Health (LA)

Addresses the issues of ethnicity, culture, and race as they relate to health. Examines a variety of intercultural issues, including power and oppression, and how they affect the lives of children, adults, and families living in the United States. Prerequisites: HLTH 31700, HLTH 33510. (S,Y)
Attributes: AN2, AN3, DV, HE1
3 Credits

Physical Education (PHED)

PHED 10100 Teaching Strategies in Physical Education (NLA)

Introduces students to basic pedagogical skills relative to the successful teaching of physical education in a school setting. Topics include, but are not limited to, lesson planning, voice projection, physical movement in the teaching area, and effective transitions. The use of videotaped mini-lessons throughout the semester will encourage students to practice these teaching techniques, as well as to develop reflective and analytical skills in relation to their teaching. For physical education and health and physical education majors/coaching minors. (S,Y)

Attributes: TE

1 Credit

PHED 14400 Fundamentals of Dance and Movement (NLA)

This course will prepare the future teacher in the area of movement development, through basic dance. Emphasis will be placed on the teaching of dance in the public school setting, in both secondary and primary grades. Although there is a dance skill component, the majority of the class focuses on knowledge about pedagogy of fundamental movements in dance and progressions. Students will learn teaching progressions to be effective in the public school setting. (S,Y)

1 Credit

PHED 17800 Fundamental Movement Concepts Gymnastics (NLA)

This course will prepare the future teacher in the area of movement development, through basic gymnastics. Emphasis will be placed on the teaching of gymnastics in the public school setting, with particular focus on the primary grades. Although there is a movement component, the majority of this course will be cognitively based. Students will learn teaching progressions and deal with learning effectiveness in the public school setting. (S,Y)

1 Credit

PHED 20200 Teaching Goal-Oriented Games in Physical Education (NLA)

Introduces students to a tactical model/approach to higher-level games play, focusing specifically on the offensive and defensive strategies and skills common to goal-oriented games (e.g. soccer, football, lacrosse, basketball, handball). Corequisites: PHED 23000. (S, Y)

1 Credit

PHED 20400 Teaching Net/Wall Games in Physical Education (NLA)

Introduces students to a tactical model/approach to higher-level games play, focusing specifically on the offensive and defensive strategies and skills common to net/wall games (e.g. volleyball, tennis, racquetball, paddleball). Prerequisite: Sophomore standing. (F,Y)

1 Credit

PHED 20500 Teaching Target and Fielding Games in Physical Education (NLA)

Introduces students to a tactical approach to higher-level games play, focusing specifically on the offensive and defensive strategies of target and fielding games (e.g., softball, baseball, archery, golf, bowling).

Prerequisites: PHED 10100. (F,Y)

1 Credit

PHED 20700 Teaching Outdoor Pursuits and Contemporary Activities (NLA)

Introduces students to the basic principles involved in teaching outdoor pursuits and adventure education as part of the elementary and secondary physical education programs. Depending on the season, activities include basic rock climbing, mountain biking, cross country skiing, challenge course facilitation and/or backcountry travel techniques for different age groups and diverse populations. Prerequisites: HITH 15200. (S,Y)

1 Credit

PHED 20800 Teaching Individual Activities in Physical Education (NLA)

Introduces students to the basic principles involved in the planning, teaching, and assessment of a variety of individual activities taught as part of the secondary physical education curriculum. Activities include, but are not limited to, yoga, wrestling, personal defense, fencing, and track/field. Prerequisite: Sophomore standing. (F,Y)

1 Credit

PHED 21200 Motor Skills Development (NLA)

Students will be introduced to the fundamental theories and principles related to the motor, cognitive, and affective development of humans throughout the life span, with emphasis on children and adolescents. Detailed analysis of fundamental movement skills and their relationship to effective, developmentally appropriate movement programs will be explored. Students will demonstrate critical analysis of movement programs and compare and contrast them with best practice. Laboratory experiences involving children and adolescents in school settings will allow students to observe the skills and theories in real-life situations. Prerequisites: HLTH 15200 or PHED 25500. (F-S, Y)

Attributes: TE

3 Credits

PHED 23000 Teaching Physical Activities in Elementary Physical Education (NLA)

Provides physical education teacher candidates with knowledge in the selection, planning, and implementation of developmentally appropriate physical activities for elementary school children. Introduces students to the "skill theme approach" to teaching games, gymnastics, and dance with an emphasis on the development and use of movement concepts in increasing physical activity as outlined by the National Standards for Physical Education. Emphasis is placed on developing an applied understanding of what to teach and practical lab experiences are included in the course. Prerequisites: PHED 10100 and HLTH 15200. (S, Y)

Attributes: TE

3 Credits

PHED 23400 Fitness Applications for Health Promotion (NLA)

Incorporates basic kinesiological, biomechanical, and physiological principles and concepts with practical applications for physical activity, health-related fitness, and health promotion. Clinical procedures include body composition measurement, submaximal oxygen uptake testing, assessing blood pressure, calculating body mass indexes, and cholesterol screening. A major emphasis is the assessment of health-related fitness and the prescription of various types of physical activities for children, adolescents, and adults. Prerequisites: EXSS 12000; EXSS 12100. Students can receive credits for HLTH 23400 or PHED 23400, not both. (S,Y)

Attributes: HE1

4 Credits

PHED 23500 Teaching Fitness in Physical Education (NLA)

Introduces students to the teaching and assessment of fitness concepts to children in the K-12 school setting. Emphasis is placed on the practical application, teaching, and assessment of the components of physiological aspects of fitness to children. Topics include the contemporary goals of and background to fitness education, developmentally and instructionally appropriate principles for teaching and assessing fitness, the use of technology in the instruction and assessment of fitness, using various testing batteries, the reporting of fitness results, and the use of goal setting as a motivational tool for improving one's fitness. This course will allow students to become nationally certified as a physical best health-fitness specialist. Corequisites: Prior or concurrent enrollment in PHED 23400. (F-S, Y)

1 Credit

PHED 25500 Philosophy and Principles of Coaching (NLA)

The philosophy and principles of coaching young athletes. Emphasis is placed on development of a coaching philosophy through critical examination of issues relating to coaching. Coaching responsibilities, developmental characteristics of children and youth, and their implications for the conduct of athletic programs, instructional and administrative methods, effective design and conduct of practices, and enhancement of contest performance are also discussed. Prerequisites: Sophomore standing. (F-S,Y)

3 Credits

PHED 25600 Health Sciences Applied to Coaching (NLA)

The application of modern principles of the health sciences as they relate to youth coaching (up to 12th grade) including exercise physiology, kinesiology, sport psychology, and nutrition. Human growth and development, safety, first aid, training, and conditioning of youth athletes are covered. Prerequisite: PHED 25500 or concurrent enrollment. (F-S,Y)

3 Credits

PHED 33000 Adapted Physical Education and Sport (NLA)

Provides students with an understanding of individuals with disabilities. Students learn to adapt physical education activities to meet the abilities of an individual with special needs in order to provide a safe and successful learning experience. Topics addressed include, but are not limited to, philosophical approaches to teaching students with disabilities, legislation affecting the adapted physical education program, the process of identifying students with disabilities in the public school system, and development of the individual education plan. Laboratory experiences include working weekly with students with disabilities in an aquatics program. Prerequisites: PHED 21200. Corequisites: PHED 33200 or PHED 33300. (F-S,Y)

3 Credits

PHED 33200 Curriculum and Methods in Elementary School Physical Education (NLA)

Provides students with practical guidelines for the development and assessment of contemporary elementary physical education programs. Pedagogical skills and strategies for successful teaching as they pertain to the elementary school teaching situations are also emphasized. Developmentally appropriate physical education content using a movement framework (movement concepts and skill themes) serves as the basis for the course, which involves practicum teaching experiences in local elementary schools. Prerequisites: EDUC 21010; PHED 23000; junior or senior standing. (F,Y)

Attributes: TE

3 Credits

PHED 33300 Curriculum and Methods in Secondary School Physical Education (NLA)

Analysis of the program of physical education in secondary schools; criteria for the selection and grade placement of activities; consideration of methods and teaching techniques; and problems relating to program planning, time allotment, administration of facilities, and program evaluation. Observation and teaching of secondary physical education classes in the Ithaca school system, as well as micro-peer teaching on campus. Prerequisites: Junior or senior standing; EDUC 21010. (S,Y)

Attributes: TE

3 Credits

PHED 34900 Fieldwork in Physical Education (NLA)

Practical experience in public, voluntary, or commercial agencies or businesses providing various types of physical education, sports-related activities, or services. Prerequisites: Major or minor in the Department of Health Promotion and Physical Education or the Department of Exercise and Sport Sciences; junior standing or above; permission of department chair. (F-S,Y)

Attributes: TE

1-6 Credits

PHED 37400 Coaching Seminar-Field Hockey (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 37600 Coaching Seminar-Swimming (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 38500 Coaching Seminar - Track & Field (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 38600 Coaching Seminar-Soccer (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 38700 Coaching Seminar-Wrestling (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 38800 Coaching Seminar-Lacrosse (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 39900-39903 Selected Topics in Physical Education (LA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR)

Attributes: NLA

1-3 Credits

PHED 42000-42003 Independent Study in Sport Skills (NLA)

Prerequisites: Major or minor in Department of Health Promotion and Physical Education; PHED 33200 or PHED 33300; permission of department chair. 0.5-(F-S,Y)

0.5-1 Credits

PHED 43900 Assessment in Physical Education (NLA)

Prepares students to assess student learning in a K-12 physical education setting. Through a combination of lectures, labs, discussions, and field-based activities, opportunities are provided to understand and apply current educational testing and evaluation procedures. Course content includes study of the criteria for selection of tests, application of statistical procedures, construction and analysis of assessment tools, procedures for classification and grading of students, and program assessment techniques. Credit will not be given for both this course and HLTH43900. Prerequisites: PHED 33200, PHED 33300, or HLTH 36000. (FY)

(FY)

Attributes: TE

3 Credits

PHED 44000 Organization and Administration of Physical Education (NLA)

Policies and procedures in the organization and administration of physical education and athletics in the public school setting. Directed discussions and investigation of the nature and scope of administrative responsibilities in programs of physical education and athletics. Prerequisites: PHED 33200 or PHED 33300, or permission of instructor. (FY)

(FY)

Attributes: UND

3 Credits

PHED 44100 Student Teaching in Physical Education (NLA)

Observation and supervised student teaching. Assignment to approved, cooperating schools full-time for one semester in the senior year.

Experience in classroom observation, participation, teaching, coaching, and intramural and noon-hour supervision. Individual conferences with Ithaca College coordinators of field experiences. Required of all students preparing to teach physical education in elementary or secondary school.

Prerequisites: Current American Red Cross CPR and first-aid card; EDUC 21010; PHED 33200; PHED 33300; EDUC 34000. (F-S,Y)

Attributes: TE, UND

10 Credits

PHED 44500 Student Teaching in Physical Education (dual major) (NLA)

Observation and supervised student teaching. Assignment to approved, public schools full-time for a half semester in the senior year. Experience in structured observation, classroom assisting, and direct instruction; additional experience in planning, conferencing, and related school duties outside regular class periods. Individual conferences are held with Ithaca College supervisors of field experiences. Required of all dual health education and physical education majors. Prerequisites: Current American Red Cross CPR and first-aid card; EDUC 21010; PHED 33200; PHED 33300; EDUC 34000. (F-S,Y)

Attributes: TE

5 Credits

PHED 44800 Professional Seminar (NLA)

A field course to be taken in conjunction with PHED 44100 Student Teaching in Physical Education. Examines current trends and developments in teaching and extracurricular activities, as well as situations identified in student teaching. Special interest speakers. (F,S,Y)

Attributes: CP, TE

2 Credits

PHED 45000-45003 Independent Study in Physical Education (LA)

Individual study program for investigation of special problems in the field of physical education. Written report required. Prerequisites: Permission of instructor and department chair. (F-S,Y)

Attributes: TE

1-3 Credits

PHED 46000 Internship in Physical Education (NLA)

Supervised work experience in a sports-related service agency or business during the summer or the regular academic year. Prerequisites: Minimum 2.50 cumulative GPA; junior standing or above; current American Red Cross CPR and first aid card; permission of the instructor and department chair. 6-(F-S,Sum,Y)

6-12 Credits

PHED 47400 Coaching Seminar-Volleyball (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 47500 Coaching Seminar-Gymnastics (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 47700 Coaching Seminar-Softball

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 48400 Coaching Seminar-Football (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. This course is repeatable up to four credits. (F-S,Y)

2 Credits

PHED 48500 Coaching Seminar - Men's Basketball (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

PHED 48800 Coaching Seminar-Baseball (NLA)

Provide an in-depth understanding of strategies, specific to each sport. Students in these seminars will work with experienced coaches to learn the skills necessary to provide guidance, leadership, and inspiration in the development of athletes and teams. It is recommended that you have some experience as a player, or with the sport specific to each seminar. (F-S,Y)

2 Credits

Health Education (Teaching) Major – B.S.

No additional students are being admitted to this program as of Fall 2021

This program prepares students to educate others about personal, family, and community health concerns, including maintaining good health and preventing illness. Graduates may teach health in elementary and secondary schools or serve in public health and social service agencies. The curriculum has a broad, interdisciplinary orientation that emphasizes the biological, psychological, and sociological aspects of health. A full semester of student teaching in the senior year is required in this program. The semester is divided into two separate placements, with one of the placements in a high needs school, as required by New York State. Students who complete this major qualify to take the national examination to be certified as health education specialists and are eligible to apply for initial teacher certification after successfully completing the appropriate examinations. New York certification requires the New York State Teacher Certification Examinations; other states may require the Praxis examination or another designated state teaching examination.

All candidates for initial teaching certification must attend workshops on child-abuse identification and prevention, school violence prevention, and Harassment, Bullying and Discrimination in Schools: Prevention and Intervention (DASA). The evening workshops are offered each semester. For more information about certification requirements, and for

information about fingerprinting requirements, see the “Office of Teaching and Certification (<http://www.ithaca.edu/actec/teachercert/>)” page of the Department of Education website.

Special Academic Status Policy for Health Education Majors

Acceptance into and retention in the health education major is subject to compliance with the following academic standards:

1. **GPA Requirement:** All students in teacher education programs in HPPE must have a cumulative 2.50 GPA at the end of each semester of their first year. Sophomores, juniors and seniors must maintain an overall 2.75 GPA at the end of each semester. If the cumulative GPA falls below the required standard, the student will be placed on program warning. The student will be provided with one semester to attain the requisite cumulative GPA. Any student who fails to meet the standard for two consecutive semesters is subject to dismissal from the program.
2. **Demonstrated Success in Core Courses:** Students must receive at least a C in all required courses with an EDUC, PHED or HLTH designation and maintain a 2.50 GPA throughout their first year and 2.75 GPA throughout sophomore, junior and senior years. Failure to meet a C grade mandates repeating the course. Students will not be allowed to participate in student teaching (HLTH 44100 and HLTH 44800) until the student achieves a grade of C or above in EDUC, PHED or HLTH required courses.
3. **Student Teaching Application:** Students must file an application for student teaching during the year prior to the student teaching experience. The student is responsible for attending all department meetings and to respond to emails from the Coordinator of Student Teaching about the application, placement sites, and deadlines. The application for student teaching requires that the student possess a current American Red Cross CPR card.
4. **Student Teaching Grade:** Students may not complete the program with a grade lower than a B in the following courses. The degree cannot be granted if this standard is not met.
 - a. HLTH 44100 Student Teaching in Health Education
 - b. HLTH 44800 Seminar in Health Education

Summary

Code	Title	Credits
General requirements		17
Professional health core		30
Professional health electives		9
Professional education		20
Integrative Core Curriculum ¹		25-26
Complementary Liberal Arts - Required		14
Free electives		4-5
Total Credits		120

¹ Please refer to “ICC (p. 319)” tab on our school's main page to see requirements.

Degree Requirements

Code	Title	Credits
GENERAL REQUIREMENTS		
SOCI 30800 or SOCI 30900	Counseling Theory and Dynamics Group Counseling	3
SOCI 10100	Introduction to Sociology	3
RLS 12500	Understanding Disability: Characteristics, Causes, Services	3
EXSS 12000	Anatomy and Physiology I	4
EXSS 12100	Anatomy and Physiology II	4
PROFESSIONAL HEALTH CORE COURSES		
HLTH 13901	Technology for the Professional Edge	3
HLTH 15200	Introduction to Health and Physical Education	3
HLTH 20200	Human Nutrition	3
HLTH 21300	Wellness: Multicultural Perspectives on Health and Healing	3
HLTH 22800	Human Sexuality	3
HLTH 22900	Disease and Lifestyle	3
HLTH 31500	Family Health Problems	3
HLTH 33300	Development and Evaluation of Health Programs	3
HLTH 35000	Drug Use and Abuse	3
HLTH 43900	Assessment in Health Education	3
PROFESSIONAL HEALTH ELECTIVES		
Select 9 credits of the following:		9
PSYC 32100	Abnormal Psychology	
PSYC 34200	Family Therapy	
SOCI 31600	Women and Health	
HLTH 10200	Medical Terminology	
HLTH 11300	Personal Health	
HLTH 12200	Emergency Health Care	
HLTH 20500	Critical Health Issues	
HLTH 22400	Emergency Health Care Instructor	
HLTH 22700	Stress: Its Nature and Management	
HLTH 31700	Community Health	
HLTH 33000	Health Promotion in the Workplace	
HLTH 41700	Front Page Public Health: Policy and Epidemiology	
HLTH 399xx	Selected Topics in Health	
HLTH 452xx	Independent Study in Health	
GERO 10100	Introduction to Aging Studies	
PROFESSIONAL EDUCATION COURSES		
EDUC 10200	Reading Foundations	2
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
HLTH 36000	Curriculum and Materials in Health Education	3

HLTH 42000	Teaching Strategies in Health Education	3
HLTH 44100	Student Teaching in Health Education	10
HLTH 44800	Seminar in Health Education ¹	2
COMPLEMENTARY LIBERAL ARTS - REQUIRED		
EDUC 21010	Educational Psychology	3
EDUC 22900	Second Language Acquisition: Its Nature and Meaning for Educators	2
EDUC 34000	Social and Cultural Foundations of Education	3
Language elective ²		6
Total Credits		90

¹ Counts as ICC Capstone.

² Based on proficiency, 6 credits in the same language other than English (including American Sign Language). Placement in 10100 requires 6.0 credits of language; placement in 10200 requires 3.0 credits of language and 3.0 credits of additional LA credits; and placement in 20100 requires 6.0 credits of additional LA credits.

Health Education and Physical Education (Teaching) Major – B.S.

No additional students are being admitted to this program as of Fall 2021

The dual major in health education and physical education enables students to become certified to teach in two areas. On graduation, students are eligible for New York State initial teacher certification in both health education and physical education. This dual certification offers increased professional opportunities, and it meets the needs of students who desire to teach both health education and physical education in the public schools of New York State. Students who complete the dual major are eligible to apply for teacher certification after successfully completing the appropriate examinations. New York certification requires the New York State Teacher Certification Examinations; other states may require the Praxis examination or other designated state teaching examination.

Coursework includes strong preparation in the liberal arts, health and exercise sciences, physical education, teacher education, professional theory, and professional skills. A full semester of student teaching in the senior year is required. This is divided into two placements. New York State requires one of the placements to be in a high needs school. It should be noted that because this program prepares students in two areas, there is relatively little room left for electives. For those students whose career interests lie within these areas, however, this program offers considerable depth in two highly related areas, within a challenging curriculum.

Medical clearance by Ithaca College's health center is required for participation in any activity course. Students who do not have such clearance will not be able to complete the requirements for this degree program.

All candidates for teaching certification must attend workshops on child-abuse identification and prevention, school violence prevention, and Harassment, Bullying and Discrimination in Schools: Prevention and Intervention (DASA). The evening workshops are offered each semester. For more information about certification requirements and for information about fingerprinting requirements, see the "Office of Teaching

and Certification (<http://www.ithaca.edu/actec/teacher-cert/>)" page of the Department of Education website.

Special Academic Status Policy for Health Education and Physical Education (Dual) Major

Acceptance into and retention in the health education and physical education major is subject to compliance with the following academic standards:

- GPA Requirement:** All students in teacher education programs in HPPE must have a cumulative 2.50 GPA at the end of each semester of their first year. Sophomores, juniors and seniors must maintain an overall 2.75 GPA at the end of each semester. If the cumulative GPA falls below the required standard, the student will be placed on program warning. The student will be provided with one semester to attain the requisite cumulative GPA. Any student who fails to meet the standard for two consecutive semesters is subject to dismissal from the program.
- Demonstrated Success in Core Courses:** Students must receive at least a C in all required courses with an EDUC, PHED or HLTH designation and maintain a 2.50 GPA throughout their first year and 2.75 GPA throughout sophomore, junior and senior years. Failure to meet a C grade mandates repeating the course. Students will not be allowed to participate in student teaching (PHED 44500, HLTH 44500 and HLTH 44800/PHED 44800) until the student achieves a grade of C or above in EDUC, PHED or HLTH required courses.
- Student Teaching Application:** Students must file an application for student teaching during the year prior to the student teaching experience. The student is responsible for attending all department meetings and to respond to emails from the Coordinator of Student Teaching about the application, placement sites, and deadlines. The application for student teaching requires that the student possess a current American Red Cross CPR card.
- Student Teaching Grade:** Students may not complete the program with a grade lower than a B in the following courses. The degree cannot be granted if this standard is not met.

Code	Title	Credits
HLTH 44500	Student Teaching in Health Education (dual major)	5
PHED 44500	Student Teaching in Physical Education (dual major)	5
HLTH 44800	Seminar in Health Education	2
or PHED 44800 Professional Seminar		

Summary

Code	Title	Credits
Exercise science component		8
Professional content and pedagogy: health education		30
Professional content and pedagogy: physical education		28
Professional education component		14
Integrative Core Curriculum ¹		25-26
Complimentary Liberal Arts - Required		14

Free electives	5-6
Total Credits	125

¹ Please refer to "ICC (p. 319)" tab on our school's main page to see requirements.

Degree Requirements

Code	Title	Credits
EXERCISE SCIENCE COMPONENT (LA)		
EXSS 12000	Anatomy and Physiology I	4
EXSS 12100	Anatomy and Physiology II	4
PROFESSIONAL CONTENT AND PEDAGOGY: HEALTH EDUCATION		
HLTH 13901	Technology for the Professional Edge	3
HLTH 15200	Introduction to Health and Physical Education	3
HLTH 20200	Human Nutrition	3
HLTH 21300	Wellness: Multicultural Perspectives on Health and Healing	3
HLTH 22800	Human Sexuality	3
HLTH 31500	Family Health Problems	3
HLTH 35000	Drug Use and Abuse	3
HLTH 36000	Curriculum and Materials in Health Education	3
HLTH 42000	Teaching Strategies in Health Education	3
PHED 43900	Assessment in Physical Education	3
or HLTH 43900	Assessment in Health Education	
PROFESSIONAL CONTENT AND PEDAGOGY: PHYSICAL EDUCATION		
PHED 10100	Teaching Strategies in Physical Education	1
PHED 14400	Fundamentals of Dance and Movement	1
PHED 17800	Fundamental Movement Concepts Gymnastics	1
PHED 20200	Teaching Goal-Oriented Games in Physical Education	1
PHED 20400	Teaching Net/Wall Games in Physical Education	1
PHED 20500	Teaching Target and Fielding Games in Physical Education	1
PHED 20700	Teaching Outdoor Pursuits and Contemporary Activities	1
PHED 20800	Teaching Individual Activities in Physical Education	1
PHED 21200	Motor Skills Development	3
PHED 23000	Teaching Physical Activities in Elementary Physical Education	3
PHED 23400	Fitness Applications for Health Promotion	4
PHED 23500	Teaching Fitness in Physical Education	1
PHED 33000	Adapted Physical Education and Sport	3
PHED 33200	Curriculum and Methods in Elementary School Physical Education	3

PHED 33300	Curriculum and Methods in Secondary School Physical Education	3
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PROFESSIONAL EDUCATION COMPONENT

EDUC 10200	Reading Foundations	2
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
HLTH 44500	Student Teaching in Health Education (dual major)	5
PHED 44500	Student Teaching in Physical Education (dual major)	5
PHED 44800	Professional Seminar ¹ or HLTH 44800 Seminar in Health Education	2

COMPLEMENTARY LIBERAL ARTS - REQUIRED

EDUC 21010	Educational Psychology	3
EDUC 22900	Second Language Acquisition: Its Nature and Meaning for Educators	2
EDUC 34000	Social and Cultural Foundations of Education	3
Language elective ²		6

Total Credits	94
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¹ Counts as ICC Capstone.

² Based on proficiency, 6 credits in the same language other than English (including American Sign Language). Placement in 10100 requires 6.0 credits of language; placement in 10200 requires 3.0 credits of language and 3.0 credits of additional LA credits; and placement in 20100 requires 6.0 credits of additional LA credits.

Physical Education (Teaching) Major – B.S.

No additional students are being admitted to this program as of Fall 2021

The program in physical education prepares students for initial New York State certification to teach at elementary and secondary school levels. Coursework includes strong preparation in the liberal arts, health and exercise sciences, teacher education, professional theory, and professional skills. A full semester of student teaching in the senior year is required in this program. New York State requires one of the placements to be in a high needs school. Students who complete the major are eligible to apply for teacher certification after successfully completing the appropriate examinations. New York certification requires the New York State Teacher Certification Examinations; other states may require the Praxis examination or another designated state teaching examination.

Medical clearance by the Ithaca College health center is required for participation in any activity course. Students who do not have such clearance will not be able to complete the requirements for this degree.

All candidates for teaching certification must attend workshops on child-abuse identification and prevention, drug and alcohol abuse, violence prevention, and Harassment, Bullying and Discrimination in Schools: Prevention and Intervention (DASA). The evening workshops are offered each semester. For more information about certification requirements

and for information about fingerprinting requirements, see the "Office of Teaching and Certification (<http://www.ithaca.edu/actec/teachercert/>)" page of the Department of Education website.

Special Academic Status Policy for Physical Education Majors

Acceptance into and retention in the physical education major is subject to compliance with the following academic standards:

- GPA Requirement:** All students in teacher education programs in HPPE must have a cumulative 2.50 GPA at the end of each semester of their first year. Sophomores, juniors and seniors must maintain an overall 2.75 GPA at the end of each semester. If the cumulative GPA falls below the required standard, the student will be placed on program warning. The student will be provided with one semester to attain the requisite cumulative GPA. Any student who fails to meet the standard for two consecutive semesters is subject to dismissal from the program.
- Demonstrated Success in Core Courses:** Students must receive at least a C in all required courses with an EDUC, PHED or HLTH designation and maintain a 2.50 GPA throughout their first year and 2.75 GPA throughout sophomore, junior and senior years. Failure to meet a C grade mandates repeating the course. Students will not be allowed to participate in student teaching (PHED 44100 and PHED 44800) until the student achieves a grade of C or above in EDUC, PHED or HLTH required courses.
- Student Teaching Application:** Students must file an application for student teaching during the year prior to the student teaching experience. The student is responsible for attending all department meetings and to respond to emails from the Coordinator of Student Teaching about the application, placement sites, and deadlines. The application for student teaching requires that the student possess a current American Red Cross CPR card.
- Student Teaching Grade:** Students may not complete the program with a grade lower than a B in the following courses. The degree cannot be granted if this standard is not met.

Code	Title	Credits
PHED 44100	Student Teaching in Physical Education	10
PHED 44800	Professional Seminar	2

Summary

Code	Title	Credits
	Health and exercise sciences	14
	Professional content and pedagogy: physical education	43
	Professional Education Component	14
	Integrative Core Curriculum ¹	25-26
	Complementary Liberal Arts - Required	14
	Liberal Arts electives	9-10
Total Credits		120

¹ Please refer to "ICC (p. 319)" tab on our school's main page to see requirements.

Degree Requirements

Code	Title	Credits
HEALTH AND EXERCISE SCIENCES		
HLTH 11300	Personal Health	3
or HLTH 21300	Wellness: Multicultural Perspectives on Health and Healing	
EXSS 12000	Anatomy and Physiology I	4
EXSS 12100	Anatomy and Physiology II	4
EXSS 24600	Prevention and Care of Athletic Injuries	3
PROFESSIONAL CONTENT AND PEDAGOGY: PHYSICAL EDUCATION		
HLTH 13901	Technology for the Professional Edge	3
HLTH 15200	Introduction to Health and Physical Education	3
PHED 14400	Fundamentals of Dance and Movement	1
PHED 17800	Fundamental Movement Concepts Gymnastics	1
PHED 10100	Teaching Strategies in Physical Education	1
PHED 20200	Teaching Goal-Oriented Games in Physical Education	1
PHED 20400	Teaching Net/Wall Games in Physical Education	1
PHED 20500	Teaching Target and Fielding Games in Physical Education	1
PHED 20700	Teaching Outdoor Pursuits and Contemporary Activities	1
PHED 20800	Teaching Individual Activities in Physical Education	1
PHED 21200	Motor Skills Development	3
PHED 23000	Teaching Physical Activities in Elementary Physical Education	3
PHED 23400	Fitness Applications for Health Promotion	4
PHED 23500	Teaching Fitness in Physical Education	1
PHED 25500	Philosophy and Principles of Coaching	3
PHED 33000	Adapted Physical Education and Sport	3
PHED 33200	Curriculum and Methods in Elementary School Physical Education	3
PHED 33300	Curriculum and Methods in Secondary School Physical Education	3
PHED 43900	Assessment in Physical Education	3
PHED 44000	Organization and Administration of Physical Education	3
PROFESSIONAL EDUCATION COMPONENT		
EDUC 10200	Reading Foundations	2
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
PHED 44100	Student Teaching in Physical Education	10

PHED 44800	Professional Seminar ¹	2
COMPLEMENTARY LIBERAL ARTS - REQUIRED		
EDUC 21010	Educational Psychology	3
EDUC 22900	Second Language Acquisition: Its Nature and Meaning for Educators	2
EDUC 34000	Social and Cultural Foundations of Education	3
Language elective ²		6
Total Credits		85

¹ Counts as ICC Capstone.

² Based on proficiency, 6 credits in the same language other than English (including American Sign Language). Placement in 10100 requires 6.0 credits of language; placement in 10200 requires 3.0 credits of language and 3.0 credits of additional LA credits; and placement in 20100 requires 6.0 credits of additional LA credits.

Health Care Management Major – B.S.

The mission of the Ithaca College Health Care Management program is to provide students with unique and innovative learning experiences directed at developing professionally competent entry-level health care managers. We combine critical thinking and practical skills with experiential learning to shape socially conscious leaders to be bold in their designs to change health care delivery for the better.

The health care management degree program prepares students to manage the sustainable delivery of clinical health care within a framework that seeks to reduce errors, manage costs, and support the demands on the supply chain. The program in health care management produces professionals who understand not only the financial transactions in the health care market but also the public policy, government, science and technology, and culture behind the institution of health care. Graduates of this program are well prepared to serve as administrators in health care organizations, insurance companies, and health care consulting firms.

In addition to the required and elective courses in this degree program, students must complete a minor in the School of Business.

The program's mission fits within the broader mission of the department, school, and College to develop bold thinkers engaged in learning with and from one another.

Summary

Code	Title	Credits
Health Care Management Degree Requirements		61
Integrative Core Curriculum ¹		16-19
Any minor in School of Business		15-24
Free Electives		16-28
Total Credits		120

¹ Please refer to "ICC (p. 319)" tab on our school's main page to see requirements.

Degree Requirements

Code	Title	Credits
Health Care Management Requirements		
Ethics course (choose 1)		
PHIL 21200	Introduction to Ethics	3
	or PHIL 23000 Bioethics	
Statistics course (choose 1)		
MATH 14400	Statistics for Business, Economics and Management (ICC - QL)	4
	or MATH 14500 Statistics for the Health, Life, and Social Sciences	
Economic courses		
ECON 12100	Principles of Macroeconomics	3
ECON 12200	Principles of Microeconomics	3
Health courses		
GERO 10100	Introduction to Aging Studies	3
HLTH 10200	Medical Terminology	3
HLTH 11700	Foundations of Public Health	3
HLTH 14000	Cyborgs, Clones, and Policy: New Technologies in Health and Medicine	3
HLTH 20300	Consumer Health	3
HLTH 20400	Economics of Health Care	3
	or ECON 20400 Economics of Health Care	
HLTH 20500	Critical Health Issues (ICC-DV)	3
HLTH 22600	Health Communication	3
	or CMST 22600 Health Communication	
HLTH 2xxxx-3xxxx	Health Electives (LA)	6
HLTH 32500	Health Care Payment Systems: Insurance, Financing & Strategy	3
HLTH 32600	Health Planning and Administration	3
HLTH 33510	Legal and Ethical Issues in Health Policy (ICC - WI)	3
HLTH 34900	Fieldwork in Health	6
	or HLTH 44900 Internship in Health	
HLTH 44400	Leadership and Health Promotion (ICC - Capstone)	3
Total Credits		61

Health Sciences Major – B.S.

The health sciences degree program is designed to prepare students for graduate study in a variety of health professions. The major combines knowledge from several disciplines related to health and disease. The health core focuses on scientific facts and principles pertinent to personal and community health. The integration of courses from the behavioral sciences helps students understand the psychological and sociological determinants of health. Courses in the natural sciences provide a strong foundation for future health professionals. A practicum provides real-world experiences linking education to service.

Health professionals must respect individual differences, communicate effectively, use analytic and computer skills, work collaboratively, and be sensitive to ethical issues. Coursework in this major provides students with these skills, and electives afford students the opportunity to direct their studies toward specific careers. Thus, this program provides excellent preprofessional preparation for students planning graduate

study to become public health specialists, administrators, researchers, policy analysts, dietitians, nurses, chiropractors, occupational or physical therapists, physicians, physician assistants, or health care practitioners in related fields.

Special Academic Status Policy for Health Sciences Majors

Students will not be allowed to enroll in the professional practicum (HLTH 34900, HLTH 44900, or HLTH 45300) until they have presented a current American Red Cross CPR and first aid card to the internship coordinator.

Health Sciences Emphasis Programs

Students in health sciences are required to declare one of the following three emphasis programs.

1. The premedical emphasis is driven by the curricular needs of students pursuing premedical graduate education and future clinical health preparation.
2. The food and nutrition emphasis is suited to students pursuing graduate education in dietetics or other nutrition-related professions.
3. The planned clinical emphasis is for students who wish to pursue post-baccalaureate education in fields such as nursing, chiropractic, physician assistant, veterinary, dentistry, and other careers.

Summary

Code	Title	Credits
	Health Sciences Degree Requirements	69-70
	Emphasis (premed, food and nutrition, or planned clinical)	15
	Integrative Core Curriculum ¹	19-20
	Free electives	15-17
Total Credits		120

¹ Please refer to "ICC (p. 319)" tab on our school's main page to see requirements.

Note that Chemistry requires a group 3 math placement score and Physics requires a group 1*, 1, or 2 math placement score.

Degree Requirements

Code	Title	Credits
Health Sciences Degree Requirements		
Ethics Course (choose 1)		
PHIL 21200	Introduction to Ethics	3
	or PHIL 23000 Bioethics	
Health Courses		
HLTH 11700	Foundations of Public Health	3
HLTH 20200	Human Nutrition	3
HLTH 20500	Critical Health Issues (ICC - DV, CLA)	3
HLTH 21700	Epidemiological Approaches to Disease Prevention and Control	3
HLTH 22900	Disease and Lifestyle	3
Select 6 credits of the following:		6
HLTH 349xx	Fieldwork in Health	
HLTH 449xx	Internship in Health	
HLTH 453xx	Supervised Research (limit 3 credits)	

HLTH 31600	Health Research and Analysis (ICC - QL, CLA)	3
HLTH 33510	Legal and Ethical Issues in Health Policy (ICC - WI, CLA)	3
HLTH 44400	Leadership and Health Promotion (ICC - Capstone, CLA)	3

Math Courses

Select one of the following:

MATH 10800	Applied Calculus	4
	or MATH 11100 Calculus I	

Select one of the following:

MATH 14400	Statistics for Business, Economics and Management	3-4
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or MATH 14500 Statistics for the Health, Life, and Social Sciences

or MATH 15500 Basic Statistical Reasoning

or MATH 21600 Statistical Analysis

Psychology Course (choose 1)

PSYC 10300	General Psychology	3
	or PSYC 10400 Introduction to Developmental Psychology	

Science Courses

BIOL 11900	Fundamentals of Biology: Cells and Bodies	4
BIOL 12000	Fundamentals of Biology: Ecology and Evolution	4
CHEM 12100	Principles of Chemistry	3
CHEM 12200	Principles of Chemistry Laboratory	1
CHEM 22100	Organic Chemistry I	3
CHEM 22200	Organic Chemistry II	3
EXSS 12000	Anatomy and Physiology I	4
EXSS 12100	Anatomy and Physiology II	4

Total Credits 69-70

Additional Requirements for Emphases

Select one emphasis from the three options below.

Premed Emphasis

Code	Title	Credits
CHEM 12400	Experimental Chemistry I	2
CHEM 22500	Experimental Chemistry II	2
CHEM 23200	Quantitative Chemistry	3
Select one of the following:		8

PHYS 10100 Introduction to Physics I
& PHYS 10200 and Introduction to Physics II

PHYS 11700 Principles of Physics I: Mechanics
& PHYS 11800 and Principles of Physics II: Electricity and Magnetism ¹

Total Credits 15

¹ PHYS 11700: Requires MATH 11100 as prerequisite
PHYS 11800: Requires MATH 11200 as prerequisite

Food and Nutrition Emphasis

Code	Title	Credits
HLTH 20100	Food and Society	3
HLTH 30100	Lifecycle Nutrition	3

HLTH 30500	Community Nutrition: Global Perspectives	3
HLTH 30600	Counseling for the Health Professions	3
HLTH 40300	Nutritional Care and Therapeutics	3
Total Credits		15

Planned Clinical Emphasis

For students who wish to pursue post-baccalaureate education in fields other than medical school or food and nutrition, such as nursing, chiropractic, physician assistant, veterinary, dentistry, optometry, and other careers. Planned course of study with stated goal; approved by advisor and chair.

Total Credits 15

Public and Community Health Major – B.S.

The public and community health degree is designed to prepare students to use scientific research, program planning, policy analysis, and education to change the conditions and the systems that affect the health of people. The program in public and community health provides students with the information and analytical skills necessary to collect and analyze health data, to identify and plan for community health needs, to implement and evaluate health programs that encourage healthy lifestyles, and to advocate for better health policy. The public and community health curriculum engages students in thinking critically about creative solutions to public health problems and recognizing that health is related to many issues, including genetics, personal choices and behaviors, and the environment. Public and community health professionals work in health care agencies, public health departments, public interest groups, and research organizations that have an interest in health.

Students in public and community health customize their degree experience by choosing the emphasis that suits their career interests:

- The restricted health elective emphasis is for students desiring more depth and breadth in the area of health.
- The PIC (planned interdisciplinary combination) in health is for students who want to study a specific or unique niche in the public health sphere, such as women’s health, incarcerated population health, and public health nursing.

Summary

Code	Title	Credits
Public and Community Health Degree Requirements		55-56
Emphases: Choose One (1)		18
Planned Interdisciplinary Combination		
Restricted Health Electives Emphasis		
Integrative Core Curriculum ¹		19-20
Free and restricted electives		26-28
Total Credits		120

¹ Please refer to “ICC (p. 319)” tab on our school’s main page to see requirements.

Degree Requirements

Code	Title	Credits
Public and Community Health Requirements		
Statistics course (choose 1)		3-4
MATH 14400	Statistics for Business, Economics and Management	
or MATH 14500	Statistics for the Health, Life, and Social Sciences	
or MATH 15500	Basic Statistical Reasoning	
or MATH 21600	Statistical Analysis	
Ethics course (choose 1)		3
PHIL 21200	Introduction to Ethics	
or PHIL 23000	Bioethics	
Psychology course (choose 1)		3
PSYC 10300	General Psychology	
or PSYC 10400	Introduction to Developmental Psychology	
Biology course		4
BIOL 11900	Fundamentals of Biology: Cells and Bodies	
Health courses		
HLTH 11700	Foundations of Public Health	3
HLTH 20500	Critical Health Issues (ICC-DV)	3
HLTH 21700	Epidemiological Approaches to Disease Prevention and Control	3
HLTH 22900	Disease and Lifestyle	3
HLTH 25000	Global Health	3
HLTH 31200	Inequalities in U.S. Health Care	3
HLTH 31600	Health Research and Analysis (ICC-QL)	3
HLTH 31700	Community Health	3
HLTH 33300	Development and Evaluation of Health Programs	3
HLTH 33510	Legal and Ethical Issues in Health Policy (ICC-WI)	3
HLTH 41700	Front Page Public Health: Policy and Epidemiology	3
HLTH 44400	Leadership and Health Promotion (ICC-Capstone)	3
Select 6 credits of the following:		6
HLTH 349xx	Fieldwork in Health	
HLTH 449xx	Internship in Health	
HLTH 453xx	Supervised Research (limit 3 credits)	
Total Credits		55-56
Emphases		
Select one emphasis from the options below.		
Planned Interdisciplinary Combination (PIC) in Health - Emphasis		
Code	Title	Credits
HLTH xxxxx	Health electives	9
Electives outside department		9
Total Credits		18

Restricted Health Electives - Emphasis

Code	Title	Credits
Select 18 credits (no more than 9 credits from 100- or 200-level) from the posted list.		18
Total Credits		18

Coaching Minor

This minor is designed to prepare students to coach one or two specific sports. A required fieldwork experience offers students the opportunity to work directly with a coach and a team.

These courses offer students a background in coaching sports. These courses fulfill the requirements for a minor but does not certify you to coach. Coaching certification requirements are established by each state. Students should note that each state varies in its requirements for coaching certification. Each state will determine which courses count toward certification. Students are responsible for identifying the coaching requirements in their respective state and submitting required documentation for certification.

Requirements

Code	Title	Credits
PHED xxxxx	Coaching Seminar ¹	2
PHED 25500	Philosophy and Principles of Coaching	3
PHED 25600	Health Sciences Applied to Coaching	3
PHED 34900	Fieldwork in Physical Education ¹	1-6
HLTH 12200	Emergency Health Care	1
PHED 21200	Motor Skills Development	3
SPST 29500	Social Aspects of Sport	3
	or EXSS 20200 Sport and Exercise Psychology	

Electives

Select 3 credits of the following:		3
PHED 34900	Fieldwork in Physical Education	
PHED xxxxx	Coaching Seminar ²	
PHED 44000	Organization and Administration of Physical Education	
HLTH 20200	Human Nutrition	
HLTH 21300	Wellness: Multicultural Perspectives on Health and Healing	
HLTH 22400	Emergency Health Care Instructor	
EXSS 24600	Prevention and Care of Athletic Injuries	
SPST 29500	Social Aspects of Sport	
SPST 29700	Sport: Philosophical Perspectives	
SPST 32400	Youth Sport in America	
SPST 20700	History of Sport	

Total Credits **19-24**

¹ Course must be in the first sport to be registered.

² Course must be in the second sport to be registered.

Health Minor

The health minor is open to students majoring in all disciplines except public and community health. Students enrolled in this minor are afforded the opportunity to survey a broad set of health issues impacting

individual and population health. Following a required 3-credit theoretical framework course, students can take advantage of the flexibility of this minor to study health issues of interest, be it health care systems, health promotion and disease prevention, or an array of health content areas.

Requirements

Code	Title	Credits
THEORETICAL FRAMEWORK		
HLTH 20500	Critical Health Issues	3
or HLTH 21300	Wellness: Multicultural Perspectives on Health and Healing	
HEALTH ELECTIVES		15
Fifteen credits in health-related electives, selected from the list, with no more than three credits earned in a level 1xxxx course and at least three credits earned in a course at level 3xxxx or above.		
HLTH 1xxxx	Choice of any 100-level health course from selected list	
HLTH 2xxxx- HLTH 4xxxx	Choice of any 200-, 300-, or 400-level courses from selected list	
PHED 2xxxx -OR- SOCI 3xxxx		
HLTH 3xxxx- HLTH 4xxxx	Choice of any 300- or 400-level course from selected list	
SOCI 3xxxx		
HEALTH ELECTIVES SELECTED LIST		
HLTH 10200	Medical Terminology	
HLTH 11000	War, Hunger, and Genocide: An International Health Perspective	
HLTH 11300	Personal Health	
HLTH 13901	Technology for the Professional Edge	
HLTH 14000	Cyborgs, Clones, and Policy: New Technologies in Health and Medicine	
HLTH 20100	Food and Society	
HLTH 20200	Human Nutrition	
HLTH 20300	Consumer Health	
HLTH 20400	Economics of Health Care	
HLTH 20500	Critical Health Issues	
HLTH 20800	Viral Diseases of the World	
HLTH 21300	Wellness: Multicultural Perspectives on Health and Healing	
HLTH 21700	Epidemiological Approaches to Disease Prevention and Control	
HLTH 22600	Health Communication	
HLTH 22700	Stress: Its Nature and Management	
HLTH 22800	Human Sexuality	
HLTH 22900	Disease and Lifestyle	
HLTH 23400	Fitness Applications for Health Promotion	
HLTH 33300	Development and Evaluation of Health Programs	
PHED 23400	Fitness Applications for Health Promotion	
HLTH 25000	Global Health	
HLTH 30100	Lifecycle Nutrition	
HLTH 30600	Counseling for the Health Professions	

HLTH 31500	Family Health Problems
HLTH 31600	Health Research and Analysis
HLTH 32600	Health Planning and Administration
HLTH 33000	Health Promotion in the Workplace
HLTH 33510	Legal and Ethical Issues in Health Policy
HLTH 35000	Drug Use and Abuse
SOCI 31600	Women and Health
HLTH 41700	Front Page Public Health: Policy and Epidemiology
HLTH 42000	Teaching Strategies in Health Education
HLTH 48700	Multicultural Issues in Health

Total Credits **18**

Health Policy and Management Minor

This minor provides students with an understanding of the complexity and requirements of institutions, policies, and management issues in health care and the skills necessary to pursue a broad range of health-related management and/or policy opportunities in the for-profit, nonprofit, and governmental sectors. This minor is appropriate for students pursuing careers in the health care field, especially students majoring in allied health fields, business, gerontology, or the social sciences. The minor is not open to students in health care management.

Requirements

Code	Title	Credits
HLTH 20500	Critical Health Issues	3
HLTH 32600	Health Planning and Administration	3
or HLTH 32500	Health Care Payment Systems: Insurance, Financing & Strategy	
Select one of the following:		3
GBUS xxxxx	Any GBUS course	
MGMT xxxxx	Any MGMT course	
GERO 10100	Introduction to Aging Studies	3
Select at least 6 credits of the following:		6
HLTH 11000	War, Hunger, and Genocide: An International Health Perspective	
HLTH 14000	Cyborgs, Clones, and Policy: New Technologies in Health and Medicine	
HLTH 20300	Consumer Health	
HLTH 20400	Economics of Health Care	
HLTH 33510	Legal and Ethical Issues in Health Policy	
HLTH 41700	Front Page Public Health: Policy and Epidemiology	
POLT 1xxxx	Politics Elective	
Total Credits		18

Nutrition Promotion Minor

The nutrition promotion minor is open to students majoring in all disciplines except health sciences – food and nutrition emphasis. The nutrition promotion minor enables students to systematically study nutrition in the world and to learn more about the depth and breadth of

nutrition in society. The minor provides an introductory level examination of the history, theory and methods of nutrition promotion. Students are given the opportunity to discuss the wide-range of nutritional issues and their relationship to health problems. Students will gain a broad understanding of where nutrition falls within the health care system and how health professions can promote lifelong health through nutritional approaches.

Requirements

Code	Title	Credits
THEORETICAL FRAMEWORK		
HLTH 20500	Critical Health Issues	3
or HLTH 21300	Wellness: Multicultural Perspectives on Health and Healing	
NUTRITION CORE		
HLTH 20200	Human Nutrition	3
HLTH 20100	Food and Society	3
HLTH 30100	Lifecycle Nutrition	3
Select 6 or 7 credits of the following nutrition promotion electives:		6-7
BIOL 10600	Plants, People, and Food Production (Deleted Anth 25100)	
HLTH 11000	War, Hunger, and Genocide: An International Health Perspective	
HLTH 20300	Consumer Health	
HLTH 23400	Fitness Applications for Health Promotion	
HLTH 25000	Global Health	
HLTH 30500	Community Nutrition: Global Perspectives	
HLTH 48700	Multicultural Issues in Health	
PHED 23400	Fitness Applications for Health Promotion	
SOCI 20800	Social Change	
SOCI 31600	Women and Health	
Total Credits		18-19

Department of Occupational Therapy

Julie A. Dorsey, Associate Professor and Chairperson

Michelle L. Bradshaw, Associate Professor and Graduate Program Chairperson

The mission of the occupational therapy program is to prepare reflective, creative, skilled, and ethical occupational therapists. We meet this mission by:

- emphasizing experiential learning, evidence based practice, and professional reasoning.
- creating diverse and integrative learning experiences to develop breadth and depth of student perspectives.
- fostering collaborative engagement in scholarship and service that extends beyond campus to include local and global communities.
- promoting the centrality of occupational participation to support health and resilience for individuals, communities, and populations.

The Department of Occupational Therapy offers two programs to meet this mission: a five-year combined bachelor's and master's program, and a professional entry-level master's program.

The curriculum of the five-year combined B.S./M.S. program in occupational therapy is designed to provide a strong foundation in the liberal arts, sciences, and humanities; to offer a comprehensive and rigorous professional education; and to develop attitudes and skills for lifelong learning and leadership. Academic instruction is complemented by clinical fieldwork experiences, including 32 weeks of full-time clinical affiliations. Students are provided with a strong general education and the opportunity to explore special interests in academic, clinical, and research arenas. The B.S./M.S. program is five years in length and leads to a master of science degree in occupational therapy. Students in this program receive a bachelor of science degree in occupational science at the completion of four years of study. They are not eligible for licensure or certification until they complete the fifth (graduate) year.

The department also offers a professional entry-level master's degree program for students who hold a bachelor's degree in another area of study. The master's year of the combined B.S./M.S. program and the professional entry-level master's program are explained in detail in the Ithaca College Graduate Catalog (p. 757).

Undergraduate occupational science majors are required to take a 5-credit comprehensive anatomy course prior to the start of the senior year of study. The fifth (graduate) year of the combined B.S./M.S. degree program consists of two academic semesters and two summers, during which three full-time clinical fieldwork experiences are completed at sites throughout the country. Travel and housing arrangements for fieldwork are the responsibility of the student.

Students typically enter the B.S./M.S. program as first-year college students, but transfer students may also be accepted. The transfer application process is outlined under the "Policies and Procedures" (p. 320) tab of the School of Health Sciences and Human Performance page. Transfer into the occupational therapy program is limited to available openings.

The combined B.S./M.S. occupational therapy program and the professional entry-level M.S. program are accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 6116 Executive Boulevard, Suite 200, Bethesda, MD 20852-4929. ACOTE's telephone number c/o AOTA is 301-652-2682, and its web address is www.acoteonline.org (<http://www.acoteonline.org>). Students wishing to make a formal complaint against the occupational therapy program should contact ACOTE (<http://www.aota.org/Education-Careers/Accreditation.aspx>) directly. To our knowledge, no complaints have ever been made regarding our programs.

Graduates of the M.S. occupational therapy program are eligible to sit for the national certification examination for the occupational therapist, administered by the National Board for Certification in Occupational Therapy (NBCOT (<http://www.nbcot.org/>)). After successful completion of this exam, the individual will be an occupational therapist, registered (OTR). In New York and all other states, a professional license is also required for practice. The NBCOT examination serves as the licensing exam in most states. Students are, however, required to apply separately for licensure and certification upon graduation.

Special Academic Status Policy for Students in the Combined B.S./M.S. Occupational Therapy Program

Students in occupational science and occupational therapy must obtain a grade of at least C in all professional courses, including major courses and required courses outside the major.

Students majoring in occupational science must achieve a minimum GPA of 2.70 by the conclusion of the sophomore year in order to continue in the major. Progression through the remainder of the undergraduate program depends on maintenance of a 2.70 cumulative GPA, a minimum of a 2.70 semester GPA in the junior and senior years, and successful completion (C or better) of all courses in each sequential semester. A student in any year of study who fails to complete a required course with a grade of C or better must repeat the course (see "Repeating a Course" in the "Credit and Grade Information (p. 722)" section). Since professional courses are offered once per year and are specifically sequenced, course failure may result in the delay of fieldwork and graduation.

Students in the combined B.S./M.S. program wishing to progress into the master of science program in occupational therapy must have completed the B.S. program in occupational science with a cumulative GPA of 3.00 or better. Students must complete all requirements for the B.S. in occupational science and be approved by the faculty before taking clinical fieldwork courses. Students must earn satisfactory grades in all courses and fieldwork in order to be awarded the M.S. degree and to be eligible for certification and licensure. All level-II (graduate) fieldwork must be completed within 24 months of completion of the didactic portion of the program.

Program Warning and Dismissal

A student who fails to meet any of the minimum requirements stated above may be placed on program warning, suspended, or dismissed from the program (see the discussion in the "Academic Affairs Information" section). Students who have been placed on program warning or suspension will be expected to meet department standards for all subsequent semesters. Students will remain on program warning until the issue that caused the warning is resolved. A student may not be placed on a program warning for a new violation in a subsequent semester; should a new violation occur the student will be dismissed from the program.

Undergraduate students in the combined B.S./M.S. program will be placed on program warning if:

1. they earn less than a C in any course required for the major;
2. they fail to complete at least 12 credits in a semester;
3. they earn a cumulative GPA below a 2.70 at any point in the program; or
4. they earn less than a 2.70 semester GPA during the junior or senior year.

Undergraduate students will be dismissed from the program in the following academic or professional standards cases:

1. a student previously on program warning violates the aforementioned departmental criteria for good standing a second time;
2. a student earns less than a C- in two or more courses in the same semester;

3. a student earns less than a 2.70 cumulative GPA at the completion of the spring semester of the sophomore year or any subsequent semester;
4. a student violates the American Occupational Therapy Association's code of ethics published in the Department of Occupational Therapy Student Manual.

Graduate students in the combined B.S./M.S. program will be dismissed from the program in the following cases:

1. an occupational therapy (graduate) student in the combined B.S./M.S. program earns more than 6 credits of C (C+, C, C-) or more than 3 credits of F;
2. a student fails two clinical fieldwork experiences;
3. an occupational therapy (graduate) student fails to complete level-II fieldwork/internship (OTMS 60000, OTMS 69000, and OTMS 69500 or OTMS 69600) within 24 months of completing all didactic coursework; or
4. a student significantly violates the professional code of ethics published in the Occupational Therapy Department Student Manual.

A student who is subject to dismissal from the program may, under extenuating circumstances, be granted a suspension from the program in lieu of dismissal. For readmission to the program, the student may have to fulfill certain conditions, such as remedial coursework or clinical assignments prescribed by the faculty at the time of suspension. Readmission may be contingent on the availability of space in succeeding classes.

In an exceptional case, a student who has been dismissed may be readmitted to the program upon satisfaction of conditions determined by the department faculty. Dismissal from the occupational therapy program does not always mean dismissal from Ithaca College. In some cases, students may be eligible to pursue other Ithaca College majors. Specifics with regard to these policies and the appeals procedures are available in the Department of Occupational Therapy Student Manual.

A senior in the combined B.S./M.S. program who meets the criteria for dismissal will be allowed to continue in the program to earn the B.S. degree with the understanding that continuation into the graduate portion of the program will not be permitted.

Housing and Travel for Clinical Fieldwork

Clinical fieldwork is an essential part of professional training. Students are assigned to Level I and Level II fieldwork sites locally, and at locations around the United States based on a lottery system. Assignment to specialty fieldwork or elective internship is done based on student interest and site availability. Students can expect that at least some of their placements will be at a distance from home. Students are responsible for any related field experience expenses and for making their own housing and travel arrangements for clinical fieldwork experiences.* Information about housing options for affiliations is available from the fieldwork coordinator. For more information on student expenses, see "Graduate Occupational Therapy" costs under "Graduate Tuition & Fees (<https://www.ithaca.edu/tuition-financial-aid/graduate-costs-financial-aid/graduate-tuition-fees/>)" on the Tuition and Financial Aid website. (* Fieldworks are courses and tuition is charged.)

Majors & Minors

- Occupational Science Major — B.S. (p. 358)
- Occupational Therapy Major — M.S. (p. 359)
- Occupational Science Minor (p. 359)

OTBS 10600 Introduction to Occupational Science (LA)

An overview of the science of human occupation and theoretical models that are used to describe the impact of occupation on individuals. Includes the personal, physical, psychosocial, cultural, and environmental factors of work, self-care, and play/leisure. An introduction to the domain of occupational therapy is included. (F-S, Y)

3 Credits

OTBS 20100 Human Development I (LA)

Study of developmental theories and factors influencing normal development from prenatal to adolescence. Developmental norms and sequences are examined, with emphasis on sensorimotor, cognitive, and psychosocial tasks, as well as occupational development. Beginning skills in the observation of normal children are developed. Prerequisites: PSYC 10300; sophomore standing. (F,Y)

Attributes: 1

3 Credits

OTBS 20200 Human Development II (LA)

Continued study of developmental theories and factors influencing normal development from adolescence through older adulthood. Developmental norms and sequences are examined with emphasis on sensorimotor, cognitive, and psychosocial development, and performance of self-care, work, and leisure occupations as these are related to development and role performance across the life span. Students will engage in independent and group learning and develop interview and observation skills. Prerequisites: PSYC 10300; sophomore standing. (S, Y)

Attributes: 1

3 Credits

OTBS 20600 The Culture of Disability (LA)

An examination of the historical and sociocultural construction of disability through readings, discussion, film, and personal narrative. The history of several disability groups will be used as case studies to analyze the ideological, socioeconomic, political, and cultural experience of disability. Prerequisites: Sophomore standing or permission of instructor. (F,Y)

Attributes: 1, DV, H, SS

3 Credits

OTBS 21000 The Cancer Experience (LA)

Introduction to the major types of cancer, impact of cancer on the individual, basic medical terminology, cultural differences in types of cancer, and external and internal influences on cancer, as well as treatment, adjustments, and coping strategies. Prerequisites: Sophomore standing. (IRR)

Attributes: SO, TIDE, TMBS

3 Credits

OTBS 21100 Occupational Therapy in Life Skills (NLA)

Concepts of occupational therapy and other allied health disciplines are applied through observation and direct interaction with the neurologically impaired adult population, attending interdisciplinary team meetings and rounds, and seminar group discussions. Emphasis is on integrating professional behaviors, group activities, basic activity analysis, medical record documentation and client/family interaction within a clinical setting. Prerequisites: OTBS 10600. (S,Y)

1-2 Credits

OTBS 22000 Adult Clinical Practice in Occupational Therapy (NLA)

Observation and participation in clinical treatment provided through the OT/PT clinic at Ithaca College. Treatment of occupational therapy adult clients, as well as participation in other occupational therapy services provided by the clinic. The clinic will provide students with an experiential learning opportunity while serving the needs of adults in the college and local communities. Prerequisites: OTBS 10600. (F,S,U,Y)

1 Credit

OTBS 22100 Pediatric Clinical Practice in Occupational Therapy (NLA)

Observation and participation in clinical treatment provided through the OT/PT clinic at Ithaca College. Treatment of occupational therapy pediatric clients, as well as participation in other occupational therapy services provided by the clinic. The clinic will provide students with an experiential learning opportunity while serving the needs of children in the college and local communities. Prerequisites: OTBS 10600. (F,S,U,Y)

1 Credit

OTBS 30500 Applied Occupations (NLA)

Occupational therapy theory and process are the concentration of this course. Selected theoretical approaches used in occupational therapy are introduced, discussed, compared, and critiqued. Analysis of occupations using occupational therapy models is discussed and practiced. Historical, social, cultural, and political influences on theory development are examined. The teaching-learning process in therapy is applied to the therapeutic process. Prerequisites: OTBS 10600; OTBS 33500. (S,Y)

3 Credits

OTBS 30600 Occupational Apartheid (LA)

Expands on content from OTBS 10600. The premise of occupational justice will be explored: personal, political, historical, sociological, cultural, and environmental influences on individual. Engagement in occupation will be analyzed in relation to occupational apartheid. Application of methods to ameliorate identified problems will be incorporated. Prerequisites: OTBS 10600. (S,O)

Attributes: SS

3 Credits

OTBS 32000 Clinical Psychiatry in Occupational Therapy (NLA)

Study of the basic concepts of identification, definition, and management of psychosocial problems. Major pathological syndromes and their etiologies are examined. Includes an introduction to pharmacology and medical terminology. Emphasis is placed on understanding not only the pathology and medical treatment, but also the effect of the condition on the individual's ability to perform functional activities. Additional emphasis will be placed on children, the elderly, and interdisciplinary teams. Prerequisites: PSYC 32100; OTBS 20200. (S,Y)

3 Credits

OTBS 33500 Individual and Group Work in Health Sciences (LA)

Focuses on therapeutic use of self in individual and group relationships. Emphasis is on an action-based, helping, problem-solving model to guide individual interventions. Provides the cognitive, affective, and occupational basis to helping groups for various client populations and settings across the life span. Presents knowledge and experiential opportunity to gain skill to be a competent group leader. Lecture and lab format. This course includes a Level I Fieldwork experience. Prerequisites: PSYC 10300; OTBS 10600; OTBS 20100; OTBS 20200; and three credits in sociology and/or anthropology. (F,Y)

4 Credits

OTBS 38500 Quantitative Concepts in Professional Reasoning (LA)

An introduction to quantitative concepts as they relate to professional reasoning in clinical contexts. Particular emphasis will be placed on the statistical interpretation of clinical research studies, utilizing the interplay between descriptive and inferential techniques and critical statistical reasoning. Laboratory sessions focus on developing skills for analyzing data using a commercial statistical software package (SPSS), reflecting on concepts related to data analysis, and presenting quantitative information in charts and tables, and written and oral arguments. Corequisite: OTBS 46000. Prerequisites: Math placement group 1 or 2, or successful completion of MATH 10800 or MATH 11000 with a grade of C- or higher; junior standing. (F,Y)

Attributes: QL

3 Credits

OTBS 39900-39907 Selected Topics in Occupational Therapy

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR)

1-3 Credits

OTBS 40000 Functional Human Anatomy (LA)

Study of the gross anatomical components of the human body through the use of lecture and lab activities using models and electronic media. Emphasis is placed on the musculoskeletal, neurological, and vascular systems of the human body. Prerequisites: BIOL 20600, PTBS 31300. (Sum,Y)

5 Credits

OTBS 41000 Neuroscience (LA)

Introduction to the science of the nervous system. Provides a framework for understanding the nervous system and the area of applied neurosciences. This course provides a scientific basis for improved patient care by clarifying the relationships between the nervous system and behavior. Selected laboratory and experiential activities enhance lecture, discussion, and reading materials. Prerequisite: OTBS 40000. (F,Y)

Attributes: NS

3 Credits

OTBS 42100 Kinesiology (LA)

The application of gross anatomy to the study of human movement, with emphasis on understanding the interrelated kinetics of normal motion of the musculoskeletal system as they influence functional activities. Evaluation procedures such as manual muscle testing (MMT), joint range of motion (ROM), palpation of surface anatomy, and kinesiological analysis of functional activities are used in laboratory sessions. Prerequisites: OTBS 40000. (F,Y).

Attributes: NS

4 Credits

OTBS 43000 Applied Interventions in Occupational Therapy (NLA)

Emphasis is on selected occupational therapy intervention methods. The use of orthotics as a preparatory method in intervention, the evaluation and intervention of biomechanical components, and prosthetics as an occupation-based activity are explored. Adaptation of methods of instructing activities of daily living and design of equipment are also covered. Prerequisites: OTBS 30500; OTBS 40000; OTBS 42100. (S,Y)

3 Credits

OTBS 44000 Concepts in Adult Occupational Therapy (NLA)

Concepts in occupational therapy for the adult population will be explored. Practice models that are suitable for the adult client population will be addressed within the context of the occupational therapy process. Includes a case based seminar to integrate theory with practice. Prerequisites: OTBS 30500; OTBS 40000. (F,Y)
4 Credits

OTBS 44500 Concepts in Pediatric Occupational Therapy (NLA)

Concepts in occupational therapy for the pediatric population will be explored. Practice models that are suitable for the pediatric client population will be addressed within the context of the occupational therapy process. Includes a case based seminar to integrate theory with practice. Prerequisites: OTBS 30500; OTBS 40000. (S,Y)
4 Credits

OTBS 45000 Adult Evaluation and Intervention Processes in Occupational Therapy (NLA)

The occupational therapy evaluation and intervention processes for the adult population will be explored. This includes development of an occupational profile of the client and conducting an analysis of occupational performance. The intervention phase involves implementation and re-evaluation of the intervention plan. This course includes a clinical FW experience. Prerequisites: OTBS 30500; OTBS 32000; OTBS 40000. (F,Y)
3 Credits

OTBS 45500 Pediatric Evaluation and Intervention Processes in Occupational Therapy (NLA)

Explores the occupational therapy evaluation and intervention processes for the pediatric population. Emphasis placed on development of an occupational profile of the client, analysis of occupational performance, and implementation and re-evaluation of the intervention plan. Includes a clinical fieldwork experience. Prerequisites: OTBS 30500; OTBS 40000. (S,Y)
3 Credits

OTBS 46000 Research Methods in Occupational Therapy (LA)

Review of the basic methods and designs used in occupational therapy research and inquiry. Includes conceptual foundations of research, basic research methodology, and analysis and interpretation of data and reading and use of scholarly literature to write effective arguments. Emphasizes critical evaluation of occupational therapy research literature based on both quantitative and qualitative methods in order to develop evidence-based practitioners. Development of the components of the individual thesis proposal and comprehensive literature reviews with emphasis on writing for professional audiences. Prerequisites: WRTG 10600 or ICSM 10800 or ICSM 11800. Corequisite: OTBS 38500. (F,Y)
Attributes: WI
3 Credits

OTBS 46500 Occupational Therapy Research Seminar (NLA)

A seminar/tutorial-based course that builds on previous classes in research statistics and design, and on clinical/professional courses in the senior year. This course is taken with a faculty member who is conducting research in an area of interest to the student. Construction of a research paper, including the development of a problem statement and research questions suitable for thesis research, and support of these elements with a background, definition, and rationale. Oral presentation of the proposal is required. Prerequisites: OTBS 46000; senior status. (S,Y)
1 Credit

OTBS 47100 Adult Clinical Conditions in Occupational Therapy (NLA)

A study of selected systemic, medical-surgical, orthopedic, and neurological conditions. Basic concepts in the identification, definition, and medical management of these conditions affecting adults and older persons. Emphasis is placed on understanding not only the etiology, pathology, and medical treatment, but also the effect of the condition and its treatment on the person's ability to perform functional activities. Prerequisites: PTBS 31300; OTBS 40000. (F,Y)
3 Credits

OTBS 47500 Pediatric Clinical Conditions in Occupational Therapy (NLA)

Exploration of the salient medical background of pediatric diseases and conditions. Principles of medical management of selected systemic diseases in children and young adults as a basis for intervention by an occupational therapist. Prerequisites: OTBS 40000; PTBS 31300; OTBS 41000. (S,Y)
2 Credits

OTBS 48100 ICC Capstone in OT (LA)

Exploration and reflection upon the relationship between experiences with the Ithaca College core curriculum courses and the individual as an occupational being and emerging occupational therapy professional. Emphasis on the proposal, design, and creation of a reflective artifact that demonstrates the changes that have occurred as a result of the ICC experience inside and outside of the study of occupational therapy. An analysis of how learning in the Integrative Core Curriculum contributes to the preparation of the individual in the study of occupational therapy will be discussed and developed. Prerequisites: Senior, permission of instructor. (S,Y)
Attributes: CP
1 Credit

OTBS 49900-49903 Independent Study in Occupational Therapy (NLA)

Individual research and writing in a particular area of occupational therapy, supervised by a faculty member in the department. An approved design statement is required before registration for this course. Prerequisites: Permission of supervising faculty member, student's adviser, department chair, and dean. (F-S,Y)
1-3 Credits

Occupational Science Major – B.S.

Note: This degree does not provide eligibility for certification or licensure in occupational therapy. It is awarded after four years of study in the five-year B.S./M.S. program in occupational science/occupational therapy.

Summary

Code	Title	Credits
Department requirements		60
Required courses outside department		30
Integrative Core Curriculum ¹		23-24
Free electives		6-7
Total Credits		120

¹ Please refer to "ICC (p. 319)" tab on our school's main page to see requirements. (OTBS 48100 will satisfy ICC Capstone.)

Degree Requirements

Code	Title	Credits
MAJOR DEPARTMENT REQUIREMENTS		
OTBS 10600	Introduction to Occupational Science ¹	3

OTBS 20100	Human Development I ¹	3
OTBS 20200	Human Development II ¹	3
OTBS 30500	Applied Occupations	3
OTBS 32000	Clinical Psychiatry in Occupational Therapy	3
OTBS 33500	Individual and Group Work in Health Sciences ¹	4
OTBS 38500	Quantitative Concepts in Professional Reasoning	3
OTBS 40000	Functional Human Anatomy	5
OTBS 41000	Neuroscience	3
OTBS 42100	Kinesiology	4
OTBS 43000	Applied Interventions in Occupational Therapy	3
OTBS 44000	Concepts in Adult Occupational Therapy	4
OTBS 44500	Concepts in Pediatric Occupational Therapy	4
OTBS 45000	Adult Evaluation and Intervention Processes in Occupational Therapy	3
OTBS 45500	Pediatric Evaluation and Intervention Processes in Occupational Therapy	3
OTBS 46000	Research Methods in Occupational Therapy	3
OTBS 46500	Occupational Therapy Research Seminar	1
OTBS 47100	Adult Clinical Conditions in Occupational Therapy	3
OTBS 47500	Pediatric Clinical Conditions in Occupational Therapy	2

REQUIRED COURSES OUTSIDE THE DEPARTMENT

BIOL 11900	Fundamentals of Biology: Cells and Bodies	4
CHEM 11000	General Chemistry	3
EXSS 12000	Anatomy and Physiology I	4
EXSS 12100	Anatomy and Physiology II	4
Select one of the following:		3
PHIL 23000	Bioethics	
PHIL 10100	Introduction to Philosophy	
PHIL 21200	Introduction to Ethics	
PSYC 10300	General Psychology	3
PSYC 32100	Abnormal Psychology	3
Select one of the following:		3
SOCI xxxxx	Sociology elective	
ANTH xxxxx	Anthropology elective	
HLTH 20500	Critical Health Issues	3
Total Credits		90

¹ Satisfies Complementary Liberal Arts requirement. (Note: OT requires 13 credits of CLAs)

Occupational Therapy Major – M.S.

Amie Germain, Assistant Professor and Graduate Program Chairperson

The five-year combined B.S./M.S. degree curriculum is designed to provide depth and breadth for students' professional development, liberal arts education, and analytical skills. Full-time clinical fieldwork placements totaling 32 weeks, are located throughout the country. The clinical fieldwork courses are usually scheduled for the summer preceding the graduate year (12 weeks) and in the late spring (12 weeks) and summer (8 weeks) following the graduate year. Coursework at the graduate level is organized into five time blocks: two for academic coursework and three for clinical experiences. Graduates of the M.S. program in occupational therapy are eligible to apply to take the National Board for Certification in Occupational Therapy (NBCOT) examination as required by the profession.

For information on the master's portion of the combined B.S./M.S. program or the professional entry-level master's degree program in occupational therapy, please see the Graduate Catalog (p. 853) listing.

Occupational Science Minor

No additional students are being admitted to this program as of Fall 2021.

Occupations are the activities we do every day that bring meaning to our lives. A minor in occupational science offers students the opportunity to understand the influence of human occupation on development, health, and wellness for the individual and for society. This minor course of study will enhance understanding of how elements of personal capabilities, in conjunction with the physical and sociocultural environment, affect human occupation. This knowledge has the potential to foster the intellectual growth of the student and contribute to various professional and academic fields (education, speech and language pathology, recreation and leisure studies, physical therapy, psychology, aging studies, sociology, biology, business, athletic training, exercise science, and preprofessional studies), and ultimately to help contribute to the health, equity, and prosperity of communities.

Curriculum

The minor in occupational science requires a minimum of 18 credits, including 15 required credits and 3 elective credits.

Code	Title	Credits
OTBS 10600	Introduction to Occupational Science	3
OTBS 20100	Human Development I	3
OTBS 20200	Human Development II	3
OTBS 20600	The Culture of Disability	3
OTBS 30600	Occupational Apartheid	3
Select 3 credits of the following electives:		3
OTBS 21000	The Cancer Experience	
RLS 10100	Leisure and Society	
SOCI 22000	Sociology of Aging	
HINT 31200	Health Care and Culture	
HINT 31300	Health Care and Culture: An International Field Experience	
PSYC 36600	Adulthood and Aging	

Total Credits 18

Department of Physical Therapy

Laura Z. Gras, Professor, Department Chairperson, and Program Director

Barbara C. Belyea, *Clinical Professor, Graduate Chairperson, and Associate Department Chairperson*

The mission of Ithaca College's Department of Physical Therapy is to graduate physical therapists prepared for autonomous practice who provide compassionate, evidence-based, ethical, legal and culturally competent care to maximize the function, health and wellness of their patients, clients, and society. Our program promotes American Physical Therapy Association Core Values and prepares graduates to become life-long learners.

The Department of Physical Therapy offers a six-year, dual-degree program in clinical health studies/physical therapy. Students receive a B.S. degree in clinical health studies after four years of study and a doctor of physical therapy degree (D.P.T.) after two years of graduate study. Students must complete the D.P.T. degree to be eligible for physical therapy licensure. Students spend the summer semester following the junior year in a 10-week concentrated study of human anatomy. Students gain practical experience through full-time clinical education courses, totaling 30 weeks, at sites throughout the United States. The program is accredited by the Commission on Accreditation in Physical Therapy Education and is approved by the New York State Education Department.

Special Academic Status Policy for Clinical Health Studies and Doctor of Physical Therapy Majors

I. Curricular Requirements

A. Order and Sequence of Completion of Required Courses

- Courses must be satisfactorily completed in the order and timeframe specified in the D.P.T. curriculum made available to each student unless permission to deviate from the sequence or time frame has been approved by the department faculty.
- Students enrolled in the Bachelor of Science Clinical Health Studies program must complete all degree requirements within five years of beginning the program.
- Transfer students who are accepted into the D.P.T. program must satisfactorily complete all courses in the professional phase of the Clinical Health Studies/Physical Therapy program in the order and timeframe specified for the D.P.T. cohort which they are entering. In addition, transfer students admitted to the D.P.T. program may be required to satisfactorily complete additional courses that may be specified on a case-by-case basis by the Department's Transfer Coordinator in order to satisfy requirements normally met by completion of the pre-professional phase (years 1-3) of the Clinical Health Studies curriculum.

B. Completion of a Minor or Second Major

To fulfill degree requirements, students enrolled in the Clinical Health Studies program must complete a minor in a field of their choice or a second major by the end of the spring semester of the professional year 1.

C. Program Acceleration

At times, students in the Clinical Health Studies degree program may enter the program with a substantial number of credits derived from Advanced Placement (AP), International Baccalaureate (IB), College level Examination Program (CLEP) coursework, or

courses completed at other colleges or universities that are credited toward the Clinical Health Studies degree requirements. Such students may be able to complete the requirements within the first 2 academic years of the degree program as opposed to the normal three academic years. If such is the case, a student may apply for program acceleration which, if approved, would move the student from their current class to the next class or cohort. To apply for program acceleration:

1. the student completes and submits an acceleration application to the academic advisor who notes a recommendation (approve/deny) with reasons;
2. the advisor forwards the application with recommendation to the Chair; and
3. the Chair reviews the application, approves/denies the request and notifies the student regarding the decision.

II. Student Functional Performance Requirements

Physical therapists must have the physical and mental capacity to safely and effectively evaluate and manage the individuals they serve. A document titled "Essential Functions for Physical Therapy Practice" describes in detail the emotional, communication, cognitive, sensory/motor, and social-behavioral functions a student should be able to perform in order to practice physical therapy. Students are provided with a printed copy of the essential functions document during pre-professional year 1 and are asked to acknowledge by signature receipt of the document. In addition, for pre-professional year 1 students, the essential functions are discussed in required academic coursework during their first academic year in residence. For students transferring into the program, the essential function document will be provided to them upon entrance into the program. All students will be advised to discuss the essential function document with their academic advisor. For all students, the document is also available on the Physical Therapy Department student Sakai site. Students with documented disability will not be precluded from participating in the program; however, such students will need to be able to perform all functions with reasonable accommodation.

III. Policies and Procedures for Academic Performance

The following sections describe those policies and procedures related to academic status and define categories of academic performance. Criteria for College or School academic status (warning, suspension, or dismissal) are specified in the Undergraduate Catalog (<https://catalog.ithaca.edu/undergrad/academic-information/academic-affairs/>). The criteria below apply to *departmental* academic status.

A. Student Academic Performance Review

Grade point averages will be reviewed upon completion of each academic semester (fall or spring excluding summer term). The faculty will review the records of students with academic deficiencies to determine their academic status. Academic warning, suspension, or dismissal notices will be sent to the student by the Chair of the Department of Physical Therapy. When necessary, these letters will specify criteria for reinstatement of good standing and time limitations.

1. Academic Status Categories

- a. *Good Academic Standing*: A student is in good academic standing if they have met all academic standards, have no documented concerns regarding professional behavior

and are on track to complete program requirements in the scheduled timeframe.

b. Departmental Academic Warning: Placement of a student on academic warning indicates that a student has a serious deficiency that, if not corrected, will result in suspension or dismissal from the Clinical Health Studies/Physical Therapy program. Such students may be allowed to progress in the curriculum only under conditions specified and approved by the department faculty. Remediation for removal of academic warning status will be determined by the department faculty. Notice of departmental academic warning will not be sent to the college Registrar.

An undergraduate student in the Clinical Health Studies/Physical Therapy major will be placed on academic warning within the Department of Physical Therapy for any of the following reasons:

- receives less than a C- grade in any required course;
- drops or withdraws from any required course;
- does not complete the required courses in the normal timeframe and sequence of the cohort to which they are assigned;
- fails to remove an incomplete grade by the date specified by the course instructor;
- receives less than a 3.2 GPA during a semester taking required graduate (500 level or higher) courses;
- has a documented pattern of unprofessional behavior; or
- receive a grade of Unsatisfactory (U) from an ICE course

Undergraduate students on academic warning due to unsatisfactory performance in an integrated clinical experience (ICE) may progress with didactic coursework while completing a remediation and repeat ICE course. Removal of academic warning status will occur upon successful completion of the remediation plan AND successful completion of the repeat ICE course.

2. Dismissal from the Program

An undergraduate student is subject to dismissal from the Clinical Health Studies/Physical Therapy program for any of the following reasons:

- receives less than a C- grade in two or more required courses in the same semester;
- is a pre-professional year 1 or pre-professional year 2 student on academic warning who fails to successfully complete (with grades of C- or better) at least 12 credit hours in a semester;
- has less than a 3.0 cumulative GPA at the end of pre-professional year 2;
- has less than a 3.2 cumulative GPA at the end of the pre-professional year 3;
- is a pre-professional year 3 student or professional year 1 student who has been on academic warning for any semester, and who receives less than a C-

(or fails to remove a grade of I in the specified time period) in any required course;

- is a professional year 1 student who receives less than a C- grade (or fails to remove a grade of I in the specified time) in any required course;
- fails, drops, or withdraws from any two required courses;
- withdraws from a required course while on academic warning;
- has repeated documented instances of unprofessional conduct;
- fails to successfully complete departmental remediation as prescribed by the faculty within the allotted time; or
- receives an Unsatisfactory (U) in more than one ICE course

3. Suspension

An undergraduate student who is subject to dismissal from the program may, under extenuating circumstances, be granted a suspension from the program by the department faculty. A student who is suspended:

- may not enroll in courses offered within the major;
- may apply for a leave of absence from Ithaca College in accordance with College policy; or
- may be reinstated upon satisfactory completion of conditions specified by the Department of Physical Therapy at the time of suspension.

4. Petition for Waiver of Departmental Academic Policy

Undergraduate students who have been placed on warning, suspended, or dismissed from the program according to policy may petition the faculty of the Department of Physical Therapy to waive Departmental academic policy. Information for filing a petition can be obtained from the Department office. Department faculty review petitions to waive academic policy and make a recommendation to the Dean of HSHP, who renders a decision. Students have the right to appeal an academic decision with the Office of the Provost.

5. Eligibility for Admission into the Doctor of Physical Therapy Program

To be eligible for admission to the Doctor of Physical Therapy Program, undergraduate students must have completed the B.S. degree in Clinical Health Studies with a GPA of 3.2 or higher, *AND a GPA of 3.2 or higher for all professional year 1 PTBS 50000 level courses.*

Majors

- Clinical Health Studies Major — B.S. (p. 365)

PTBS 10100 Introduction to Physical Therapy (NLA)

An overview of the history of the physical therapy profession. Orientation to the responsibilities of a physical therapist and to the practice of physical therapy in a variety of environments, including musculoskeletal, neuromuscular, cardiovascular and pulmonary, integumentary, pediatric, and older adults will be discussed. Information regarding the representative professional association, clinical specialization, residency and fellowship will be presented. (F,S,Y)

1 Credit

PTBS 10200 Introduction to the Profession of Physical Therapy (NLA)

Orientation to the responsibilities and activities of physical therapists, the practice environments, representative professional association, and related professional literature. Experiential activities are included to enhance learning. (F or S,Y)

0.5 Credit

PTBS 20100 Introduction to the Practice of Physical Therapy (LA)

Orientation to the practice of physical therapy, including musculoskeletal, neuromuscular, cardiovascular and pulmonary, integumentary, pediatric, and older adults. Prerequisites: PTBS 10200. (F or S,Y)

0.5 Credit

PTBS 31300 Clinical Physiology (NLA)

The study of human physiology from a clinical perspective, addressing normal function in the primary physiological systems and how therapeutic interventions influence system functions. Introduces pathophysiological syndromes common to patients receiving therapy. Describes physiological responses in patients receiving specific physical or occupational therapy interventions. Prerequisites: One course in CHEM. Corequisite: BIOL 20600; open to clinical health studies and occupational science majors. (S,Y)

3 Credits

PTBS 31400 Pathology for Physical Therapists (NLA)

Examination of the components of the general processes of disease and injury, and some specific components of selected diseases likely to be encountered in physical therapy practice. General pathology topics described include: cell and tissue injury, inflammation, and the healing and repair process. Details on specific diseases include: musculoskeletal, cardiovascular, pulmonary, integument, and nerve systems. Emphasis will be placed on understanding the underlying mechanisms of structural and functional disruptions for adults, with secondary comparisons to pathology across the lifespan. This course provides background information necessary for subsequent physical therapy courses and patient treatments. Corequisites include BIOL 20600 and PTBS 31300. Prerequisites: PTBS 10100. (S,Y)

3 Credits

PTBS 39900-39919 Selected Topics in Physical Therapy

Clinical and professional topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. Satisfactory/D/Failure only. 0.(IRR)

0.5-3 Credits

PTBS 40000 Mobility Training (NLA)

An introduction to patient/client care techniques related to mobility training, including bed mobility, transfer training, gait training with a variety of assistive devices, and wheelchair mobility. Students are familiarized with the initial steps in the patient-therapist relationship including professional behaviors and oral communication. Review of cardiovascular systems is also included. The emphasis throughout the course is to develop the skills necessary to ensure the safety of both the patient/client and the student in a clinical environment. Prerequisite: PTBS 10100, junior standing, limited to Clinical Health Studies majors. (S,Y)

1 Credit

PTBS 40100 Professional Development I (NLA)

Introduction to professionalism including professional and ethical behavior, as well as our professional organization. Instruction to develop effective listening skills. Preparation to teach in a variety of settings and formats for academic, clinical, and professional purposes. Instruction will include teaching/learning theories and styles, ability to adapt teaching for a variety of audiences, domains of learning, instructional objectives, teaching methods, instructional technology, and feedback. Prerequisites: PTBS 10100, junior standing, limited to Clinical Health Studies majors. (S)

1 Credit

PTBS 49900-49903 Independent Study (NLA)

This course, which requires a faculty sponsor, allows students to complete an in-depth study or project in an area of their interest related to physical therapy. Includes a final presentation. Prerequisites: Permission of faculty sponsor, academic adviser, department chair, and dean. May be repeated for a total of six credits. (F,S,Y)

1-6 Credits

PTBS 50000 Documentation for Physical Therapy (NLA)

Introduction to written documentation of physical therapy services using the APTA Patient/Client Management Model and the International Classification of Functioning, Disability and Health Model. Topics include written documentation of initial examinations, progress notes, and discharges; legal guidelines; medical terminology; and electronic health record. Prerequisite: PTBS 40000. (Su,Y)

1 Credit

PTBS 50100 Human Anatomy (NLA)

Human Anatomy is the study of the gross anatomical components of the human body through the use of lecture and cadaver dissection. Emphasis is placed on the musculoskeletal and neurovascular systems found in the extremities, trunk, chest, and abdominal walls, and in the head and neck. Prerequisites: PTBS 31400. (U,Y)

6 Credits

PTBS 50200 Musculoskeletal I (NLA)

Application of the patient/client management model with emphasis on examination, evaluation, and diagnosis of musculoskeletal problems of the extremities. Emphasis is placed on the following skills: patient history, joint integrity and mobility, goniometry, muscle performance testing, flexibility testing, ligament testing, special orthopedic tests, and posture as it relates to the extremities. Prerequisites: PHYS 10100, PHYS 10200, and PTBS 50100. (F,Y)

4 Credits

PTBS 50300 Soft Tissue Examination and Interventions (NLA)

This lecture and laboratory course examines various methods of soft tissue examination and intervention. It is designed to expose the student to a broad spectrum of techniques, while teaching the skills of the most commonly used methods. Some of the techniques are more scientifically evidence based than others. The course will emphasize critical assessment and foster the necessity for research-based analysis. The course is also designed to develop the student's palpation skills, including the examination and evaluation of soft tissue dysfunction.

Prerequisites: PTBS 50100. (FY)

2 Credits

PTBS 50400 Applied Biomechanics (LA)

Application of mechanical principles to human movement with particular attention to the effect of forces in producing normal movement. Students are required to apply their knowledge of anatomy to understanding individual joint function, as well as the integrated function of several joints during complex activities such as the normal gait. Prerequisites: PHYS 10100, PHYS 10200, and PTBS 50100. (FY)

3 Credits

PTBS 50500 Professional Development II (NLA)

Introduction to the Practice Act, roles of paraprofessionals, professional and ethical behavior, and effective communication styles. Instruction in clinical education teams, models of clinical education, and assessment of clinical performance. Prerequisites: PTBS 40100. (FY)

Attributes: CP

1 Credit

PTBS 50600 Medical Screening I (NLA)

This course covers the principles and interpretation of diagnostic testing. Students will become competent in understanding radiologic interpretations of X-rays, Computed Tomography, MRI, Nuclear, ultrasound imaging and nerve conduction testing. Radiographic anatomy, densities, views, and structural analysis are taught using digital imaging. Patient cases will be used to compare patho-structural diagnosis with actual symptoms and clinical presentation. Prerequisites: PTBS 31400. (FY)

1 Credit

PTBS 50700 Integrated Clinical Experience I (NLA)

This first clinical education experience provides students with an opportunity to work with patients under the supervision of a faculty member. Students will apply knowledge and skills and assume appropriate responsibilities in direct patient care. Pass/Fail only.

Prerequisites: PTBS 40000, PTBS 50000. (FY,B)

1 Credit

PTBS 50800 Evidence Based Practice I (NLA)

An overview of how the research literature can guide clinical decision making and form the basis for contemporary physical therapist practice. Emphasis on how evidence is used to answer clinical questions that affect the examination process, evaluation procedures, and interventions commonly used by physical therapists. The historical background for evidence based practice will be examined at the start of this course, followed by an analysis of the fundamental components of evidence based practice. Contemporary issues in physical therapist practice will be used to illustrate various issues and topics in this course. Prerequisites: MATH 14400, MATH 14500, MATH 15500, MATH 21600 or PSYC 20700. (FY)

3 Credits

PTBS 50900 Integrated Clinical Experience II (NLA)

This second clinical education experience provides students with an opportunity to work with patients under the supervision of a faculty member in a diverse experience. Students will apply knowledge and skills and assume appropriate responsibilities in direct patient care. Pass/Fail only. Prerequisites: PTBS 50700. (S,Y,B)

1 Credit

PTBS 51000 Joint Mobilization (NLA)

Lecture and laboratory course that provides an evidence based manual therapy approach toward evaluation and management of musculoskeletal conditions using joint mobilization. Emphasis will be on enhancing the student's clinical reasoning and manual therapy skills. Prerequisites: PTBS 50200 and PTBS 50300. (S,Y)

2 Credits

PTBS 51002 Human Anatomy

Study of the gross anatomical components of the human body through the use of lecture and cadaver dissection. Emphasis is placed on the musculoskeletal and neurovascular systems found in the extremities, trunk, chest, and abdominal walls, and in the head and neck. Prerequisites: BIOL-20600. (Sum,Y)

6 Credits

PTBS 51100 Therapeutic Exercise (NLA)

A comprehensive analysis of the scientific principles of exercise commonly used in physical therapy practice. Specific exercise programs will be discussed, as well as adaptations of tissue to activity and immobilization. Prerequisites: PTBS 40200, PTBS 50200, and PTBS 50400. (S,Y)

3 Credits

PTBS 51103 Pathology for Physical Therapists (LA)

Examination of the components of general disease and injury processes and specific components of selected diseases likely to be encountered in physical therapy practice. General pathology topics described include cell and tissue injury, inflammation, and the healing and repair process. Specific focus on diseases of the musculoskeletal, cardiovascular, pulmonary, integumentary, and nerve systems. Emphasis is placed on understanding the underlying mechanisms of structural and functional disruptions for adults, with secondary comparisons to pathology across the life span. This course provides background information necessary for performing differential diagnosis and patient treatments. Prerequisites: PTBS 51002; PTBS 31300. (S,Y)

3 Credits

PTBS 51200 Acute Care (NLA)

This course will provide students with the knowledge related to and skills required in the acute care setting. Students will develop competency in acute care evaluations, interventions, and discharge planning. Both didactic and laboratory activities will be used to integrate curricular content to address the complex patient and dynamic environment encountered in acute care. Prerequisites: PTBS 40000. (FY)

2 Credits

PTBS 51300 Electrotherapeutic Modalities and Physical Agents (NLA)

The study of the biophysical, physiological, and clinical principles and procedures associated with the application of electromagnetic and acoustic energy in the clinical management of pathological conditions. Prerequisites: PHYS 10100, PHYS 10200, and PTBS 50100. (S,Y)

3 Credits

PTBS 51400 Medical Screening II (NLA)

Builds on the principles introduced in Medical Screening I allowing the students to integrate these principles into an efficient and effective patient examination. A systematic approach to evaluating a patient's history and performing a systems review allows students to identify risk factors, red flags, visceral pain patterns, and constitutional symptoms that warrant a medical referral. Decisions for recommending lab tests or imaging are based on specific medical conditions and current appropriateness criteria. Prerequisites: PTBS 50600. (S,Y)

2 Credits

PTBS 51500 Health Care Systems (NLA)

This course familiarizes students with the basic constructs of the U.S. health care system, with emphasis on how system components influence patient referrals, delivery of care, reimbursement, and outcomes.

Prerequisites: PTBS 40100. (S,B,Y)

1 Credit

PTBS 52102 Musculoskeletal Examination and Evaluation (NLA)

Introduction to the patient/client management model with emphasis on examination, evaluation, and diagnosis of musculoskeletal problems of the extremities. Emphasis is placed on the following skills: patient history, range of motion, goniometry, muscle performance testing, flexibility testing, ligament testing, special orthopedic tests, and posture as it relates to the extremities. Prerequisites: PHYS 10100; PHYS 10200; PTBS 51002. (F,Y)

3 Credits

PTBS 52203 Soft Tissue Palpation and Examination (NLA)

This lecture and laboratory course examines various methods of soft tissue examination and intervention. It covers a broad spectrum of techniques while teaching the skills of the most commonly used methods. Some of the techniques are more scientifically evidence-based than others. The course emphasizes critical assessment and the need for research-based analysis. It develops palpation skills, including the examination and evaluation of soft tissue dysfunction. Prerequisite: PTBS 51002. Corequisites: PTBS 52102; PTBS 53702. (F,Y).

2 Credits

PTBS 52304 Peripheral Joint Mobilization (NLA)

Lecture and laboratory course preparing students to incorporate passive mobility testing into the patient/client examination. Students also learn to use passive joint mobilization interventions for patient/client with peripheral joint pathologies. Prerequisites: PTBS 52102; PTBS 52203. (S,Y)

1.5 Credits

PTBS 52405 Therapeutic Exercise (NLA)

A comprehensive analysis of the scientific principles of exercise commonly used in physical therapy practice. Specific exercise programs address muscle performance, endurance, mobility, and balance impairments. Adaptations of tissue on activity and immobilization are also discussed. Prerequisites: PTBS 31300; PTBS 52102; PTBS 53702 (S,Y)

3 Credits

PTBS 53101 Electrotherapeutic Modalities and Physical Agents (NLA)

The study of the biophysical, physiological, and clinical principles and procedures associated with the application of electromagnetic and acoustic energy in the prevention and treatment of pathological conditions. Prerequisites: PHYS 10100; PHYS 10200; PTBS 51002. (S,Y)

4 Credits

PTBS 53702 Applied Biomechanics (LA)

Application of mechanical principles to human movement. Particular attention to the effect of forces in producing normal movement. Students are required to apply their knowledge of anatomy to understanding individual joint function, as well as the integrated function of several joints during complex activities such as the normal gait. Prerequisites: PHYS 10100; PHYS 10200; PTBS 51002. (F,Y)

Attributes: NS

3 Credits

PTBS 54001 Professional Development I (NLA)

Description of physical therapy as a profession in the United States, including history, professional organization, roles of the physical therapist and related personnel, and scope of practice. Prerequisites: Senior standing. (F,Y)

.5 Credit

PTBS 54102 Preclinical Conference I (NLA)

Series of sessions to explain clinical education policies and procedures and choose sites for clinical affiliations. Prerequisites: Senior standing; clinical health studies major. Pass/fail only. (Su,Y)

0 Credit

PTBS 54203 Professional Development II (NLA)

Introduction to the Practice Act, Code of Ethics, roles of paraprofessionals, professional and ethical behavior, and effective communication styles. Instruction in clinical education teams, models of clinical education, and assessment of clinical performance. Corequisite: PTBS 55501. Prerequisites: PTBS 54001. (S,Y)

Attributes: CP

1 Credit

PTBS 55501 Teaching and Learning in the Clinical Setting (NLA)

Preparation to teach in a variety of settings and formats for academic, clinical, and professional purposes. Content is applicable to community presentations, group in-services, and presentations, as well as patient/family and other individualized teaching. Includes teaching/learning theories and styles, impact of age, culture, environment, and motivation, domains of learning, instructional objectives, teaching methods, and instructional technology. Evaluation, feedback, and outcome measurements are included. (S,Y)

1 Credit

PTBS 55602 Introduction to Health Care Systems (NLA)

Constructs of the U.S. health care system, with emphasis on how parts of the system influence patient referrals, delivery of care, and reimbursement. The course focuses on the health care system's influence on rehabilitation services with emphasis on allied health. Prerequisites: PTBS 54001. (S,Y)

1 Credit

PTBS 56800 Research II: Evidence-Based Practice II

Focuses on how clinicians can evaluate, integrate, and apply research to guide clinical decision making in contemporary physical therapist practice. This course builds on and applies principles introduced to PTBS 56701 (Research I: Evidence-Based Practice I), and helps students become proficient in accessing and critically reviewing the literature to answer clinical questions. Students will evaluate and categorize specific articles that illustrate various types and levels of evidence. Students explore specific clinical questions, access the scientific literature using computer databases, and plan interventions based on strength of the available evidence. This course will prepare the student to enter the Research Seminar series in their final professional year. Prerequisites: PTBS 56701.

2 Credits

PTBS 59000-59025 Selected Topics in Physical Therapy (NLA)

Clinical and professional topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Pre-requisites: As appropriate to topics. Pass/fail only .(IRR) 0-3 Credits

PTBS 59800 Honors Seminar in Physical Therapy (NLA)

For students in the honors program. Research proposals completed in PTBS 59900 are presented and critiqued. In addition, examples of good and poor published journal articles are discussed and analyzed. Prerequisites: PTBS 59900. Note: All undergraduates taking this course for graduate credit must satisfy the conditions listed under "Course Levels." (S,Y) 1 Credit

PTBS 59900 Honors Project (NLA)

For the exceptional student who wishes to pursue graduate research. Results will be summarized in a research proposal, which is a preliminary step toward a graduate thesis. Prerequisites: PTBS 41000; permission of department chair. Note: All undergraduates taking this course for graduate credit must satisfy the conditions listed under "Course Levels." (F,Y) 3 Credits

Clinical Health Studies Major – B.S.

Note: The B.S. in clinical health studies does not provide eligibility for licensure to practice physical therapy. This degree is awarded after four years of study in the six-year combined B.S./D.P.T. program in clinical health studies/physical therapy.

Summary

Code	Title	Credits
Department requirements		42
Required courses outside major department		19-20
Integrative Core Curriculum ¹		40-42
Minor		15-21
Elective credits		1-5
Total Credits		120

¹ Please refer to "ICC" tab on our school's main page to see requirements.

Degree Requirements

Code	Title	Credits
Major Department Requirements		
PTBS 10100	Introduction to Physical Therapy	1
PTBS 31400	Pathology for Physical Therapists	3
PTBS 40000	Mobility Training	1
PTBS 40100	Professional Development I	1
PTBS 50000	Documentation for Physical Therapy	1
PTBS 50100	Human Anatomy	6
PTBS 50200	Musculoskeletal I	4
PTBS 50300	Soft Tissue Examination and Interventions	2
PTBS 50400	Applied Biomechanics	3
PTBS 50500	Professional Development II	1
PTBS 50600	Medical Screening I	1
PTBS 50700	Integrated Clinical Experience I	1

PTBS 50800	Evidence Based Practice I	3
PTBS 50900	Integrated Clinical Experience II	1
PTBS 51000	Joint Mobilization	2
PTBS 51100	Therapeutic Exercise	3
PTBS 51200	Acute Care	2
PTBS 51300	Electrotherapeutic Modalities and Physical Agents	3
PTBS 51400	Medical Screening II	2
PTBS 51500	Health Care Systems	1

Required Courses Outside Major Department

Select one of the following:		8
BIOL 11900 & BIOL 12000	Fundamentals of Biology: Cells and Bodies and Fundamentals of Biology: Ecology and Evolution ²	
BIOL 12100 & BIOL 12200	Principles of Biology, Cell and Molecular and Principles of Biology, Ecology and Evolution ²	
CHEM 12100	Principles of Chemistry ²	3
CHEM 12200	Principles of Chemistry Laboratory ²	1
CHEM 11200	Organic Chemistry and Biochemistry	3
CHEM 11400	Chemistry Laboratory	1
PHYS 10100	Introduction to Physics I ²	4
PHYS 10200	Introduction to Physics II	4
EXSS 12000	Anatomy and Physiology I	4
EXSS 12100	Anatomy and Physiology II	4
Select one of the following:		3-4
MATH 14400	Statistics for Business, Economics and Management	
MATH 14500	Statistics for the Health, Life, and Social Sciences	
MATH 15500	Basic Statistical Reasoning	
MATH 21600	Statistical Analysis	
PSYC 20700	Statistics in Psychology	

Total Credits **77-78**

¹ Counts as ICC Capstone.

² This course(s) also counts toward the Complementary Liberal Arts requirement (CLA).

Department of Recreation and Leisure Studies

Patrick Lewis, Associate Professor and Chairperson

The Department of Recreation and Leisure Studies offers two majors: outdoor adventure leadership and therapeutic recreation. These majors allow students to specialize in recreation program areas and settings of particular interest and lead to a broad range of careers in the recreation, park, and leisure professions. The program is accredited by The Council on Accreditation of Parks, Recreation, Tourism and Related Professions sponsored by the National Recreation and Park Association. Two minors are also available: one in recreation and one in outdoor pursuits. Students are also able to double major in therapeutic recreation and outdoor adventure leadership.

Please note that students are no longer being accepted into the two Recreation and Leisure Studies majors as of the fall 2021 semester.

Please note that students are no longer being accepted into the Recreation and Outdoor Pursuits minors after 12/31/2021.

Majors & Minors

- Outdoor Adventure Leadership Major – B.S. (p. 370)
- Therapeutic Recreation Major – B.S. (p. 371)
- Outdoor Pursuits Minor (p. 372)
- Recreation Minor (p. 373)

RLS 10100 Leisure and Society (LA)

Introduction to the dimensions of leisure and recreation services in modern society. Potential of recreation as related to human needs and development. Survey of agencies, organizations, and programs in the leisure service field. Preference given to Freshmen and Sophomores. Junior and seniors considered based on availability. (F-S,Y)

Attributes: 1, HM, SS, TIDE

3 Credits

RLS 10400 Cooperative Games Facilitation (NLA)

Basic concepts of cooperative games – philosophy, leadership, curriculum development, and evaluation. The course includes leadership and referee techniques, safety considerations, group dynamics, and game philosophies. A variety of game strategies are presented. Other new and innovative approaches to games are also presented. (IRR)

1 Credit

RLS 10500 Fundamentals of Leadership (LA)

Basic concepts in leadership. Examination of sources required for authentic leadership: connections, identity, integrity, and personal power. Analysis of effective leadership practices and the application to collaborative environments. (F,S,Y)

Attributes: ESTS, SO, TPJ, TWOS

3 Credits

RLS 12500 Understanding Disability: Characteristics, Causes, Services (LA)

Introduction to the wide spectrum of disabilities – including cognitive disability, mental illness, physical disability, and sensory impairment – within home, school, community, and therapeutic settings. Course focuses on abilities, rights, characteristics, and needs of people with diverse abilities. Issues are discussed in light of societal, cultural, and historical barriers. Self-advocacy, family perspectives, technological developments, and current trends in educational and rehabilitative services are also considered. Includes an experiential swim program with children of varying abilities during class time. Preference given to Freshmen and Sophomores. (F,S,Y)

Attributes: 1, DV

3 Credits

RLS 13300 Introduction to Therapeutic Recreation (NLA)

An in-depth study of the scope of therapeutic recreation. Students study the historical and philosophical foundations of the profession. The role of therapeutic recreation professionals in the spectrum of health care and human service settings serving clients with a variety of disabilities is explored. Students participate in a 20-hour field experience and interact with professionals in the field throughout the course. (F,Y)

3 Credits

RLS 13700 Leisure Travel (NLA)

Develops an understanding of tourism and its social, economic, and environmental impact as one of the world's largest and fastest growing industries. Examines travel motivation, travel trends including ecotourism, and the distinctive conditions that attract visitors to different regions of the world. Enables students to discover interesting places to visit and prepares them to deal with logistical concerns related to climate, monetary exchanges, customs, time changes, health, and safety. The role of intermediaries to facilitate travel arrangements and provide information is also examined. (S,Y)

3 Credits

RLS 14000 Mountain Biking (NLA)

An experiential introduction to the concepts, skills, and techniques of mountain biking. Topics include riding technique, equipment and maintenance, riding for health and wellness, and environmental considerations. (B,F,S)

1 Credit

RLS 15000 Rock Climbing (NLA)

An introduction to the fundamentals of rock climbing, including safety considerations. Skills taught include the care and use of equipment, knot-tying, belaying, rappelling, and a variety of movements on rock. Pass/fail only. (IRR)

1 Credit

RLS 15100 Foundations of Outdoor Adventure Pursuits (LA)

An examination of the historical, psychological, social, and philosophical foundations of outdoor adventure pursuits. (F,S,Y)

Attributes: 1, SS

3 Credits

RLS 16000 Selected Topics in Recreation and Leisure Studies (NLA)

Exploration of a specific area of recreation and leisure studies.

Topics vary based on student demand and on faculty expertise in the international faculty exchange program. (IRR)

0.5-3 Credits

RLS 17100 Introduction to Backpacking (NLA)

An experiential introduction to the concepts, skills, and techniques of backpacking. Topics include trip planning and preparation, equipment use and care, backcountry cooking techniques, navigation and safety considerations, and minimal impact practices. Course includes mandatory weekend field experience. (F-S,Y)

1 Credit

RLS 18000 Selected Topics in Adventure Skills Fundamentals (NLA)

Examines fundamental concepts and standard practices of a specific adventure skill discipline. Application of technical skills. This course involves field experiences. This course may be repeated up to six times for different selected topics. (IRR)

1 Credit

RLS 18001 Selected Topics in Wilderness Medicine (NLA)

Teaches the fundamental concepts and standard practices that are the foundation of a given skill discipline. The process is presented as the application of technical, environmental, and organizational skills. Teaches the concepts and practices that are required in various skill disciplines such as backpacking, vertical environments, mountaineering, and whitewater as well as various other disciplines. This course involves field experiences. (IRR)

1 Credit

RLS 18002 Selected Topics in Winter Environments (NLA)

Teaches the fundamental concepts and standard practices that are the foundation of a given skill discipline. The process is presented as the application of technical, environmental, and organizational skills. Teaches the concepts and practices that are required in various skill disciplines such as backpacking, vertical environments, mountaineering, and whitewater as well as various other disciplines. This course involves field experiences. (IRR)

1 Credit

RLS 18003 Selected Topics in Whitewater Environments (NLA)

Examines fundamental concepts and standard practices of a specific adventure skill discipline. Application of technical skills. This course involves field experiences. This course may be repeated up to six times for different selected topics. (Y)

1 Credit

RLS 18004 Selected Topics in Vertical Environments (NLA)

Examines fundamental concepts and standard practices of a specific adventure skill discipline. Application of technical skills. This course involves field experiences. This course may be repeated up to six times for different selected topics. (Y)

1 Credit

RLS 18005 Selected Topics in Rescue (NLA)

Examines fundamental concepts and standard practices of a specific adventure skill discipline. Application of technical skills. This course involves field experiences. This course may be repeated for up to six credits for different selected topics. (Y)

1-2 Credits

RLS 19000 Selected Topics in Adventure Skill Fieldwork (NLA)

An experiential education opportunity that applies adventure skills to real-life situations. The student works in an adventure setting and is actively involved in some aspect of program planning, delivery, and direct leadership. This course may be repeated up to three times for different selected topics. Prerequisites: 1 Course from RLS 18000-18009. (Y)

2 Credits

RLS 19001 Selected Topics in Whitewater Environments (NLA)

An experiential education opportunity that applies adventure skills to real-life situations. The student works in an adventure setting and is actively involved in some aspect of program planning, delivery, and direct leadership. This course may be repeated up to three times for different selected topics. Prerequisites: Corresponding RLS 180XX. (Y)

2 Credits

RLS 19002 Selected Topics in Vertical Environments (NLA)

An experiential education opportunity that applies adventure skills to real-life situations. The student works in an adventure setting and is actively involved in some aspect of program planning, delivery, and direct leadership. This course may be repeated up to three times for different selected topics. Prerequisites: Corresponding RLS 180XX. (Y)

2 Credits

RLS 21500 Youth at Risk (LA)

Students explore, through theoretical and experiential learning, the factors that contribute to or influence the leisure, educational, and social problems of youth at risk. Included among these factors are abuse, neglect, homelessness, recent immigration, minority group membership, having single and/or addicted parents, and various kinds of family dysfunctions. An overview of developmental, social, and psychological perspectives is presented along with innovative programs for youth at risk. Includes weekend workshop (minimal fee). Prerequisites: Sophomore standing or above. (IRR)

Attributes: 1

3 Credits

RLS 21600 Outdoor Adventure Skills (NLA)

Introduction to basic skills and concepts in a variety of outdoor adventure pursuits. Skills include trip preparation, menu planning, cooking techniques, and safety considerations in both moderate and cold-weather camping. Fundamentals in backcountry travel may include backpacking, flat-water canoeing, rock climbing, kayaking, and winter travel. Component of the Immersion Semester Program with associated fees. Pre-requisites: RLS 15100; RLS 21800; permission of instructor. (S,Y)

Attributes: ESTS

3 Credits

RLS 21800 Wilderness First Responder (NLA)

Improvised resources, varying environmental conditions, and extended care used as the framework for learning to respond to medical emergencies in remote wilderness settings. Examines necessary tools to make critical medical and evacuation decisions. Certification awarded upon successful completion. Course includes required weekend or Fall/Spring break participation. Course includes fee for materials, resources, and certification exam. Prerequisites: RLS 15100; permission of instructor. (F,Y)

Attributes: ESTS

3 Credits

RLS 22000 The Wilderness Experience (LA)

Exploration of the complexity of a wilderness experience. Focuses on wilderness values and the relationship humanity has with shaping the natural environment as well as the effects wilderness has on human relationships. This is an extended field experience. Component of the Immersion Semester Program with associated fees. Prerequisites: RLS 15100; RLS 21800; outdoor adventure leadership major or outdoor pursuits minor; permission of instructor. (S,Y)

4 Credits

RLS 22300 Wilderness Literacy (LA)

Survey of works in a variety of media that focuses on the theme of wilderness as a metaphor. Examination of the important ideas, people, cultures, and deep intellectual history of the wilderness movement. Component of the Immersion Semester Program with associated fees. Prerequisites: RLS 15100; RLS 21800; outdoor adventure leadership major or outdoor pursuits minor; permission of instructor. (S,Y)

Attributes: HU

2 Credits

RLS 23200 Program Planning (NLA)

Takes students through the process of programming, including the setting and evaluation of goals and objectives. Provides opportunities to experience the implementation of ideas in the community. This course also incorporates activity analysis, leisure education, program safety and risk management, and public relations. Prerequisites: RLS 10100 and RLS 10500. (F,Y)

3 Credits

RLS 23800 Leisure and Aging (LA)

Explores the role of leisure in the aging process. Students analyze the effects of incorporating meaningful leisure activities into the lifestyles of older individuals, based on their needs and interests. Visits to facilities and interaction with older individuals in leisure settings demonstrate the importance of leisure to a healthy lifestyle for older individuals.

Prerequisites: RLS 10100 or GERO 10100. (IRR)

3 Credits

RLS 24300 Interventions and Protocols in Therapeutic Recreation (NLA)

Explores ways in which arts and related recreation activities can aid in the rehabilitation process of individuals with disabling conditions, develop individual creativity, and enhance the quality of life. Programming areas include art, music, dance, drama, writing, literary readings, movement, reminiscence, horticulture, pet therapy, and biofeedback.

Prerequisites: RLS 12500. (FY)

3 Credits

RLS 24800 Service Learning in Recreation (NLA)

An experiential education opportunity that applies program planning theories and skills to real-life situations. The student works in a leisure service agency and is actively involved in some aspect of program planning and direct leadership. This course combines classroom and agency experience. Prerequisites: RLS 10100; RLS 10500; RLS 23200 (may be taken concurrently); major or minor status in department or aging studies major. (F-S,Y)

3 Credits

RLS 25000 Intermediate Rock Climbing (NLA)

This course builds upon the fundamentals of rock climbing through more advanced application of climbing skills, techniques, site management, and contemporary climbing issues. Specific topics will include sport lead climbing, top-rope anchor building, and top-rope site management considerations for an outdoor climbing environment. This course includes a mandatory field experience. There is course fee associated with this course. Prerequisites: RLS 15000. (F-S,Y)

1 Credit

RLS 25500 Outdoor Adventures for People with Differing Abilities (NLA)

Principles and practices of planning, leading, implementing, supervising, and evaluating outdoor adventure programs for people with disabilities.

The focus is on the abilities, rights, characteristics, and needs of people with varying abilities – including cognitive disabilities, mental illness, learning disabilities, physical disabilities, and sensory impairments – that impact participation in outdoor adventure. Use of outdoor adventure as therapeutic intervention is also examined. Prerequisites: RLS 12500. (IRR)

3 Credits

RLS 27700 Sustainable Tourism (LA)

Examines sustainable tourism from an international perspective. Emphasis is placed on management of the natural resources necessary in delivering a variety of sustainable tourism attractions (wildlife, plant life, scenery). Additionally, cultural resources associated with indigenous cultures are explored. A majority of the course is spent traveling to various private and public sustainable tourism ventures (e.g., whale watching, hiking, sea kayaking). Students engage in the sustainable tourism ventures, as well as meet leisure service personnel who own, operate, and direct these ventures. Includes fee for travel, food, and gear rental. Prerequisites: Sophomore standing. (IRR)

Attributes: G, LAEL

1-3 Credits

RLS 28000 Selected Topics in Adventure Skills Management (NLA)

Emphasizes core competencies required to manage clientele in a specific adventure skill environment. This course involves field experiences. This course may be repeated up to three credits for different selected topics. May have fees associated. Prerequisites: Corresponding RLS 180xx. (Y)

2 Credits

RLS 28001 Selected Topics in Wilderness Medicine (NLA)

Emphasizes core competencies required to manage clientele in a specific adventure skill environment. This course involves field experiences. This course may be repeated up to three credits for different selected topics. May have fees associated. Prerequisites: Corresponding RLS 180xx. (Y)

2 Credits

RLS 28002 Selected Topics in Winter Environments (NLA)

Emphasizes core competencies required to manage clientele in a specific adventure skill environment. This course involves field experiences. This course may be repeated up to three credits for different selected topics. May have fees associated. Prerequisites: Corresponding RLS 180xx. (Y)

2 Credits

RLS 28003 Selected Topics in Whitewater Environments (NLA)

Emphasizes core competencies required to manage clientele in a specific adventure skill environment. This course involves field experiences. This course may be repeated up to three credits for different selected topics. May have fees associated. Prerequisites: Corresponding RLS 180xx. (Y)

2 Credits

RLS 28004 Selected Topics in Vertical Environments (NLA)

Emphasizes core competencies required to manage clientele in a specific adventure skill environment. This course involves field experiences. This course may be repeated up to three credits for different selected topics. May have fees associated. Prerequisites: Corresponding RLS 180xx. (Y)

2 Credits

RLS 33100 Supervision of Recreation Personnel (NLA)

Contemporary issues and related administrative practices associated with managing human resources in leisure services. Examining concepts, principles and objectives of personnel supervision, including functions, processes, identification and application of methods and techniques.

Prerequisites: RLS 33000. (S,O)

3 Credits

RLS 33200 Research Methods (LA)

Procedures and applications of social science research methods to recreational settings. Topics include research design, methods of data collection, and the presentation and interpretation of data. Prerequisites: RLS 10500; RLS 23200; WRTG 10600 or ICSM 108xx or ICSM 118xx; junior standing. (FY)

Attributes: QL, WI

3 Credits

RLS 33400 Leisure Education: A Therapeutic Recreation Intervention (LA)

The therapeutic recreation professional is considered a facilitator of his or her client's expanded leisure awareness. Focus is on assessing the client's leisure attitudes, skills, and options and developing individualized intervention programs to enhance independent functioning. Prerequisites: RLS 10100; junior standing. (FY)

Attributes: 1

3 Credits

RLS 33600 Commercial Recreation (NLA)

Study of commercial and entrepreneurial recreation as a major component of the leisure service delivery system. Analysis of the development potential of different types of recreation enterprises, including resources, location, risks, sources of financing, pricing, managerial requirements, marketing, and sources of technical assistance. Prerequisites: RLS 33000 or a level-2 business or economics course. (S,E) 3 Credits

RLS 34000 Inclusive Recreation and Diversity (LA)

Social stigmas of leisure choices based on disability, race, gender, sexual identity, and socio-economic status and the dynamic impact of inclusive leisure experiences on promoting social justice. Rationale for inclusion, historical context, and legislative initiatives are addressed. Prerequisites: RLS 12500. (S,Y)

Attributes: DV

3 Credits

RLS 34900 Advanced Fieldwork (NLA)

Practical in-depth work experience in a leisure service agency. Prerequisites: RLS 24800; permission of department chair. (F-S,Y) 2-9 Credits

RLS 35000 Therapeutic Recreation Process I: Introduction (NLA)

Introduction to the therapeutic recreation process, including the application of theory, client assessment, individualized treatment plan development, intervention planning, and documentation procedures. Focuses on the development and application of knowledge and skills necessary for meeting professional standards of practice, accreditation requirements, and third party payment criteria. Prerequisites: RLS 12500; RLS 13300; RLS 23200. (F,Y) 3 Credits

RLS 35300 Clinical Application in Therapeutic Recreation (NLA)

An interdisciplinary experiential learning lab at which students apply the knowledge they learn in RLS 35000 Therapeutic Recreation Process I and RLS 36000 Therapeutic Recreation Process II. Students are assigned a caseload and are responsible for assessment, treatment plan development, intervention planning, and documentation on assigned client(s). Participation in interdisciplinary team meetings is required. Prerequisites: RLS 13300. Corequisites: RLS 35000 (F); RLS 36000(S). (F-S,Y) 3 Credits

RLS 35400 Organization and Supervision of Outdoor Pursuits (NLA)

Application of principles and practices in planning, implementing, leading, supervising, and evaluating outdoor trips and programs. Study of outdoor program supervision using a variety of organizational models. Students design field-based experiences. Non-majors and non-minors considered based on availability. Prerequisites: RLS 21600; RLS 21800; outdoor adventure leadership major or outdoor pursuits minor. (F-S,Y) 2 Credits

RLS 35700 Therapeutic Recreation in the Schools (NLA)

Prepares students to deliver therapeutic recreation services to students with disabilities in public school systems, as mandated by the Individuals with Disabilities Education Act. Students learn to apply the therapeutic recreation process in a school setting and develop appropriate recreation goals for individualized education plans. Curricula to support therapeutic recreation in the schools are identified, as well as the roles therapeutic recreation specialists can play to advocate for and deliver leisure education in schools. Through a case study method, students apply concepts and techniques to an actual public school setting. Prerequisites: RLS 23300; junior standing. (IRR) 3 Credits

RLS 36000 Therapeutic Recreation Process II: Advanced Applications (NLA)

Advanced study of the therapeutic recreation process, including assessment, the design and implementation of agency-specific assessments, standardized interdisciplinary assessment instruments, and systems design intervention planning and evaluation. Focuses on interdisciplinary treatment plan development and intervention planning and documentation. Prerequisites: RLS 35000. (S,Y) 3 Credits

RLS 36600 Social and Cultural Aspects of Play (LA)

Explores qualities of play through interdisciplinary reading, experiential learning, and in-depth classroom discussion. Students learn about social and cultural aspects of play and rekindle their personal sense of playfulness. Prerequisites: Three courses from recreation, psychology, anthropology, history, music, philosophy, or sociology; junior standing. (IRR)

Attributes: 1

3 Credits

RLS 37000 Wilderness Land Use Ethics (LA)

Examination of the people and social forces that have influenced land use related to designated wilderness. Focus on philosophical and historical basis for wilderness management. Emphasizes development and promotion of a personal land-use ethic. Includes an extended field experience. Component of the Immersion Semester Program with associated fees. Prerequisites: RLS 21600; RLS 21800; outdoor adventure leadership major or outdoor pursuits minor; permission of instructor. (S,Y) Attributes: ESTS 3 Credits

RLS 39900-39903 Selected Topics in Recreation (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR) 1-3 Credits

RLS 42100 Wilderness Expedition Leadership (NLA)

Integrates human understanding, outdoor techniques, and teaching ability in expedition leadership. Emphasis on sound judgment and decision making with groups in wilderness settings. This is an extended field experience. Component of the Immersion Semester Program with associated fee. Prerequisites: RLS 15100; RLS 21800; RLS 35400; outdoor adventure leadership major or outdoor pursuits minor; permission of instructor. (S,Y) 4 Credits

RLS 43000 Adventure Education (LA)

Modern educational theory, experiential education, and adventure education theories are examined. Ethics of adventure education leadership are explored. Prerequisites: Senior standing. Outdoor adventure leadership major or Outdoor pursuits minor. (F,Y) 3 Credits

RLS 43300 Advancement and Administration of Therapeutic Recreation (NLA)

Provides an awareness and working knowledge of the skills needed to administer a therapeutic recreation department. Topics to be discussed include standards of practice, accreditation standards, third-party reimbursements, alternate funding sources, team involvement and intervention, marketing and advancement of the profession, clinical supervision, and continuous quality management as it relates to the therapeutic recreation process. Prerequisites: RLS 35000. (S,Y) 3 Credits

RLS 43500 Risk Management in Outdoor Adventure Programming (NLA)

A focused exploration of organizational, administrative, and instructor level risk management and legal liabilities. Topics include risk management and safety considerations for programs, staff, equipment, and transportation; legal issues; and crisis management. Prerequisites: RLS 21600; RLS 42100. (Y)

3 Credits

RLS 44100 Internship in Recreation and Leisure Studies (NLA)

Supervised, full-time work experience during the summer or regular academic school year in a leisure service agency. Prerequisites: Minimum cumulative GPA of 2.00; minimum GPA in RLS courses of 2.50; minimum grade of 3.00 in RLS 24800; completion of at least twenty-four credits of required recreation courses (RLS); approval of department chair. (F-S-Sum,Y)

8-12 Credits

RLS 45000-45003 Independent Study: Recreation and Leisure Studies (LA)

Individual pursuit of the solution to a problem of interest to the student and consultant faculty member. Prerequisites: RLS 33200; permission of department chair. (F-S-Sum,Y)

1-3 Credits

RLS 45300 Seminar: Professional Development (NLA)

Capstone course to develop skills necessary for professional involvement after graduation. Topics include an in-depth study of the national certification processes, professional organizations and committee involvement, and legislative and consumer advocacy skills. Students also learn to develop proposals for presentations at professional conferences and to develop professional presentation and multimedia skills. Professional publications and publication requirements are discussed. Prerequisites: Senior standing. (F,S,Y)

Attributes: CP

3 Credits

Outdoor Adventure Leadership Major — B.S.

No additional students are being admitted to this program as of Fall 2021

The mission of the outdoor adventure leadership (OAL) major is to develop visionary leaders who are prepared to change lives through effective leadership, whether in a wilderness context or a context where these transferable skills are implemented.

The OAL program delivers an innovative, intensive, and experiential curriculum that promotes the development of strong leaders capable of effectively facilitating groups through high risk environments. The program is grounded in the theory and principles of adventure and leadership strategies and is rich with opportunity for application. Embedded within a liberal arts educational community, the program embraces the many opportunities to enrich each student's experience through interdisciplinary study and fosters in each student qualities of responsibility and independent thought, respect for others, the spirit of collaboration, awareness of our environmental and cultural connections and a commitment to lifelong service and learning.

Special Academic Status Policy for Outdoor Adventure Leadership Majors

1. A student in this major must receive a semester grade of at least C- in all required RLS-prefix courses.

2. A student who fails to complete a required RLS-prefix course with a grade of at least C- must repeat the course. The Ithaca College policies on repeating courses must be followed. See "Repeating a Course" under Credit and Grade Information (p. 722).
3. A student who receives less than a C- after repeating a required RLS-prefix course will be subject to dismissal from the program. A student dismissed from the program may be eligible to enter other Ithaca College degree programs.
4. A student dismissed from a professional practicum is subject to receiving a failing grade and, in that case, must complete a prescribed program of remediation prior to a second placement. The student must register again for the practicum. A student dismissed from a professional practicum a second time is subject to dismissal from the program.
5. In exceptional cases, a student may be readmitted to the program upon satisfying conditions determined by the faculty.

At least 60 credits of liberal arts are required to graduate with a B.S. degree. All candidates for the B.S. degree in outdoor adventure leadership must complete a minimum of 120 credits in the components described below.

Summary

Code	Title	Credits
	Foundations of recreation and leisure	18
	Outdoor adventure leadership core	36
	Outdoor adventure leadership practicum	11
	Integrative Core Curriculum ¹	16-19
	Free electives	25-29
	Liberal Arts electives	11-14
Total Credits		120

¹ Please refer to "ICC (p. 319)" tab on our school's main page to see requirements.

Degree Requirements

Code	Title	Credits
FOUNDATIONS OF RECREATION AND LEISURE		
RLS 10100	Leisure and Society ¹	3
RLS 10500	Fundamentals of Leadership ¹	3
RLS 12500	Understanding Disability: Characteristics, Causes, Services ¹	3
RLS 33200	Research Methods	3
RLS 34000	Inclusive Recreation and Diversity ¹	3
RLS 45300	Seminar: Professional Development	3
OUTDOOR ADVENTURE LEADERSHIP CORE		
RLS 15100	Foundations of Outdoor Adventure Pursuits	3
RLS 17100	Introduction to Backpacking	1
RLS 18005	Selected Topics in Rescue	2
RLS 21600	Outdoor Adventure Skills	3
RLS 21800	Wilderness First Responder	3
RLS 22000	The Wilderness Experience	4
RLS 22300	Wilderness Literacy	2
RLS 23200	Program Planning	3

RLS 35400	Organization and Supervision of Outdoor Pursuits	2
RLS 37000	Wilderness Land Use Ethics	3
RLS 42100	Wilderness Expedition Leadership	4
RLS 43000	Adventure Education	3
RLS 43500	Risk Management in Outdoor Adventure Programming	3

OUTDOOR ADVENTURE LEADERSHIP PRACTICUM

Select 11 credits of the following: ²		11
RLS 24800	Service Learning in Recreation	
RLS 34900	Advanced Fieldwork	
RLS 44100	Internship in Recreation and Leisure Studies	

Total Credits 65

¹ Satisfies Complementary Liberal Arts requirement.

² A minimum of 8 credits must be earned in either RLS 34900 or RLS 44100. Practicum credits beyond the 11 required may be counted as free electives.

Internships must be approved by the department chair. To be eligible for an internship (RLS 44100) an outdoor adventure leadership major must meet the following prerequisites:

- GPA of at least 2.50 in Department of Recreation and Leisure Studies courses
- Minimum GPA of 3.00 in RLS 24800
- Cumulative GPA of at least 2.00 and at least 24 credits earned in the last 12 months
- Completion of at least 24 credits of required recreation courses (RLS xxxxx) and at least 6 credits of recreation electives (RLS xxxxx)

Therapeutic Recreation Major – B.S.

No additional students are being admitted to this program as of Fall 2021

Therapeutic recreation offers career opportunities for those who are interested in working with individuals with disabilities and other health conditions by using recreation as an intervention to promote functional independence and quality of life. Therapeutic recreation specialists assess physical, social, emotional, behavioral, cognitive, and spiritual aspects of the individual to determine their interests, abilities, strengths, and aspirations. With this information, they develop individualized treatment plans and intervention strategies to address functional limitations and support the individual's goals toward health and wellness.

Therapeutic recreation specialists utilize a wide variety of recreational activities to rehabilitate, maintain, or enhance functional abilities and fulfill an individual's goals. These activities — arts, crafts, music, dance, drama, horticulture, adventure programs, interaction with pets, sports, games, and community-based outings, to name a few — help individuals build self-esteem, interact effectively with others, develop physical and cognitive abilities, and learn new skills.

Career placements in therapeutic recreation are on the rise, and opportunities are best for individuals with a bachelor's degree. Therapeutic recreation specialists work in a variety of settings. In clinical settings, such as hospitals, mental health facilities, and rehabilitation centers, they treat or rehabilitate individuals with specific medical problems in cooperation with an interdisciplinary team of physicians, social workers, occupational therapists, and physical therapists, among others. In nursing homes and residential facilities, therapeutic recreation

specialists utilize activities to enhance general health and quality of life. In the community, therapeutic recreation specialists work with recreation department agencies, special education programs, correctional facilities, youth-at-risk agencies, and programs for older adults. In these settings, therapeutic recreation specialists develop interventions that promote self-efficacy, community inclusion, fitness, healthy leisure behaviors, and overall quality of life.

Graduates of the therapeutic recreation program are eligible to apply for certification through the National Council for Therapeutic Recreation Certification.

Special Academic Status Policy for Therapeutic Recreation Majors

1. A student in the therapeutic recreation major must receive a semester grade of at least C- in all required RLS-prefix courses.
2. A student who fails to complete a required RLS-prefix course with at least a C- grade must repeat the course. The Ithaca College policies on repeating courses must be followed. See "Repeating a Course" under Credit and Grade Information (p. 722).
3. A student who receives less than a C- after repeating a required RLS-prefix course will be subject to dismissal from the program. A student dismissed from the program may be eligible to enter other Ithaca College degree programs.
4. A student dismissed from a professional practicum is subject to receiving a failing grade and, in that case, must complete a prescribed program of remediation prior to a second placement. The student must register again for the practicum. A student dismissed from a professional practicum a second time is subject to dismissal from the program.
5. In an exceptional case, a student may be readmitted to this program upon satisfying conditions determined by the faculty.

At least 60 credits of liberal arts courses are required to graduate with a B.S. degree. All candidates for the B.S. degree in therapeutic recreation must complete a minimum of 120 credits in the various components described below.

Summary

Code	Title	Credits
	Foundations in recreation and leisure	18
	Therapeutic recreation core	27
	Human services courses	26
	Therapeutic recreation practicum	12
	Integrative Core Curriculum ¹	16-19
	LA Electives	3-6
	Free electives	15
Total Credits		120

¹ Please refer to "ICC (p. 319)" tab on our school's main page to see requirements.

Degree Requirements

Code	Title	Credits
FOUNDATIONS OF RECREATION AND LEISURE		
RLS 10100	Leisure and Society ¹	3
RLS 10500	Fundamentals of Leadership ¹	3

RLS 12500	Understanding Disability: Characteristics, Causes, Services ¹	3
RLS 33200	Research Methods	3
RLS 34000	Inclusive Recreation and Diversity ¹	3
RLS 45300	Seminar: Professional Development	3
THERAPEUTIC RECREATION CORE		
RLS 13300	Introduction to Therapeutic Recreation	3
RLS 23200	Program Planning	3
RLS 24300	Interventions and Protocols in Therapeutic Recreation	3
RLS 33400	Leisure Education: A Therapeutic Recreation Intervention	3
RLS 35000	Therapeutic Recreation Process I: Introduction	3
RLS 35300	Clinical Application in Therapeutic Recreation	6
RLS 36000	Therapeutic Recreation Process II: Advanced Applications	3
RLS 43300	Advancement and Administration of Therapeutic Recreation	3
HUMAN SERVICES COURSES		
EXSS 12000	Anatomy and Physiology I	4
EXSS 12100	Anatomy and Physiology II	4
HLTH 10200	Medical Terminology	3
HLTH 20500	Critical Health Issues	3
PHIL 23000	Bioethics	3
PSYC 10400	Introduction to Developmental Psychology	3
PSYC 32100	Abnormal Psychology	3
CMST 14000	Small Group Communication	3
	or CMST 14900 Fundamentals of Interpersonal Communication	
THERAPEUTIC RECREATION PRACTICUM		
Select 12 credits of the following: ²		12
RLS 24800	Service Learning in Recreation	
RLS 34900	Advanced Fieldwork	
RLS 44100	Internship in Recreation and Leisure Studies	

Total Credits **83**

¹ Satisfies Complementary Liberal Arts requirement.

² A minimum of 9 credits must be earned in either RLS 34900 or RLS 44100. Practicum credits beyond the 12 required credits may be counted as free electives. Students must complete a minimum of 560 hours over a period of no fewer than 14 consecutive weeks. No fewer than 20 hours and no more than 45 hours can be completed in any week.

Internships must be approved by the department chair. To be eligible for an internship (RLS 44100), a therapeutic recreation major must meet the following prerequisites:

- GPA of at least 2.50 in Department of Recreation and Leisure Studies courses
- Minimum GPA of 3.00 in RLS 24800
- Cumulative GPA of at least 2.00 and at least 24 credits earned in the last 12 months
- Completion of a majority of the therapeutic recreation professional core

Outdoor Pursuits Minor

Please note that students are no longer being accepted into the Outdoor Pursuits minor after 12/31/2021.

The outdoor pursuits minor is open to students majoring in all disciplines except outdoor adventure leadership.

Outdoor pursuits are used in many settings. Businesses are using "outward-bound" type programs with their executives. Social service agencies offer camping and outdoor adventure programs for clients. Schools are using outdoor education and camping programs as part of their curriculum. Wilderness therapy is a growing field for troubled youth and drug and alcohol programs. This academic minor program prepares students to plan, organize, and lead outdoor leadership programs of limited scope.

Special Academic Status Policy for Outdoor Pursuits Minors

1. A student in this minor must receive a semester grade of at least C- in all required RLS-prefix courses.
2. A student who fails to complete a required RLS-prefix course with a grade of at least C- must repeat the course. The Ithaca College policies on repeating courses must be followed. See "Repeating a Course" under Credit and Grade Information (p. 722).
3. A student who receives less than a C- after repeating a required RLS course will be subject to dismissal from the program.

Requirements

To provide students greater flexibility and to increase the accessibility of courses for more students to meet the minor requirements, the revised program offers two tracks:

- Track 1 for students who are able to participate in the Immersion Semester Program (ISP), which is a study-away semester; and
- Track 2 for students who are not able to participate in the ISP yet would like to gain basic outdoor leadership and program planning skills.

Code	Title	Credits
TRACK 1 (IMMERSION SEMESTER PROGRAM)		
Required courses (18 credits)		18
RLS 18005	Selected Topics in Rescue	
RLS 21600	Outdoor Adventure Skills	
RLS 22000	The Wilderness Experience	
RLS 22300	Wilderness Literacy	
RLS 37000	Wilderness Land Use Ethics	
RLS 42100	Wilderness Expedition Leadership	
Total Credits		18

OR

Code	Title	Credits
TRACK 2 (ON-CAMPUS OPTION)		
Required courses (8 credits)		8
RLS 10500	Fundamentals of Leadership	
RLS 15000	Rock Climbing	

RLS 15100	Foundations of Outdoor Adventure Pursuits	
RLS 17100	Introduction to Backpacking	
Track 2 Electives		
Select at least 9 credits from the following:		9
RLS 18000	Selected Topics in Adventure Skills Fundamentals	
RLS 19000	Selected Topics in Adventure Skill Fieldwork	
RLS 21800	Wilderness First Responder	
RLS 23200	Program Planning	
RLS 24800	Service Learning in Recreation	
RLS 27700	Sustainable Tourism	
RLS 35400	Organization and Supervision of Outdoor Pursuits	
RLS 43000	Adventure Education	
Total Credits		17

Recreation Minor

Please note that students are no longer being accepted into the Recreation minor after 12/31/2021.

The recreation minor is open to students majoring in all disciplines except outdoor adventure leadership, and therapeutic recreation.

The academic minor in recreation is designed to increase the student's awareness of the importance and extent of leisure and recreation in modern society and to prepare the student to plan, organize, and lead a recreation program of limited scope in a variety of settings.

In addition to the minimum credit requirements for this minor, students must either provide documented evidence that they have had at least 200 hours of work or volunteer experience in the areas of recreation programming or leadership with a leisure service agency, or complete the course RLS 24800.

Special Academic Status Policy for Recreation Minors

1. A student in this major must receive a semester grade of at least C- in all required RLS-prefix courses.
2. A student who fails to complete a required RLS-prefix course with a grade of at least C- must repeat the course. The Ithaca College policies on repeating courses must be followed. See "Repeating a Course" under Credit and Grade Information (p. 722).
3. A student who receives less than a C- after repeating a required RLS course will be subject to dismissal from the program.

Requirements

Code	Title	Credits
RLS 10100	Leisure and Society	3
RLS 10500	Fundamentals of Leadership	3
RLS 23200	Program Planning	3
HLTH 12200	Emergency Health Care	1

RECREATION ELECTIVES

Select 6 credits from the following: ¹ 6

RLS 12500	Understanding Disability: Characteristics, Causes, Services	
RLS 13300	Introduction to Therapeutic Recreation	
RLS 13700	Leisure Travel	
RLS 15000	Rock Climbing	
RLS 15100	Foundations of Outdoor Adventure Pursuits	
RLS 21600	Outdoor Adventure Skills	
RLS 23800	Leisure and Aging	
RLS 27700	Sustainable Tourism	
RLS 33400	Leisure Education: A Therapeutic Recreation Intervention	
RLS 33600	Commercial Recreation	
RLS 34000	Inclusive Recreation and Diversity	
Total Credits		16

¹ 6 credits (LA) required for CLA. **Note:** Complementary Liberal Arts (CLA) may be fulfilled by completing a minor containing 12 credits of Liberal Arts (LA). Students intending to fulfill CLA requirements with a minor need to carefully select their courses in order to obtain 12 credits of LA. The following courses qualify as LA: RLS 12500, RLS 15100, RLS 23800, RLS 27700, RLS 33400.

Department of Speech-Language Pathology and Audiology

Lynne E. Hewitt, *Professor and Chairperson*

Students who select speech-language pathology (SLP) as their major typically are seeking to pursue a career in speech-language pathology or audiology. The Ithaca College undergraduate program in SLP provides the solid academic foundation coupled with hands-on clinical experience essential for achieving these goals. Students who successfully complete the Ithaca College undergraduate program in SLP earn a B.S. degree that provides them with the foundational knowledge and beginning clinical skills that are important for further graduate study in speech-language pathology (note that a Master's degree is required to be certified as a speech-language pathologist by the American Speech-Language-Hearing Association), or audiology (a doctoral degree in audiology is required). Students are also well prepared to enter related areas of study at the graduate level, in a variety of health- and education-related fields.

Core required coursework in the major focuses on basic human communication processes while introducing students to the study of speech, language, and hearing disorders. This core coursework is complemented by the Integrative Core Curriculum which includes carefully selected liberal arts courses. In the senior year, in addition to taking a capstone clinical methodology course, students participate in a clinical practicum.

Strengths of the Ithaca College program in SLP include the following:

1. classes in the major during the first year;
2. a minimum of 46 credits of coursework in basic communication processes and disordered communication (e.g., basic audiology, child language disorders, articulation disorders);
3. teacher education coursework that can be applied toward future certification through the New York State Education Department

(*Teaching Students with Speech and Language Disabilities* (TSSLD) certificate);

4. 25 hours of clinical observations accompanied by thoughtfully constructed professional writing assignments;
5. clinical experience working directly with clients (clinical hours earned may be applied for future certification);
6. study abroad during the junior year, if desired;
7. a minor area of study (e.g., Psychology, Deaf Studies, Education Studies) if desired; and
8. excellent preparation for graduate school.

Internal Transfers into the SLP Major

Students who are currently enrolled at Ithaca College are welcome to transfer into the speech-language pathology major. It is recommended, but not required, that students transfer prior to beginning the sophomore year. To be eligible to transfer into the major students must meet with the department chair to discuss the major. In addition, students must meet all college and departmental requirements for satisfactory academic standing. The college's online transfer request may be submitted after the chair approves and as long as all the eligibility requirements have been met.

Auto-acceptance into Graduate Program

Students in the speech-language pathology major at Ithaca College who meet minimum GPA and GRE requirements at the time of their application to the graduate program will be automatically accepted. Students who are automatically accepted into the graduate program must apply within two years following graduation from the undergraduate program.

Special Academic Status Policy for Speech-Language Pathology Majors

To maintain satisfactory academic standing, a student must

- maintain a cumulative GPA of 2.50 or above,
- complete all required departmental courses (SLPA xxxxx) with a grade of C- or better, and
- successfully complete at least 24 credits in any consecutive 12-month period.

Prior to completion of the major, the student is required to repeat required departmental courses in which they receive a grade below C-. No advanced course may be taken until all prerequisites for it have been completed with a grade of C- or better.

Academic warning: A student who fails to meet any of the requirements for satisfactory standing stated above will be placed on academic warning.

Dismissal: A student who fails to meet the requirements for satisfactory standing for two consecutive semesters will be dismissed from the major and also may be suspended or dismissed from the school and from Ithaca College. If remaining at Ithaca College, students must obtain entrance to another major during the semester following their dismissal; obtaining entrance to another major is the responsibility of the student.

Transfer Credit

Students who have completed courses in communication disorders at a regionally accredited institution may Petition for Transfer Credit to

have up to 4 of these courses count towards SLP degree requirements. Requests must be accompanied by a copy of the syllabus of the course taken. The department chair will review requests in consultation with the Ithaca College course instructor for the course being requested, and determine if courses are equivalent to required departmental courses; their decision is final. Transfer credit requests must comply with Ithaca College policies for Credit from External Sources (<https://catalog.ithaca.edu/undergrad/academic-information/credit-grade/>).

Majors & Minors

- Speech-Language Pathology Major — B.S. (p. 377)
- Communication Disorders Minor (p. 377)
- Deaf Studies Minor (p. 378)

SLPA 10901 American Sign Language I (LA)

Introduction to the linguistic features and core vocabulary needed to develop basic communicative competence in ASL. Students learn basic ASL grammar and apply this knowledge when using ASL to ask and answer questions, introduce themselves, exchange personal information, talk about family and friends, talk about surroundings, provide descriptions, and discuss activities. Discussion of deaf culture is infused throughout the course. Practicing conversations and active participation in and out of class are required. (F-S,Y)
3 Credits

SLPA 11010 Phonetics (NLA)

An introduction to the study of speech sounds used in the production of American English. Emphasis is placed on (1) sound to symbol transcription using the International Phonetic Alphabet, as well as (2) development of transcription speed and accuracy. Anatomy and physiology of the speech mechanism are introduced for the purpose of describing speech sound production. (F-S,Y)
3 Credits

SLPA 12000 Information Research Strategies for Speech Language Pathology and Audiology (NLA)

Develop information literacy and evidence-based practice research skills within the context of the Speech Language Pathology and Audiology. Apply research skills that include studying and time management strategies, search strategies, critical evaluation of information, information management, documentation, communication, and use of information from a variety of sources and formats in an effective and ethical manner. (S,Y)
2 Credits

SLPA 15000 Introduction to Communication Disorders (LA)

An introduction to speech, language, and hearing disorders. A variety of disorders in both children and adults is surveyed, including articulation and language disorders, stuttering, learning disability, cleft palate, cerebral palsy, voice disorders, and hearing losses. The study of these disorders includes incidence/prevalence, characteristics, causes, cultural and linguistic variations, and the impact of the disorder on the individual and society. The course is designed for and open to all students. (F-S,Y)
Attributes: 1, SS
3 Credits

SLPA 20800 Perspectives on Deafness (LA)

Examination of disability perspectives and alternatives to disability perspectives on deafness in the US. Discussion of issues related to child development (e.g., development of speech, language, and literacy) from an educational perspective. Discussion of intervention from an audiological perspective. Discussion of controversies inside and outside the deaf community related to educational and clinical interventions.

Prerequisite: SLPA 10901 with a grade of C- or better. (S,Y).

3 Credits

SLPA 20901 American Sign Language II (LA)

Students learn additional linguistic features, cultural protocols, and core vocabulary. Students practice using ASL grammar for giving directions, describing others, making requests, attributing qualities to others, and talking about family, occupations, and routines. Discussion of Deaf culture is infused throughout the course. Practicing conversations and videotaping use of ASL in and out of class are required. Prerequisites:

SLPA 10901 with a grade of C- or better. (F-S,Y)

Attributes: HU

3 Credits

SLPA 21200 Anatomy and Physiology of the Speech and Hearing Mechanisms (LA)

Anatomy and physiology of the speech and hearing mechanisms; respiration, phonation, resonance, articulation, and basic neurological concepts underlying the communication process. Prerequisites: Second-semester freshman status. (F,Y)

Attributes: NS

3 Credits

SLPA 21600 Normal Language and Literacy Development (LA)

Introduces the student to the study of language and literacy development in children. Topics include prelinguistic development, components of language, theoretical models of language acquisition, individual differences, relationships between oral and written language, and cultural and linguistic variations in language development. Prerequisites:

Sophomore standing. (F,Y)

Attributes: SS

3 Credits

SLPA 22000 Speech Sound Development and Disorders (NLA)

Study the typical speech sound development process, and causes and characteristics of delayed and atypical speech sound development; the relationship among phonological development and other language areas is also considered. Transcription of speech sound production errors, identification of articulatory and phonological error patterns, and assessment and treatment techniques are presented. Prerequisites:

SLPA 11010 with a grade of C- or better. (S,Y)

3 Credits

SLPA 23000 Child Language Disorders: Assessment and Intervention (NLA)

An introduction to the study of developmental language disorders. The course examines characteristics of language disorders in the areas of syntax, grammatical morphology, semantics, and pragmatics. The course demonstrates how to incorporate established theory into language assessment and intervention practices. Formal and informal assessment procedures are reviewed. Intervention techniques are examined, and specific intervention experiences are designed and executed. Prerequisites: SLPA 21600 with a grade of C- or better. (S,Y)

3 Credits

SLPA 24000 Basic Audiology (NLA)

Study of anatomy and physiology of the hearing mechanism, acoustics, auditory pathologies, classification of hearing disorders, and the profession of audiology. Additional topics covered include pure-tone and speech audiometry, immittance measures, and material of current interest. Prerequisites: Sophomore standing. (F,Y)

3 Credits

SLPA 24200 Aural Rehabilitation (NLA)

Study of the perceptual, psychological, and educational implications of hearing loss. The course will focus on areas significant to the (re)habilitation of individuals with hearing loss, such as identification, evaluation, remediation, and counseling. Prerequisites: SLPA 24000 with a grade of C- or better. (S,Y)

3 Credits

SLPA 30901 American Sign Language III (LA)

Emphasis is placed on development of communicative competencies in ASL conversations beyond the basic level including telling life events, describing events in time, asking for clarification, correcting, conforming, elaboration on information, agreeing and disagreeing, resolving conflicts, and giving directions. Classroom and outside activities include practicing dialogues, short stories, narratives, and short conversation. Discussion of Deaf culture is infused throughout the course. Practicing conversations and videotaping use of ASL in and out of class are required. Prerequisites: SLPA 20901 with a grade of C- or better. This course is only open to Deaf Studies minors. (F,Y)

3 Credits

SLPA 31000 Deaf Culture (LA)

Examination of deaf heritage including contributions and perspectives of leaders in the Deaf community. Examination of deafness as portrayed in literature and movies. Examination of artistic expression within the Deaf community including contemporary visual artists and the National Theatre for the Deaf. This course is the capstone course for the minor; a guided project is required, and travel to a theatrical production may be required. Prerequisite: SLPA 20800 with a grade of C- or better. (F,Y)

3 Credits

SLPA 32500 Voice and Swallowing Disorders (NLA)

Examine and understand the nature, etiology, and physiology of normal and abnormal voice and swallowing patterns. Learn about the variety of clinical procedures involved in voice and swallowing evaluations. Gain knowledge in the available instrumental procedures used in the study of voice and swallowing disorders. Explore a variety of intervention strategies for voice and swallowing disorders. Prerequisite: SLPA 21200. (S,Y)

3 Credits

SLPA 33000 Advanced Clinical Audiology (NLA)

An in-depth exploration of clinical audiology with hands on experiential learning. Topics include but are not limited to diagnostic procedures, hearing technology, special populations, and patient-centered practice. Students engage in active learning through integrating lecture materials, hands-on activities, lab work, and group projects. Prerequisites: SLPA 24000 with a grade of B or higher; SLPA 24200 with a grade of B or higher. (F,Y)

3 Credits

SLPA 35900 Communication Disorders in the Aging Population (LA)

Introduces the communication disorders common to older persons. Speech and language disorders, hearing disorders, and the role of allied health professionals are examined. Prerequisites: Any 10000-level GERO course or BIOL 20500 or SLPA 21200, at least one of which must be completed with a grade of C- or better. (S,Y)

Attributes: SS

3 Credits

SLPA 36000 Brain Science (LA)

Addresses the basic structure and function of the brain with a special focus on the neuroscience of communication. Relationships between different lesion sites in the brain and the communication breakdowns that they produce will be introduced. Prerequisites: SLPA 21200 with a grade of C- or better. (F,Y)

3 Credits

SLPA 36500 Basic Speech Science (LA)

Introduces the undergraduate student in speech-language pathology to topics in speech science. Areas covered include an overview of the acoustics of sound, the glottal spectrum, acoustics of consonant and vowel production and perception, suprasegmentals, and instrumentation. Prerequisites: SLPA 21200 with a grade of C- or better. (S,Y)

Attributes: NS

3 Credits

SLPA 37000 Clinical Observation (NLA)

An intensive clinical observation experience is provided in conjunction with classroom instruction focusing on designing individualized intervention programs, writing behavioral objectives, and general case management strategies. This course is only open to Speech-Language Pathology majors. Prerequisite: SLPA 22000, SLPA 23000 with a grade of C- or better. (F,S,Y)

3 Credits

SLPA 39900-39904 Selected Topics in Speech-Language Pathology and Audiology

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. (IRR)

1-3 Credits

SLPA 42900 Tutorial in Speech-Language Pathology (NLA)

Intensive study in speech-language pathology for advanced students. The student presents a written proposal to an instructor who is chosen by the student to direct the tutorial. After the instructor agrees to direct the tutorial, copies of the proposal are forwarded to the student's adviser and chairperson for final approval. This procedure must be completed prior to registration. Prerequisites: Junior standing; permission of adviser and department chair. (F-S,Y)

1-3 Credits

SLPA 44900 Tutorial in Audiology (NLA)

Intensive study in audiology for advanced students. The student presents a written proposal to an instructor who is chosen by the student to direct the tutorial. After the instructor agrees to direct the tutorial, copies of the proposal are forwarded to the student's adviser and chairperson for final approval. This procedure must be completed prior to registration. Prerequisites: Junior standing; permission of adviser and department chair. (F-S,Y)

1-3 Credits

SLPA 45200 Diagnosis and Appraisal in Speech-Language Pathology (NLA)

Develops proficiency in clinical interviewing as well as test administration and scoring, primarily in the areas of oral-facial inspection, articulation and child language. Specific procedures are then developed and practiced outside of class meetings. An evidence-based practice model guides clinical decisions for planning, interviewing, evaluating, interpreting findings, and for documentation. Prerequisites: SLPA 22000, SLPA 23000 with a grade of C- or better, MATH 14500 or MATH 15500 or PSYC 20700, and senior standing. (F,S)

3 Credits

SLPA 45400 Speech and Language Disabilities in Educational Settings (NLA)

Focus on the organization and management of speech and language programs in a variety of settings, including categories of disability, identification and evaluation procedures, models of service delivery, evidence-based practice, a workload approach, cultural considerations, and the development of professional relationships. Implications of applicable federal and state statutes covering service provision also are discussed. Prerequisite: SLPA 37000 with a grade of C- or better. (F-S,Y)

3 Credits

SLPA 45900 Communication Disorders in Culturally Diverse Populations (NLA)

Cultural pluralism as it relates to communication disorders in the United States; its impact on the professions of speech-language pathology and audiology; and sociolinguistic issues of dialect, communication style, and attitudes toward them. Discussion includes cultural factors that may influence the acquisition of speech and language; incidence and variation of specific speech and language disorders among diverse populations; assessment and treatment procedures that accommodate cultural differences; goal selection strategies; selection of unlisted materials; educational implications; and specific intervention cases. Prerequisites: Senior standing or permission of instructor; only open to Speech-Language Pathology majors. (S,Y)

3 Credits

SLPA 47200 Clinical Methods (NLA)

This capstone course provides in-depth discussion of the clinical process with emphasis on assessment and intervention strategies, therapy approaches, and principles. This course is open only to Speech-Language Pathology majors. Prerequisites: SLPA 37000 with a grade of C- or better; senior standing. Corequisites: SLPA 47300. (F,S,Y)

Attributes: CP

3 Credits

SLPA 47300 Clinical Practicum (NLA)

Applied, supervised clinical practicum experience in speech-language pathology that provides the opportunity to interact with clients. Involves developing and implementing a program of therapy, preparing lesson plans, and writing progress reports. Prerequisites: SLPA 37000 with a grade of C- or better. Corequisites: SLPA 47200. This course is only open to Speech-Language Pathology majors. (F-S, Y)

1 Credit

SLPA 49900-49902 Independent Study in Speech-Language Pathology/Audiology (NLA)

Individual investigations (in-depth study, research, reading) related to Speech-Language Pathology or Audiology that are not fully covered by regular coursework. Arranged individually between the student and faculty sponsor according to the guidelines set forth by the school of HSHP. Prerequisites: Approval of the faculty sponsor, advisor, department chair, and dean. (F-S,IRR)

1-3 Credits

Speech-Language Pathology Major – B.S.

Summary

Code	Title	Credits
	Speech-Language Pathology and Audiology Degree Requirements	69-77
	Integrative Core Curriculum ¹	22
	Free Electives	21-29
Total Credits		120

¹ Please refer to "ICC (p. 319)" tab on our school's main page to see requirements.

Degree Requirements

Code	Title	Credits
SLPA Courses		
SLPA 11010	Phonetics	3
SLPA 12000	Information Research Strategies for Speech Language Pathology and Audiology	2
SLPA 15000	Introduction to Communication Disorders	3
SLPA 21200	Anatomy and Physiology of the Speech and Hearing Mechanisms	3
SLPA 21600	Normal Language and Literacy Development	3
SLPA 22000	Speech Sound Development and Disorders	3
SLPA 23000	Child Language Disorders: Assessment and Intervention	3
SLPA 24000	Basic Audiology	3
SLPA 24200	Aural Rehabilitation	3
SLPA 36000	Brain Science	3
SLPA 36500	Basic Speech Science	3
SLPA 37000	Clinical Observation	3
SLPA 45200	Diagnosis and Appraisal in Speech-Language Pathology	3
SLPA 45400	Speech and Language Disabilities in Educational Settings	3
SLPA 47200	Clinical Methods (ICC-Capstone)	3
SLPA 47300	Clinical Practicum	1
SLPA Restricted Elective Course		
Select one of the following:		3
SLPA 20800	Perspectives on Deafness	

SLPA 32500	Voice and Swallowing Disorders
SLPA 33000	Advanced Clinical Audiology
SLPA 35900	Communication Disorders in the Aging Population
SLPA 45900	Communication Disorders in Culturally Diverse Populations

Science Courses

BIOL xxxxx	Biological science elective (at least 3 credits)	3
Select one of the following:		3-4
PHYS xxxxx	Physical science elective	
CHEM xxxxx	Physical science elective	

Language Courses

Language other than English		
2 consecutive courses in ONE language: ASL counts for SLP majors		0-6

Statistics Course

Select one of the following:		3-4
MATH 15500	Basic Statistical Reasoning (ICC-QL)	
MATH 14500	Statistics for the Health, Life, and Social Sciences (ICC-QL)	
PSYC 20700	Statistics in Psychology (ICC-QL)	

Humanities and Social Science Courses

PSYC 10400	Introduction to Developmental Psychology (ICC-CLA)	3
HIST XXXXX	History Elective (ICC-CLA)	3

Teacher Education Courses

EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
EDUC 21010	Educational Psychology (ICC-CLA)	3
EDUC 34000	Social and Cultural Foundations of Education (ICC-DV, CLA)	3

Total Credits **69-77**

Communication Disorders Minor

Open to students in all majors except speech-language pathology. The minor is designed to increase students' understanding of communication disorders.

Prior to registering for the minor, students must meet with the Department of Speech-Language Pathology and Audiology faculty member who serves as the Communication Disorders Minor advisor. A faculty advisor in the Department of Speech-Language Pathology and Audiology will be assigned to each student in the minor.

Requirements

Code	Title	Credits
All students must take the following course:		
SLPA 15000	Introduction to Communication Disorders	3
ELECTIVES		
Students must take at least 15 credits from the lists below: at least 3 of these credits must be taken from the speech-language and hearing disorders course list.		15
BASIC HUMAN COMMUNICATION PROCESSES AND DEVELOPMENT		
SLPA 11010	Phonetics	
SLPA 21200	Anatomy and Physiology of the Speech and Hearing Mechanisms	
SLPA 21600	Normal Language and Literacy Development	
SLPA 24000	Basic Audiology	
SLPA 36000	Brain Science	
SLPA 36500	Basic Speech Science	
SPEECH-LANGUAGE AND HEARING DISORDERS COURSES		
SLPA 22000	Speech Sound Development and Disorders	
SLPA 23000	Child Language Disorders: Assessment and Intervention	
SLPA 24200	Aural Rehabilitation	
SLPA 32500	Voice and Swallowing Disorders	
SLPA 35900	Communication Disorders in the Aging Population	
Total Credits		18

Note: The above courses may have prerequisites; refer to the course descriptions.

Guidelines on course sequencing and other requirements are available at the department office, Smiddy Hall 301.

Deaf Studies Minor

The Deaf Studies minor is designed to develop the use of American Sign Language and increase the student’s understanding of deafness and Deaf culture. Students majoring in all disciplines are eligible to apply for this minor; however, a limited number of students are accepted based on course availability.

Entrance requirements to this minor include: completion of SLPA 10901 and a cumulative GPA of 3.0 or above. Students interested in the minor should submit their application upon completion of American Sign Language I.

Prior to registering for the minor, students from outside the Speech-Language Pathology major must meet with the Department of Speech-Language Pathology and Audiology faculty member who serves as the Deaf Studies Minor advisor. After registering for the minor, students will be assigned a minor advisor. Students who are Speech-Language Pathology majors must meet with their departmental faculty advisors prior to registering for the minor; the student’s major advisor also serves as the minor advisor.

All courses for the minor, with the exception of ASL I, must be completed at Ithaca College.

Requirements

Code	Title	Credits
SLPA 10901	American Sign Language I	3
SLPA 20901	American Sign Language II	3
SLPA 30901	American Sign Language III	3
SLPA 20800	Perspectives on Deafness	3
SLPA 31000	Deaf Culture	3
Total Credits		15

NOTE: The above courses may have prerequisites; refer to the course descriptions.

Application and acceptance into the Deaf Studies minor is required prior to enrolling in American Sign Language III. Guidelines on course sequencing and other requirements are available at the department office in Smiddy Hall 301.

Physical Activity, Leisure, and Safety Programs

Patrick Lewis, Program Coordinator

The physical activity, leisure, and safety (PALS) program provides diverse, skill-oriented physical activities as part of a general education program promoting the physiological development of students, improving their fitness and motor skills, and enabling them to maintain a suitable recreation program of their choice during and after college. The PALS program offers a variety of activities in the areas of aquatics, individual and dual sports, team sports, and physical fitness. CPR and first aid courses are offered through the health education program (HLTH).

A maximum of 6 credits in PALS courses, taken as open (free) electives, may be counted toward graduation. Each school or department determines the number that may be counted toward graduation. PALS courses are offered on a pass/fail basis only.

Activity Course Registration Information

Students must register online for activity courses. In order to do so, students must select the appropriate block: block 1 (first 7 weeks of the semester) or block 2 (last 7 weeks of the semester). Students risk being automatically dropped from the course if they do not attend the first class meeting. The only exception to this rule will be with prior notice of the absence. A student who is dropped for nonattendance may apply to be added at the next class meeting. (Note: The instructor is not obligated to drop a student; students who decide not to take the course must follow the regular drop procedures.) All persons who participate in activity courses must have a health clearance on file in the College’s health center.

Some of the courses require the student to pay an extra fee to cover various instructor, equipment, and materials costs. The costs associated with these courses are noted in the course descriptions when students register.

Intercollegiate Athletic Course Registration Information

Students participating on an intercollegiate athletic team can register online for intercollegiate athletic course credit. Students who do not

make the team or who discontinue participation for any reason must drop or withdraw from the course online. Intercollegiate athletic courses are offered on a pass/fail basis only. Credit is granted either in the fall or the spring for any given sport. No late requests for credit will be honored.

PALS 00070 Women's Intercollegiate Varsity Basketball (NLA)

0-0.5 Credits

PALS 00073 Womens Intercollegiate Varsity Gymnastics (NLA)

Students participating on an intercollegiate athletic team can register online for intercollegiate athletic course credit. Students who do not make the team or who discontinue participation for any reason must drop or withdraw from the course online. Intercollegiate athletic courses are offered on a pass/fail basis only. Credit is granted either in the fall or the spring for any given sport. No late requests for credit will be honored. (S) 0-0.5 Credits

PALS 00074 Women's Intercollegiate Varsity Lacrosse (NLA)

0-0.5 Credits

PALS 00075 Women's Intercollegiate Varsity Softball (NLA)

0-0.5 Credits

PALS 00076 Women's Intercollegiate Varsity Swimming (NLA)

0-0.5 Credits

PALS 00077 Women's Intercollegiate Varsity Tennis (NLA)

0-0.5 Credits

PALS 00078 Women's Intercollegiate Varsity Volleyball (NLA)

0-0.5 Credits

PALS 00079 Women's Intercollegiate Varsity Field Hockey (NLA)

0-0.5 Credits

PALS 00081 Men's Intercollegiate Varsity Football (NLA)

0-0.5 Credits

PALS 00082 Men's Intercollegiate Varsity Soccer (NLA)

0-0.5 Credits

PALS 00083 Women's Intercollegiate Varsity Soccer (NLA)

0-0.5 Credits

PALS 00084 Men's Intercollegiate Varsity Cross-Country (NLA)

0-0.5 Credits

PALS 00086 Women's Intercollegiate Varsity Track and Field (NLA)

0-0.5 Credits

PALS 00091 Men's Intercollegiate Varsity Baseball (NLA)

0-0.5 Credits

PALS 00092 Intercollegiate Varsity Crew (NLA)

0-0.5 Credits

PALS 00094 Men's Intercollegiate Varsity Lacrosse (NLA)

0-0.5 Credits

PALS 00095 Men's Intercollegiate Varsity Tennis (NLA)

0-0.5 Credits

PALS 00096 Men's Intercollegiate Varsity Track and Field (NLA)

0-0.5 Credits

PALS 00097 Men's Intercollegiate Varsity Wrestling (NLA)

0-0.5 Credits

PALS 00098 Men's Intercollegiate Varsity Basketball (NLA)

0-0.5 Credits

PALS 00099 Men's Intercollegiate Varsity Swimming (NLA)

0-0.5 Credits

PALS 00200 Basic Swimming (NLA)

For the person who cannot swim or who can swim but wants to improve his or her strokes. Covered are the front and back crawl, elementary backstroke, breaststroke, butterfly, and sidestroke. Elementary forms of rescue are also taught. Pass/fail only. (F-S,Y) 0.5 Credit

PALS 00400 Scuba Diving (NLA)

Covers the use of fins, mask, and snorkel. Donning and ditching of the skin-diving equipment is required before going on to scuba. In scuba, rigging of the tank, taking pressure readings, buddy breathing, entries off the deck, and ditching and donning of scuba equipment are all covered. On the last day of diving, an obstacle course involving all learned skills must be negotiated. During the course, the physiology of diving and the physics of scuba will also be covered. Prerequisites: Ability to (1) swim underwater 60 feet, (2) hold breath on bottom 30 seconds, (3) surface-dive to bottom and recover a 10-pound block, (4) tread water for 30 seconds, (5) swim 10 laps (250 yards) nonstop, (6) support a victim for 5 minutes, and (7) stay afloat for 10 minutes. Pass/fail only. (IRR) 0.5 Credit

PALS 00500 Introductory Scuba Diving and Certified Scuba (NLA)

Preparation for the safe and enjoyable recreation of underwater diving. Scuba equipment is furnished. The National Aquatic School program designed for colleges is used. Successful completion of classroom, pool, and open-water sessions results in lifetime international certification. Special conditions: An extra fee is charged for this course. Students are required to complete a medical form at the first class meeting. Prerequisites: Basic swimming proficiency; signed parental or guardian's release and indemnity agreement for students under 18 years of age. Pass/fail only. (F-S,Y) 1 Credit

PALS 00600 Community Water Safety (NLA)

Participants become familiar with the potential hazards of water activities. They learn to prevent accidents and to respond effectively if an accident does occur. A swimming test is required. Pass/fail only. (IRR) 0.5 Credit

PALS 00800 Lifeguarding (NLA)

The duties and responsibilities of a lifeguard and how to carry them out; lifeguarding techniques, such as how to tow or carry a victim to safety, manage a suspected spinal injury in the water, and use rescue equipment to help rescue a distressed or drowning victim. American Red Cross first aid and basic life support CPR are included in this course. To enroll in this course, a student must successfully complete a 500-yard swim, dive to 9 feet, swim underwater 15 yards, and tread water for one minute at the first meeting. Pass/fail only. (F-S,Y) 2 Credits

PALS 00810 Lifeguarding Recertification (NLA)

A review and update of the knowledge and skills required for recertification in lifeguarding. Covers lifeguarding techniques such as how to use rescue equipment to tow a victim to safety and how to manage a suspected spinal injury in water. Students demonstrate their ability to become recertified in the American Red Cross lifeguarding program. Maybe repeated once for credit. Prerequisites: Current American Red Cross lifeguarding and CPR for the professional rescuer certificates. Pass/fail only. (S,Y) 0.5 Credit

PALS 00900 Lifeguarding Instructor (NLA)

Provides the knowledge and skills necessary to become an American Red Cross instructor for community water safety, waterfront lifeguarding, head lifeguard and lifeguarding instructor aide, and lifeguard review courses. Prerequisites: Current American Red Cross certificate in lifeguarding and pretests based on the lifeguard training written test and lifeguarding skills test. Pass/fail only. (IRR)

1 Credit

PALS 01000 Water Safety Instructor (NLA)

Trains instructor candidates to teach American Red Cross water safety courses. Topics include improving and developing skills and knowledge of swimming and water safety; applying information from the instructor candidate training course to the teaching of swimming; planning and organizing swimming courses; and ensuring students' health and safety. Prerequisites: Proficiency in basic water safety and swimming strokes; current American Red Cross certificate in emergency water safety or lifeguard training. Pass/fail only. (F-S,Y)

2 Credits

PALS 01500 Fencing (NLA)

Beginning skills, techniques, and knowledge of foil fencing. Basic etiquette and rules of bouting. Techniques and practice in officiating a bout. Tournament-style bouts during the latter part of the course. Equipment is supplied. Pass/fail only. (IRR)

0.5 Credit

PALS 01700 Cross-Country Skiing (NLA)

Provides the knowledge and skills to cross-country ski over a variety of snow-covered terrain. Proper use of equipment, walking, step turns, diagonal stride as well as uphill and downhill techniques are covered on the hills and flats surrounding the campus. Other facets covered include winter safety and planning and preparing for a ski tour. Equipment is supplied. Pass/fail only. (S,Y)

0.5 Credit

PALS 01900 Basic Alpine Skiing (NLA)

Basic downhill skiing techniques. Special conditions: A fee is charged for this course. Meets one time per week, off campus. Transportation is provided. Pass/fail only. (S,Y)

1 Credit

PALS 02000 Intermediate Alpine Skiing (NLA)

This course focuses on a review of the fundamentals of skiing with emphasis on side slipping, basic skiing movements, and learning efficient, smooth, and continuous movements. Students will be introduced to moguls, varied terrain and conditions, gates and techniques for more efficient carving and games and exercises that provide the opportunity to progress to an advanced level. Student must have previous skiing experience. A fee is charged for this course. The course meets one time per week off-campus at Greek Peak Ski Mountain Resort. Transportation to and from site is provided. Pass/fail only.

1 Credit

PALS 02100 Advanced Alpine Skiing (NLA)

This course focuses on using the skis as a tool (carving), mogul skiing, racing, varied snow conditions, short radius turns, and expert terrain. Student must have previous skiing experience and be confident skiing on black diamond trails. A fee is charged for this course. The course meets one time per week off-campus at Greek Peak Ski Mountain Resort. Transportation to and from site is available. Pass/fail only. (S,Y)

1 Credit

PALS 02200 Basic Snowboarding (NLA)

Basic downhill snowboarding techniques. Special conditions: A fee is charged for this course. Meets one time per week, off campus.

Transportation is provided. Pass/fail only. (S,Y)

1 Credit

PALS 02201 Intermediate Snowboarding (NLA)

Focuses on a review of the fundamentals of snowboarding with emphasis on side slipping, heel/toe edging movements, and learning efficient, smooth and continuous movements. Introduction to moguls, varied terrain and conditions, gates and techniques for more efficient carving. An additional fee is required for this course. Meets one time per week at Greek Peak Ski Mountain Resort. Transportation to and from site is provided. Prerequisites: Student must have previous snowboarding experience. Pass/fail only. (S,Y).

1 Credit

PALS 02202 Advanced Snowboarding (NLA)

Focuses on using the board as a tool (carving), mogul boarding, racing, varied snow conditions, short radius turns and expert terrain. An additional fee is required for this course. Meets one time per week at Greek Peak Ski Mountain Resort. Transportation to and from site is provided. Prerequisites: Student must have previous snowboarding experience. Pass/fail only. (S, Y).

1 Credit

PALS 02500 Indoor Tennis (NLA)

Fundamental tennis strokes and rules of the game; increase proficiency in playing tennis by indoor techniques. Indoor rackets and balls provided. Pass/fail only. (S,Y)

0.5 Credit

PALS 02600 Basic Tennis (NLA)

Basic strokes, including ground strokes, slice serve, and block volley techniques, for use in singles and doubles play. Coverage of related rules and strategy necessary for game play, scoring, and etiquette. For students with no formal background in either the basic fundamentals or game strategy and no knowledge of scoring, rules, or etiquette. Tennis rackets and balls provided. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 02700 Intermediate Tennis (NLA)

Review of the ground strokes, slice serve, and block volley; lob and overhead are taught, stressing their use in both singles and doubles play. More game experience. Prerequisites: Ability to demonstrate ground strokes, slice serve, and block volley. Tennis rackets and balls provided. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 02800 Advanced Tennis (NLA)

Review of all basic strokes, with emphasis on executing them more efficiently. The flat serve and auxiliary strokes such as the half volley, chop, slice, drop volley, and lob volley are taught, stressing competitive play and strategy in both singles and doubles play. Prerequisites: Mastery of ground strokes, slice serve, block volley, lob, and overhead, performed in a game situation. Tennis rackets and balls provided. Pass/fail only. (FY)

0.5 Credit

PALS 03000 Field Archery I (NLA)

Prepares students for bow hunting, including orientation to New York State hunting laws, game conservation, and bow hunting techniques as well as the development of the bare-bow technique of shooting with a heavier-weight bow than is used in target archery. When proficiency at the target-butt has been demonstrated, shooting at simulated wild-game targets takes place on a natural wooded trail. Equipment is supplied.

Pass/fail only. (IRR)

0.5 Credit

PALS 03100 Field Archery II (NLA)

An extension of Field Archery I. Pass/fail only. (IRR)

0.5 Credit

PALS 03300 Golf I (NLA)

Develops an understanding and appreciation of the game through learning basic skills such as stance, grip, and swing. If time permits and student ability warrants, a visit to a local golf course will be made. This is a beginner's course. Equipment is supplied. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 03400 Golf II (NLA)

An extension of Golf I. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 03600 Badminton I (NLA)

Fundamental skills of badminton necessary to play both singles and doubles; rules and customs involved in badminton. Content includes offensive and defensive skills, singles and doubles strategy and play, rules, and etiquette. Evaluation involves a skills test and a written exam.

Pass/fail only. (F-S,Y)

0.5 Credit

PALS 03700 Badminton II (NLA)

An extension of Badminton I. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 03800 Badminton III (NLA)

Clears, drop shots, smashes, net shots, serving, and strategy, with special emphasis on doubles play. Prerequisites: PALS 03600, PALS 03700, or permission of instructor. Pass/fail only. (IRR)

0.5 Credit

PALS 04000 Run, Walk, and Jog I (NLA)

Provides students of all ability levels with an opportunity to understand and benefit from a lifetime activity. Techniques covered are warm-ups and flexibility, aerobics, running guidelines, and jogging safety. Training methods, various types of terrain, and special running events are covered. The course concludes with a fitness evaluation. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 04100 Run, Walk, and Jog II (NLA)

An extension of Run, Walk, and Jog I. The exercise program becomes more individualized. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 04400 Paddleball I (NLA)

This is a challenging sport and an opportunity for a vigorous workout. The course is suited for the beginner as well as the more experienced player. Basic skills and game strategy are covered, but most of the class time is devoted to playing informal games. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 04500 Paddleball II (NLA)

An extension of Paddleball I. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 04800 Billiards/Table Tennis (NLA)

Introduction to skills and strategies involved in billiards and table tennis with the majority of class time spent on pocket billiards. Students will develop the ability to execute various shots as well as understand different games within each activity. Course may be repeated for up to (F-S, Y)

0.5 Credit

PALS 05000 Basic Windsurfing (NLA)

Basic boardsailing technique. The class hours are flexible after the first three sessions. Special conditions: A fee is charged for this course.

Meets off campus. Transportation is provided. A swimming test is required. Pass/fail only. (IRR)

0.5 Credit

PALS 05100 Intermediate Windsurfing (NLA)

Intended for students who have mastered the basic boardsailing techniques. The class hours are flexible after the first three sessions.

Special conditions: A fee is charged for this course. Meets off campus. Transportation is provided. Prerequisites: PALS 05000. Pass/fail only.

(IRR)

0.5 Credit

PALS 05300 Sailing-Small Boat (NLA)

For the student with little knowledge of sailing. Instruction is on sailboats with two sails. A swimming test is required. Special conditions: A fee is charged for this course. Meets off campus. Transportation is provided.

Pass/fail only. (IRR)

0.5 Credit

PALS 05500 Sailing-Catamaran (NLA)

For students who want to learn to sail a catamaran. A swimming test is required. Special conditions: A fee is charged for this course. Meets off campus. Transportation is provided. Pass/fail only. (IRR)

0.5 Credit

PALS 05700 Boating Skills and Safety (NLA)

Introduces students to basic boating skills and techniques. Basic piloting, navigation rules, legal requirements, and dealing with emergencies are discussed. Pass/fail only. (IRR)

1 Credit

PALS 05900 Gymnastics Activities I (NLA)

General gymnastics instruction for both men and women. Combines basic gymnastics instruction with progressions individually designed to bring improvement to any ability level. Provides the opportunity to increase current level of gymnastics skill. Pass/fail only. (IRR)

0.5 Credit

PALS 06000 Gymnastics Activities II (NLA)

While Gymnastics Activities I introduces students to various gymnastic events and their basic skills, Gymnastics Activities II is structured to individual specialization, so as to further develop skills and spotting techniques and to combine three or more skills. Pass/fail only. (IRR)

0.5 Credit

PALS 07600 Basketball I (NLA)

Basic offensive and defensive philosophy and skills. Course content includes lead-up drills and games in all skills, team play, and some strategy. Designed for all levels of ability. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 07700 Basketball II (NLA)

An extension of Basketball I. Pass/fail only. (F-S,Y)

0.5 Credit

PALS 08000 Volleyball I (NLA)

Introduces the skills and strategies involved in power volleyball. Class periods are spent perfecting such skills as the bump, set, serve, and block. Basic forms of offense and defense are introduced during game play. Pass/fail only. (F-S,Y)
0.5 Credit

PALS 08100 Volleyball II (NLA)

An extension of Volleyball I. Pass/fail only. (F-S,Y)
0.5 Credit

PALS 08200 Volleyball III (NLA)

Emphasizes blocking, multiple attack, defensive systems, spiking, the dink, strategy, and a consistent serve. Prerequisites: PALS 08100; PALS 08200. Pass/fail only. (S,Y)
0.5 Credit

PALS 09000 Personal Defense (NLA)

Develops, through the learning of basic skills, an appreciation of the art of defending oneself or one's loved ones and property. Students learn strategy and knowledge of vulnerable areas, legal implications, and the need for physical exercise and safety precautions. Primarily for students who want to learn basic self-defense techniques. Pass/fail only. (F-S,Y)
0.5 Credit

PALS 09100 Triathlon and Multisport Training (NLA)

Provide students with an introduction to triathlon while emphasizing the importance of cross-training in an exercise routine. Swimming, running, weight training, and biking. Combination of lecture and exercise. Course is designed for both "first time" triathletes and those interested in fine-tuning their training regimen. Twice each semester, students will participate in an intra-campus sprint triathlon which will include a .5 mile swim, 15 mile stationary bike ride and a 5k run. Fitness evaluation conducted by instructor on first class. Course may be repeated for up to Pass/fail only. (F-S,Y)
1 Credit

PALS 09300 Personal Fitness I (NLA)

Provides the skills and activities needed to achieve a high degree of physical fitness. Exercises designed to improve cardiovascular endurance, muscle tone, flexibility, and personal appearance are emphasized. This course develops an appreciation for keeping in good physical condition. Pass/fail only. (F-S,Y)
0.5 Credit

PALS 09400 Personal Fitness II (NLA)

An extension of Personal Fitness I. Pass/fail only. (F-S,Y)
0.5 Credit

PALS 09500 Personal Fitness III (NLA)

Students set their own goals by incorporating more individualized instruction in their daily programs, including jogging, weight training, flexibility exercises, and circuit training. Pass/fail only. (IRR)
0.5 Credit

PALS 09800 Basic Jujitsu (NLA)

A basic course in Dan Zan Ryu Jujitsu. Involves the study of the history, philosophy, and skills of jujitsu. The techniques are a mixture of many of the martial arts and can be used for self-defense. An additional fee for a uniform may be required. Pass/fail only. (F-S,Y)
1 Credit

PALS 10400 Dance Exercise with Weights (NLA)

For the student who desires a more difficult workout through the use of wrist weights and ankle weights. Emphasis is placed on strengthening the upper body and on toning hips and legs as students learn about cardiovascular endurance, strength, and flexibility. Pass/fail only. (IRR)
0.5 Credit

PALS 13000 Cooperative Teambuilding (NLA)

Students are challenged in individual and group activities that promote self confidence and leadership to be successful. Success requires responsibility, trust, positive attitude and the desire to have fun in a physical activity and strategic setting. May be repeated for up to Pass/Fail only. (F-S, Y)
0.5 Credit

PALS 19900-19902 Selected Topics in PALS (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. Pass/fail only. 0.(IRR)
0.5-1 Credits

PALS 19903 Sltp: PALS (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. Pass/fail only. 0.(IRR)
0.5-1 Credits

PALS 19904-19998 Selected Topics in PALS (NLA)

Topics of current interest to faculty and students. Experimental courses are offered under this course number and title. This course may be repeated for credit for different selected topics. Prerequisites: As appropriate to topics. Pass/fail only. (IRR)
0.5-1 Credits

PALS ADD Sltp: PALS

0.5-1 Credits

School of Humanities and Sciences

Melanie Stein, Dean

Brendan Murday, Associate Professor and Associate Dean for Faculty and New Initiatives

Stacia Zabusky, Associate Dean for Curriculum and Undergraduate Programs

Amy O'Dowd, Assistant Dean for Student Services

On this page, we provide information about: the Vision and Mission (p. 383) of the School of Humanities and Sciences and the Academic Support Services (p. 383) available to students in the School.

Introduction

Education in the School of Humanities and Sciences prepares students for life in a rapidly changing, multicultural, and globally inclusive world. Liberal arts programs of study are designed so that students develop intellectual flexibility, critical literacies, and the ability to integrate learning and socially responsible action. Academic programs within the school also prepare students for successful careers in the professions, public service, teaching, business and industry, theatre, and the fine arts. The bachelor of arts, bachelor of science, and bachelor of fine arts degree programs are excellent preparation for professional and graduate study.

Opportunities within the School of Humanities and Sciences are many. Through formal courses and field studies students develop an understanding and appreciation of the historical antecedents of current

social problems and engage in direct study of current social issues. In the science laboratory, on the stage, or in independent study and research, students put theory into practice. Emphasis is also placed on developing an understanding of personal and human values as reflected in literature, history, art, and philosophy.

In summary, the goal of the School of Humanities and Sciences is liberal education that encourages students to seek facts, approach problems rationally, and respond logically, sensitively, and creatively to themselves and others and to the world around them.

Vision

The School of Humanities and Sciences strives to advance the study and practice of the liberal arts as the dynamic core of our comprehensive college. We foster creative expression and critical thinking, support collaboration among disciplines and between faculty and students, and integrate scholastic excellence, disciplinary training, and civic engagement.

Mission

The School of Humanities and Sciences promotes the reasoned exchange and responsible application of disciplinary knowledge within a global society. Recognizing the endurance and relevance of the liberal arts, our diverse academic programs integrate theory and practice to address the emerging demands of our changing world. As scholars, artists, and mentors, our faculty provide an immersive learning environment grounded in dialogue and collaboration and cultivating in students the critical thinking and personal integrity necessary for academic, professional, and civic life.

Because experience tempers knowledge, we encourage our students to learn both inside and outside the classroom. In addition to disciplinary instruction and practice, we offer pedagogically meaningful curricular and co-curricular activities, such as community-based learning initiatives and professional internships. These activities embody our belief that the arts and sciences belong to and serve the greater community and that self-reflection and intellectual advancement should lead to concrete actions that benefit humanity.

Knowledge put into practice generates informed citizenship, global awareness, and social investment. The School of Humanities and Sciences prepares students to lead productive and fulfilled lives while working toward a just and sustainable world.

Academic Support Services in H&S

Academic Advising

Academic advising is an important component of a student's educational experience. To be successful in college, students must make a series of complex decisions that involve seeking information, reflecting on goals, and making choices. Although students are ultimately responsible for those decisions, the academic advising process remains crucially important in helping students complete their academic programs, benefit from a broad-based liberal arts education, and prepare for a future beyond Ithaca College.

As part of the School's efforts to support a successful advising process, H&S seeks to foster a close relationship between students and faculty in part through a program of mandatory advising. All students are assigned an academic adviser; students with declared majors are assigned an adviser within their major department. Students can expect their advisers to provide information about majors, minors, general education

requirements, graduation requirements, and other academic policies and procedures. To obtain the full benefit of the advising experience, students are encouraged to meet with their advisers not only to discuss midterm grades and course selection, but also to seek assistance with the full range of academic decisions they make during their college years.

The H&S dean's office coordinates all advising assignments within the School of Humanities and Sciences. This office is a resource center for students and faculty, with staff available to meet with students on a drop-in basis or by appointment (see our website for information about advising and other Academic Resources in H&S (<https://www.ithaca.edu/academics/school-humanities-and-sciences/current-students/>)).

Writing Center

Located in 107 Smiddy Hall, the Writing Center provides students with the opportunity to work on effective strategies for all types of written work including essays, research papers, cover letters, applications, and creative writing. Students in all disciplines — humanities and sciences, business, health sciences and human performance, communications, and music — can bring assignments at any stage in their process, whether prewriting, drafting, or editing, and in one-on-one conferences, they will receive guidance on the writing, revising, and editing process so that they can develop confidence as independent thinkers and writers. The Writing Center is staffed by trained peer tutors as well as Department of Writing faculty. The Center is open Monday through Friday 9:00 a.m.–5:00 p.m.; Sunday through Thursday evenings 7:00–10:00 p.m.; appointments are recommended. More information is available at 274-3315, or consult the Writing Center webpage (<https://www.ithaca.edu/hs/depts/writing/writingcenter/>).

Math Tutorial Room

The mathematics department is committed to the success of all students enrolled in mathematics courses. Free tutoring is available Monday through Friday in the math tutorial room (<https://www.ithaca.edu/academics/school-humanities-and-sciences/mathematics/information-students/math-tutorial-sessions/>) (Williams 318). The math tutorial room is staffed by mathematics faculty and is designed to help students enrolled in a wide variety of math courses. In addition, tutoring is also available on Monday and Thursday evenings in Williams 310. This service is staffed by advanced mathematics majors and is designed to help students in introductory mathematics courses. The department's website contains up-to-date information about the specific courses supported and the hours each room is open.

Additional Tutoring Support

The Tutoring Services Office (<http://www.ithaca.edu/tutoring/>) within the Center for Academic Advancement provides tutoring services in a range of disciplines.

Majors

Below is the list of majors offered by the departments and interdisciplinary programs of the School of Humanities and Sciences. Students who would like to design a major that integrates diverse disciplinary fields may apply for a major in Integrative Studies. Students who wish to prepare for any of the medical science professions—dentistry, medicine, optometry, osteopathy, podiatry, veterinary medicine—may do so in a variety of ways; no specific major is required to prepare for these professions (see the Health Professions Advisory Committee (<http://www.ithaca.edu/hs/pre/med/>) website for more information.)

- Acting Major — B.F.A. (p. 553)
- Aging Studies Major — B.A. (p. 463)

- Aging Studies Major — B.S. (p. 463)
- Anthropology Major — B.A. (p. 397)
- Applied Physics Major — B.S. (p. 511)
- Applied Psychology Major (p. 533) — (p. 412) B.S. (p. 533)
- Architectural Studies Major — B.A. (p. 412)
- Art Education Major — B.A. (p. 403)¹
- Art History Major — B.A. (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-art-history/art-history-major-without-concentration-ba/>).
- Art Major — B.A. (p. 402)
- Art Major — B.F.A. (p. 402)
- Biochemistry Major — B.S. (p. 414)
- Biology Major — B.A. (p. 421)
- Biology Major — B.A. with Teaching Option (p. 421)¹
- Biology Major — B.S. (p. 423).
- Chemistry Major — B.S. (p. 433)
- Communication Studies Major — B.A. (p. 439)
- Computer Science Major — B.A. (p. 445)
- Computer Science Major — B.S. (p. 445)
- Culture and Communication Major — B.A. (p. 440)
- Economics Major — B.A. (p. 449)
- English Major — B.A. (p. 487)
- English Major — B.A. with Teaching Option (p. 487)¹
- Environmental Studies Major — B.A. (p. 459)
- Environmental Science Major — B.S. (p. 460)
- History Major — B.A. (p. 475)
- Integrative Studies Major — B.A. (p. 477)
- Integrative Studies Major — B.S. (p. 478)
- Legal Studies Major — B.A. (p. 479)
- Mathematics Major — B.A. (p. 494)
- Mathematics Major — B.S. (p. 496)
- Mathematics Major — B.A. with Teaching Option (p. 495)¹
- Mathematics-Physics Major — B.A. (p. 513)
- Musical Theatre Major — B.F.A. (p. 554)
- Philosophy Major — B.A. (p. 505)
- Physics Major — B.S. (p. 512)
- Physics Major — B.A. with Teaching Option (p. 513)¹
- Politics Major — B.A. (p. 528)
- Psychology Major — B.A. (p. 534)
- Religious Studies Major - B.A. (p. 505)
- Screen Cultures Major (p. 535) — (p. 412) B.A. (p. 535)
- Spanish Major — B.A. with Teaching Option (p. 573)¹
- Social Studies Major — B.A. with Teaching Option (p. 475)¹
- Sociology Major — B.A. (p. 543)
- Stage Management Major (p. 555)— (p. 556) B.F.A. (p. 555)
- Theatre Arts Management Major — B.S. (p. 556)
- Theatre Studies Major — B.A. (p. 558)
- Theatre Production and Design Major — B.F.A. (p. 557)
- Women's, Gender, and Sexuality Studies Major (p. 560) — (p. 412) B.A. (p. 560)

- World Languages and Cultures Major (p. 573) — (p. 412) B.A. (p. 573)
- Writing Major — B.A. (p. 581)

¹ Please note that students are no longer being accepted into undergraduate teaching option majors as of the fall 2021 semester.

Minors

The minors in the H&S are academic avenues for students to broaden their education beyond the focus of their major; in addition to department-based minors, H&S offers a variety of interdisciplinary minors (p. 582) that provide opportunities for students to explore areas across department boundaries.

- African Diaspora Studies Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/interdisciplinary-studies/center-study-culture-race-ethnicity/african-diaspora-studies-minor/>)
- Aging Studies Minor (p. 464)
- Anthropology Minor (p. 397)
- Art Minor (p. 404)
- Art History Minor (p. 413)
- Asian American Studies Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/interdisciplinary-studies/center-study-culture-race-ethnicity/asian-american-studies-minor/>)
- Biology Minor (p. 423)
- Chemistry Minor (p. 434)
- Classical Studies Minor (p. 583)
- Communication Studies Minor (p. 440)
- Comparative Literature Minor (p. 574)
- Computer Science Minor (p. 446)
- Counseling Minor (p. 583)
- Dance Minor (p. 559)
- Data Science Minor (p. 496)
- Economics Minor (p. 450)
- Education Studies Minor (p. 454)
- English Minor (p. 489)
- Environmental Studies Minor (p. 461)
- French Minor (p. 575)
- Game Development Minor (p. 446)
- German Area Studies Minor (p. 575)
- Graphic Design Minor (p. 404)
- History Minor (p. 476)
- International Politics Minor (p. 529)
- Italian Studies Minor (p. 575)
- Jewish Studies Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/interdisciplinary-studies/jewish-studies/>)
- Latin American Studies Minor (p. 583)
- Latino/a/x Studies Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/interdisciplinary-studies/center-study-culture-race-ethnicity/latino-a-studies-minor/>)
- Legal Studies Minor (p. 481)
- Linguistics Minor (p. 575)

- Mathematics Minor (p. 496)
- Media Literacy Minor (p. 584)
- Medieval and Renaissance Studies Minor (p. 585)
- Muslim Cultures Minor (p. 585)
- Native American and Indigenous Studies Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/interdisciplinary-studies/center-study-culture-race-ethnicity/native-american-studies-minor/>)
- Neuroscience Minor (p. 585)
- Philosophy Minor (p. 506)
- Physics Minor (p. 514)
- Politics Minor (p. 529)
- Psychology Minor (p. 535)
- Religious Studies Minor (p. 506)
- Spanish Minor (p. 575)
- Sociology Minor (p. 544)
- Theatre Minor (p. 559)
- Translation Studies Minor (p. 576)
- Web Programming Minor (p. 446)
- Women's and Gender Studies Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/interdisciplinary-studies/womens-gender/>)
- Writing Minor (p. 582)

Integrative Core Curriculum

The Integrative Core Curriculum (ICC) is Ithaca College's liberal education program, which contributes, along with students' curricular experiences in the major, elective offerings, and out-of-class experiences, to achieving the College's expectation that Ithaca College graduates should become integrative thinkers, critical and analytical problem solvers, and reflective learners. To achieve these expectations, students completing the ICC will:

1. Address a topic, issue, problem area, or human challenge using a combination of concepts, theories, and/or methods from multiple perspectives or fields of study;
2. Apply concepts, theories, methods, or skills to analyze new questions or complex problems
3. Engage in and communicate self-reflection about their learning in the Integrative Core Curriculum, their chosen major discipline, and their overall Ithaca College experience

Requirements of the ICC

Code	Title	Credits
Ithaca Seminar		4
Themes and Perspectives Courses		12
	Creative Arts (courses designated CA)	
	Humanities (courses designated HM)	
	Natural Sciences (courses designated SC)	
	Social Sciences (courses designated SO)	
Complementary Liberal Arts		12
H&S students must select a CLA option from the list provided in the next section.		
Additional Requirements		12
	WRTG 10600 Academic Writing I (or equivalent)	
	Writing Intensive (courses designated WI) ¹	
	Diversity (courses designated DV) ¹	

Quantitative Literacy (courses designated QL) ¹

ICC Capstone (courses designated CP) ² 0-3

Completion of an e-portfolio

Total Credits 40-43

¹ Courses fulfilling this requirement may be taken anywhere in a student's coursework (as part of the Themes and Perspectives, major or minor requirements, CLA, or electives).

² ICC Capstone courses provide students with the opportunity to develop the final artifact for their e-portfolios, in which they reflect on the integration of the ICC with their major and/or minor course of study at the College.

In H&S, many programs have developed discipline-based capstone courses (the number of credits for such courses varies across departments), and in some cases have added these into the degree requirements for the major. These department-based courses have the appropriate Capstone designation. For students in programs or departments without discipline-based capstone options, the School of Humanities and Sciences offers a one-credit school-based capstone course, IISP 49800. Multiple sections of this course are offered each semester each year, taught by faculty drawn from across the school.

Complementary Liberal Arts in the School of Humanities and Sciences

Students in the School of Humanities and Sciences satisfy the 12 credit hours of Complementary Liberal Arts (CLA) coursework through a focused academic exploration of their choice. The School of Humanities and Sciences expects H&S students to use the CLA to pursue a well-rounded education that allows them to become informed and reflective citizens in the world, engaged participants who have the capacity, and the courage, to explore their own way while thinking critically and learning continually. This approach to liberal education gives students the freedom to follow their curiosity wherever it takes them. It fosters intentional thinking about what it means to pursue passions, to consider alternatives, and to truly engage with the promise of a liberal education.

By the end of their sophomore year, H&S students must select one of these *options* to fulfill the CLA:

- a declared minor program of study; **or**
- a declared second major program of study; **or**
- second language study; **or**
- an intentional, self-designed suite of related courses; **or**
- an additional option available to students in select programs

Courses that Count toward H&S CLA Credit

The courses that will count in the student's CLA must be outside the student's primary major requirements (i.e., named courses and courses from specific departments).

Courses taken to fulfill the H&S CLA must be taken for a letter grade. Courses taken in a study abroad program, the Ithaca College London Center, or Cornell University may be applied to the H&S CLA through the normal petition and transfer credit process. Because the H&S CLA is considered a unique part of the Ithaca College experience, AP credit and credit from other institutions than those above may not be used to fulfill this program.

H&S CLA Option Requirements

Minor Option and Second Major Option

Students selecting either of these options must choose a minor or second major that includes at least 12 hours of liberal arts coursework. Requirements for the primary major may not count toward the 12 hours required in the minor or second major. The second major or minor must be declared before the end of the student's fourth semester. Students must finish their declared minor or second major in order to complete the ICC. If they fail to do so, they must petition for acceptance of 12 hours of liberal arts coursework; petitions are due no later than the application for graduation deadline related to the student's anticipated graduation date.

Language Study Option

Students selecting this option must complete 12 hours of coursework in a single language other than English. The language study option must be declared before the end of the student's fourth semester.

Self-Designed Option

Students who elect this option must identify the thread that ties their CLA together and then select particular courses that will allow them to tackle the focus they have identified. Independent study courses cannot be included in the list of potential courses. Requirements for the primary major may not count toward the 12 hours required for this option. The H&S General Education Committee will review and approve student proposals for a self-designed H&S CLA. To complete the proposed plan, students will ultimately register for and successfully complete four of the courses they have listed, amending their plan as necessary to accommodate new courses or to reflect enrollment and scheduling realities.

Additional H&S CLA Options

Students in select programs have additional options for completing the CLA, as follows:

- Students majoring in *teaching option programs* (Art Education, Biology, Chemistry, Physics, English, French, German, Spanish, Social Studies, Mathematics, Mathematics-Computer Science) may use the liberal arts courses that are part of the Education Core requirements to fulfill the H&S CLA.
- Students majoring in *Culture and Communication B.A.* may use the Required Minor, provided that at least 12 credits are in liberal arts courses, to fulfill the H&S CLA.
- Students majoring in *Musical Theatre B.F.A.* may use the liberal arts courses that are part of the Music component of their degree programs to fulfill the H&S CLA.
- Students majoring in *Theatre Production and Design (design concentration) B.F.A.* may use the liberal arts courses that are required in Art, Art History, and/or Music to fulfill the H&S CLA.
- Students majoring in *Acting B.F.A., Stage Management B.F.A., Theatre Production and Design (technology concentration) B.F.A., and Theatre Arts Management B.S.* may use 6 credits of liberal arts courses that are part of the major requirements combined with an additional 6 credits of liberal arts courses outside the major to fulfill the H&S CLA.

For more information about the H&S CLA requirement and procedures for selecting an option, see the CLA information page (<https://www.ithaca.edu/academics/school-humanities-and-sciences/academic-resources/complementary-liberal-arts-cla-requirement-hs/>) in the For Current Students section of the H&S web page.

In addition to Academic Policies relating to Graduation Requirements, on this page there is also information about: credit-bearing Independent Study and Internship (p. 386) policies and processes; Dean's List and Academic

Status (p. 387) policies and procedures; and information about Internal Transfer (p. 387) into the School of Humanities and Sciences.

Academic Policies

Graduation Requirements

The following regulations apply to students enrolled in the School of Humanities and Sciences:

1. All candidates for graduation must complete the Integrative Core Curriculum (ICC), including the Complementary Liberal Arts component as required for the School of Humanities and Sciences, and requirements listed by the department of their major. Any variation from the requirements in the major field must be approved in writing by the department and dean.
2. A minimum of 120 credits, including satisfactory completion of all required departmental courses and Integrative Core Curriculum requirements, is necessary for graduation.
3. Students must select a major by the end of sophomore year.
4. In order to graduate from the School of Humanities and Sciences, a student must have a minimum cumulative GPA of 2.00 in required courses in the major and no more than two grades below C- in required courses.
5. In order to fulfill the requirements of a minor in the school, a student must have a minimum cumulative GPA of 2.00 in the courses required by the minor and no more than one grade below C- in those courses.

Students should refer to specific departmental major and minor requirements, as some departments stipulate a higher minimum grade of C and/or fewer than two grades of C or C- in required courses for successful degree completion. Departmental stipulations take precedence over the minimum requirements listed here.

Individualized Study Options: Independent Study, Fieldwork/Research, and Internship Courses

Students in good academic standing or those only on warning for deficiency of credits (see the "Academic Status" section) may undertake academic individualized projects through credit-bearing independent study, fieldwork/research, or internship courses that can be taken for either major, minor, or elective credit.

Projects developed through *independent study or fieldwork/research courses* can include directed readings on a specific topic, research or scholarship activities, creative inquiry, or community-based service learning. Normally, students should have completed appropriate coursework in preparation for these types of independent projects. For each project undertaken, students must work with a faculty mentor to prepare the required learning contract, which establishes the syllabus for the course. The learning contract should be submitted as early as possible prior to the start of the project, to facilitate timely enrollment in these individualized options. The learning contract must be reviewed and approved by the sponsoring department; students may be asked to revise their proposals prior to approval. This step must be completed so that students can be registered in the appropriate course section by the end of Add/Drop for fall and spring semesters; for winter or summer sessions, students must have all materials approved no later than the add/drop deadline determined by the Office of Extended Studies (OES).

Students interested in pursuing *internships* that have an academic component appropriate to the curriculum of the school may register in an internship course through the appropriate department. For upper-

level internship courses, a student in H&S is normally expected to have completed three-fourths of their major or minor in order to qualify for internship credit. Participation in an H&S credit-bearing internship includes basic expectations for students, faculty sponsors, and field/site supervisors that are specified in the approved H&S academic internship guidelines. For each internship undertaken, students must work with a faculty sponsor to prepare the required learning contract, which establishes the syllabus for the course. The syllabus must include required assignments in which students reflect on the connection between the practical experience and academic theories and knowledge. Programs and faculty sponsors may add additional expectations and responsibilities as needed. The learning contract must be reviewed and approved by the faculty sponsor and by the associate dean, either of whom may request edits and/or not approve credit-bearing internship projects. Confirmation from the internship site supervisor is also required before a student's internship can be approved and the student registered in the course. *All projects must be approved prior to the student beginning the internship project* (academic credit cannot be conferred retroactively for non-credit internships pursued without the required proposal/syllabus). During the academic year, all materials must be submitted to the dean's office in term prior to the start of the internship, and no later than the start of classes in fall and spring semesters, to ensure registration is completed by the end of Add/Drop. No more than 12 credits in any combination of internship projects will be counted toward the 120-credit minimum required for graduation. The number of internship credits allowed to fulfill major or minor requirements varies by department. Students should confirm the maximum number allowed to fulfill major or minor requirements prior to completing the internship learning contract.

Dean's List

Each semester, students are selected for the dean's list in recognition of superior scholastic performance. Students qualify by attaining a minimum GPA of 3.70. They must complete a minimum of 15 credits, of which at least 12 are taken for a letter grade. A grade of D or F or an incomplete (I) in a course automatically disqualifies the student from the dean's list, regardless of the overall GPA attained for that semester.

Academic Status

To meet the minimum academic standards, students must pay attention to two areas: grade point average and credits completed toward graduation. Over the period of one semester, students are required to achieve a GPA of 2.00 and to complete at least 12 credits. Over the period of two semesters, students are required to achieve a cumulative GPA of 2.00 and to complete 24 credits.

Students who fail to meet the minimum academic standards are liable to immediate suspension or to suspension after a warning period. Each case is handled on an individual basis by the student's dean. If a student's academic performance is grossly deficient, they may be suspended without warning. If the dean's review indicates that a warning before suspension is appropriate, the procedure below is followed. Students should be aware that the offer of a warning period is a privilege, based on individual review, not a right.

Definitions of Policies and Procedures of the Academic Status Committee

The Humanities and Sciences Academic Status Committee acts on behalf of the faculty and the dean of the School of Humanities and Sciences.

1. **Warning:** A formal letter notifying students that they have failed to meet the minimum school requirements for acceptable progress in grades, credits, or a combination of grades and credits, and that continued deficiencies may lead to suspension or dismissal from the School of Humanities and Sciences. Those requirements are:
 - a minimum semester GPA of 2.00;
 - a cumulative GPA of 2.00; and
 - a minimum of 24 credits completed at Ithaca College in an academic year, with a minimum of 12 credits completed at the college each semester.
2. **Final warning:** A formal letter notifying students that their academic performance is seriously deficient and that they have only one semester to improve their academic standing before suspension. Students may be placed on final warning without prior warnings if deficiencies in their grades and/or credits warrant it. Students given final warning are required to complete at least 12 letter-graded credits at an average of 2.30 or better with no incompletes (I) or Fs and no more than one grade below C. Other conditions may also be specified in the formal notification. Students who fail to meet these minimum standards will be suspended.
3. **Continuation of warning:** A second formal letter notifying students who have been on warning that they continue to be deficient in credits, grades, or a combination of credits and grades. Generally this letter is sent to students who have demonstrated some improvement over the previous semester but have not yet attained the minimum levels required to remove the formal warning. Students continued on warning are required to complete their next semester of enrollment with at least 12 letter-graded credits at a level of 2.00 or better, with no incompletes (I) or Fs and no more than one grade below C. Other conditions may also be specified in the formal notification. Students may be suspended if this level is not attained; in some cases, they may be continued on warning for one more semester.
4. **Suspension:** Formal notice to students that they are suspended from the School of Humanities and Sciences. The length of suspension is specified, and students are informed that they are ineligible to attend courses at the College in fall or spring semesters or summer sessions until a semester specified by the notification letter.
5. **Return to Ithaca College following suspension:** Students who wish to return after suspension should contact the registrar's office and complete an application. The specific requirements that must be met prior to readmission are specified in the suspension letter. Following return to the College after academic suspension, students are considered to be on final warning. That is, the minimum level of performance specified in the notification of permission to return must be attained or the student will be dismissed. In exceptional cases, the student may be permitted an additional semester of final warning by permission of the Humanities and Sciences Academic Status Committee.
6. **Dismissal:** Students who do not meet the requirements for academic performance specified on return from suspension will be dismissed from the College.

Internal Transfers into Humanities and Sciences

All Ithaca College students are required to remain for at least one semester in the school to which they were originally admitted. Thereafter, it is possible to transfer into the School of Humanities and Sciences on two different bases: through the third semester as an exploratory student or in any semester as a major in one of the humanities and

sciences disciplines. Students wishing to transfer must meet the minimum academic standards of the school: a cumulative GPA of 2.00 and completion of at least 12 credits each semester and at least 24 credits in each 12-month period. They must also have achieved a GPA of 2.00 for the semester before the transfer and have at least a 2.00 GPA in all humanities and sciences courses they have completed. Students may submit change of school forms at any time.

Admission Procedure

A change of college/school form, available in IC Workflow, found on apps.ithaca.edu (<https://apps.ithaca.edu/>), must be submitted to the dean of the School of Humanities and Sciences. Prior to submitting the form to the dean's office, students must consult with the chair of the department to which a transfer is requested.

Occasional Transfer Courses

Transfer credit for occasional courses taken at another institution after matriculation at Ithaca College may be accepted under certain circumstances. Students must receive permission to do so prior to enrollment in any coursework at another institution. The petition form for preliminary approval requires the consent of the student's adviser, the chair(s) of the department(s) to which the credit for a required course relates, and the dean.

Normally, H&S departments do not accept transfer credit for internship courses taken through other institutions, including those taken as part of study abroad programs, due to the School's requirement that faculty supervise such experiences, and that syllabi are developed and approved in advance of such an experience. Students who wish to receive transfer credit for internships taken through another institution or program must provide documentation to the department and Dean's office that shows they have met the expectations outlined in those guidelines, in addition to any other expectations that have been set by departments.

On completion of the course(s), students must have the official transcript sent to the registrar's office in order to have the credits applied to their Ithaca College transcript. Seniors are required to take their last 30 credits at Ithaca College. The deadline published on the H&S experiential learning webpage

Department of Anthropology

Bachelor of Arts

Jennifer L. Muller, Associate Professor and Chairperson

Anthropology draws on the social and natural sciences, the humanities, and the creative arts to study what it means to be human from evolutionary and cultural perspectives. We seek not just to understand what it means to be human, but to apply our knowledge for the betterment of humanity. Students who major in anthropology engage in scholarly research in the field and the laboratory. Through practical training experiences, anthropology students prepare not only for careers in anthropology, but also for those in public and community service, education, international development, law, public health, professional research, and anywhere intercultural skills are valued. For all students at Ithaca College, regardless of major, anthropology offers integrative, holistic, and cross-cultural perspectives on the human experience that are essential to a liberal arts education.

Anthropology seeks an integrated view of humanity, and thus explores the cultural, social, biological, and historical aspects of the human

experience. Anthropology may be divided into four sub-fields that reflect our interdisciplinary approach:

1. cultural anthropology, which explores the distinctive patterns, institutions, and lifestyles of cultures and societies;
2. archaeology, which seeks to reconstruct historical and prehistorical lifeways through the analysis of material remains and landscapes;
3. biological anthropology, which studies human and nonhuman primate evolution and biological and genetic diversity; and
4. anthropological linguistics, which is concerned with the interrelations between culture, power, and systems of communication

The major and minor in anthropology are designed to offer students both background and experience in all aspects of the discipline, and to promote creative research and innovative thinking on the human experience. The curriculum encompasses four levels of knowledge, critical thinking, and experience:

- Level-1 courses introduce the various subfields of anthropology, including archaeology, biological, cultural, and linguistic anthropology.
- Level-2 courses acquaint students with the diversity of the world's present and past cultures; courses also focus on exploration of human and nonhuman primate biological diversity.
- Level-3 courses apply this level of knowledge to particular cross-cultural and environmental issues and problems, such as economic development, poverty, health, culture change, primate behavior and ecology, social inequity and injustice, and research methods.
- Level-4 courses offer students the opportunity to apply their anthropological knowledge in advanced seminars and faculty-supervised research projects in a variety of settings in Ithaca, elsewhere in the United States, and internationally.

The anthropology program places a strong emphasis on student research and fieldwork as a crucial part of undergraduate training, and all majors in the department are required to engage in research and practical experience as part of their education.

Honors in Anthropology

Eligible students may apply to earn Honors in anthropology during their senior year. The process and criteria by which students may earn departmental honors to be awarded at graduation are fully described in the departmental policy on honors in anthropology, available from the chair of the department and online on the department website. Students with a GPA of 3.50 or better in their anthropology courses who wish to be considered for honors should submit their application to the department chair by February 15 in their junior year. The department also has a chapter of Lambda Alpha, the national anthropology honorary society.

Fieldwork and Research Opportunities

It is important that anthropology majors spend some time engaged in research/fieldwork. For this reason, there is a research/fieldwork requirement in the degree program that can be satisfied in a variety of ways. Fieldwork and research experience are provided in several on-campus departmental courses. In addition, the College and other institutions and organizations sponsor departmentally approved field programs outside the Ithaca area (e.g., School for International Training). It is recommended that each anthropology major participate in at least one semester-long or summer research program.

Cornell University Anthropology Courses

A reciprocal agreement between Ithaca College and Cornell University permits undergraduate students at each school to have access to courses offered on the neighboring campus if unavailable on their own. Anthropology majors at Ithaca College may take a number of Cornell anthropology credits to satisfy requirements within the major.

Language and STATISTICS

There is no language or statistics requirement for the degree in anthropology. However, for students intending to go to graduate school, both proficiency in a language other than English and statistics at the intermediate level are recommended. Language study is also highly recommended for students who plan to satisfy their fieldwork requirement in areas where languages other than English are spoken.

Support for Research and Student Development

Anthropology majors and minors are encouraged to present their research at local, regional, and national conferences. The department has an endowed fund, the Janet Fitchen Student Development Fund, which helps its advanced students cover some of the costs of attending conferences, presenting papers, and conducting fieldwork/research.

Majors & Minors

- Anthropology Major – B.A. (p. 397)
- Anthropology Minor (p. 397)

ANTH 10100 Anthropology of the World: Explorations in Cultural and Biological Diversity (LA)

Introduces cultural and biological diversity through the integrative and holistic approach of cultural anthropology, linguistics, biological anthropology, and archaeology. Explores how people from different cultures, both past and present, understand, navigate, and interact with their worlds. Introduces the basics of evolutionary theory and explores the ecology and behavior of humans, their ancestors and their primate relatives. Examines archaeological evidence of key moments in our history, e.g. advent of bipedalism, the origins of agriculture, and the creation of cities and states. (F,S,Y)

Attributes: SC, SO, TIDE, TIII

3 Credits

ANTH 10300 Biological Anthropology (LA)

Introduces the study of humans as biological beings, including evolutionary principles, primate behavior, the fossil record of human evolution, and biological variation in modern populations resulting from various factors. (F,S,Y)

Attributes: 2A, NS, SC, TIII

3 Credits

ANTH 10400 Cultural Anthropology (LA)

Explores the diversity of the world's societies, including "primitive" hunter-gatherer societies, herding pastoralists, peasant agriculturalists, and industrial peoples in rural and urban places. It emphasizes the role of culture in shaping human adaptations and human actions, and promotes understanding of other cultures. This course examines the way anthropologists do fieldwork, and looks at the contributions anthropology can make to an understanding of modernization, social change, urbanization, race relations, and cross-cultural communication. Reflecting the research experiences of individual professors, different sections of this course emphasize different cultures or regions of the world. (F,S,Y)

Attributes: 1, G, SO, SS, TIDE, TWOS

3 Credits

ANTH 10700 World Archaeology (LA)

Discusses the major achievements of prehistoric humans – from the beginning of culture circa 2.5 million years B.C. to the rise of the earliest civilizations a few thousand years ago. (F,S,Y)

Attributes: 1, G, H, SO, SS, TIII, TWOS

3 Credits

ANTH 11500 Box Office Archaeology: Movies, Mummies, and the Real Indiana Jones (LA)

Explores film-based consideration of archaeology and archaeologists. Focuses on how archaeology is portrayed in visual media through time, and how media have affected archaeology, the human past, and popular culture. The romanticized image of archaeology is compared with scientific realities, specifically the nature of archaeological data, theory, field methods, and analytical techniques. (S,Y)

Attributes: SO, SS, TIII

3 Credits

ANTH 14500 Service Learning in Native America (LA)

Field-based introduction to the history, struggles, and contemporary efforts at revitalization of Native American communities, with a focus on contributing and giving back to local Native cultures. Reading combined with hands-on activities and field experiences in the homeland of Native Americans. (U,Y)

Attributes: SO, SS, TPJ

3 Credits

ANTH 15400 Crossing Cultures: The Anthropology of International Travel (LA)

Examines tourism and travel in their various forms and the issues raised, including tourism's social impact and role in globalization, and introduces an anthropological perspective on the process of crossing cultures. In addition, the course explores such anthropological concepts as culture, ethnocentrism, cultural relativism, value conflict, and culture shock, relying on both first-person and novelistic accounts by anthropologists and other travelers, as well as analyses by tourism professionals. In the process, students consider the qualitative difference between tourism and travel – from the perspective of both hosts and guests – with a goal of becoming more introspective tourists and travelers. (IRR)

Attributes: SO, TWOS

3 Credits

ANTH 19000 Selected Topics in Anthropology (LA)

Special courses may be offered at the introductory level that encompass broad anthropological interest or issues. This course may be repeated for credit for different selected topics. (IRR)

Attributes: 1, G, H, SS

3 Credits

ANTH 20000 Writing & Citing Anthropology (LA)

Focuses on the conventions for writing and referencing in the discipline of anthropology. Includes instruction in 1) finding and evaluating components of scholarly resources in anthropology, and how to cite them appropriately and correctly; 2) formulating anthropological questions and constructing effective arguments as part of research-based writing; and 3) understanding and applying the IMRaD (Introduction, Methods, Results, and Discussion) model of scientific writing. Prepares students for upper-level research courses in anthropology. Prerequisites: ANTH 10300 or ANTH 10400 or ANTH 10700; and WRTG 10600 or ICSM 10800 or ICSM 11800. (B,Y)
1 Credit

ANTH 21100 Introduction to Primates (LA)

This is a survey course of the mammalian order Primates (lemurs, monkeys, and apes). After an introduction to general primate evolution, taxonomy, phylogeny, and characteristics, a different taxonomic group is reviewed each week. Topics such as the geographic distribution, anatomy, behavior, ecology, and conservation status of the focal taxa are discussed. Students also learn behavioral observation methodology and conduct a zoo study on the nonhuman primate and topic of their choice. This course satisfies the biological anthropology requirement. Prerequisites: ANTH 10300 or BIOL 12200 or BIOL 27100. (IRR)
Attributes: 2A, AN2, NS
3 Credits

ANTH 22500 South Asia: India and Its Neighbors (LA)

Exploration of cultural diversity in South Asia with focus on India; introduction to Pakistan, Bangladesh, Sri Lanka, Nepal, and the Tibetan diaspora. Background survey of the subcontinent's ecology and history provides a framework for examining themes of unity and diversity in contemporary village life, urbanization, family and gender relations, caste and class, religion and ritual, classical and folk arts, cinema, and movements for social change. This course satisfies the cultural anthropology requirement and counts towards the theory requirement for majors. Prerequisites: ANTH 10400. (F or S,Y)
Attributes: 1, AN3, AN4, G, SS
3 Credits

ANTH 22600 East Asia: Gender and Identity (LA)

Study of race and gender relations in East Asia from a comparative perspective that goes beyond dichotomies of East and West. Examination of the dynamics of gender and race in the contemporary world. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400. (IRR)
Attributes: AAPL, AASE, AN3, AN4, SS, WGS
3 Credits

ANTH 22800 Critical Issues in Asian America (LA)

Focuses on Asian American experiences and identities past and present within the framework of anthropological concepts including ethnicity, race, authenticity, and transnationalism. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400. (IRR)
Attributes: AACH, AASE, AN3, RPRE, SO, SS, TIDE, TPJ
3 Credits

ANTH 24000 Environmental Archaeology: Human Impact in the Past and Present (LA)

This course examines the interrelationship between humans and their environments from a long-term archaeological perspective. This course emphasizes archaeological, geological, and botanical methods and analytical techniques used for long-term environmental reconstruction. Cross-listed as ENVS 24000. Students may not earn credit for ENVS 24000. This course satisfies the archaeology requirement. Prerequisite: ANTH 10400 or ANTH 10700. (S,Y)
Attributes: ABSS, AN1, ENSS, ESSS, SS
3 Credits

ANTH 24100 Continuity and Change in African Cultures and Societies (LA)

This course examines social and cultural dynamics across Africa focusing heavily on anthropological and historical perspectives on cultural continuity and change. Topical areas include: anthropological theory; religion; kinship patterns; political systems; colonialism and post-colonialism; sustainable development; humanitarian aid; and globalization. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400. (FO)
Attributes: AACI, AASE, ADCI, ADSE, AN3, RPRE, SO, TIDE, TPJ
3 Credits

ANTH 25000 Human Biological Diversity (LA)

Focuses on human biological variation from a biocultural perspective that examines the interplay between cultural, biological, and environmental variables. Topics covered will include traits of inheritance, human biological variability and behavior, and adaptations/maladaptations to various ecosystems and sociocultural environments. This course satisfies the biological anthropology requirement. Prerequisites: One of the following: ANTH 10300, ANTH 10400, BIOL 12100, BIOL 12200, BIOL 27100. (E,S)
Attributes: 2A, AN2, NS, SC, SO, TPJ
3 Credits

ANTH 25500 The Human Journey: Exploring Our Evolution (LA)

This course examines how humans evolved anatomically, biologically, behaviorally, and culturally (e.g., tool technologies) over the last seven million years. The course tracks major events and evidence for human origins, with an emphasis on the reconstruction of behavior from paleontological and anatomical remains, and reviews recent finds, examines casts of fossils, and discusses the evidence for competing theories concerning our hominid ancestors. Prerequisites: One of the following: ANTH 10300, BIOL 12100, BIOL 12200, BIOL 22700. (FO)
Attributes: 2A, AN2, NS, SC, TWOS
4 Credits

ANTH 25600 Bioarchaeology: Interpreting History from Bones (LA)

Explores how the analysis of human skeletal remains informs our understanding of the social processes and behaviors that influenced bodies and biologies in the past. We examine diverse beliefs regarding the body and how these impact mortuary practice and treatment, and review the methodologies employed by bioarchaeologists to analyze human bones for evidence of violence, disease, and technology. This course integrates the archaeological, cultural, and biological anthropology disciplines. Prerequisites: One of ANTH 10100, ANTH 10300, ANTH 10400, or ANTH 10700. (E,S)
Attributes: AN1, AN2, AN3
3 Credits

ANTH 26000 Anthropology of Sex and Gender (LA)

Examines anthropological approaches to the study of sex (the genetic distinctions among male, female, intersex, and other biological variants), and gender (the socially and culturally constructed ideas about masculine, feminine, and gender variations beyond the binary). References evolutionary theory (e.g., sexual selection), primatology models, human origins research, gender differences in the public and private domain, feminist theory, cross-cultural gender variance, sexuality, gender identity, the controversy over sex differences in learning, and gender stereotypes in the media. This course counts toward the theory requirement for majors. Prerequisites: ANTH 10300 or ANTH 10400. (IRR) Attributes: AN2, AN3, AN4, DV, SC, SO, TIDE, TPJ, WGS 3 Credits

ANTH 26500 The Inkas and Their Ancestors (LA)

An examination of the prehistory of the South American continent from the earliest evidence of occupation until the appearance of Europeans in the 16th century. Emphasis is placed on the cultural developments of western South America, especially Peru, due to the extensive archaeological record in that area; those cultural developments are placed in the context of the prehistory of the rest of the continent as well. Particular attention is paid to the mechanisms of cultural adaptation and cultural evolution. This course satisfies the archaeology requirement. Prerequisites: ANTH 10400 or ANTH 10700 and WRTG 10600 or equivalent. (S,O) Attributes: AN1, G, H, LAEL, SO, TIII, TWOS, WI 3 Credits

ANTH 26900 Mesoamerican Cosmvision and Culture (LA)

An examination of the origins and development of the Aztec, Maya, and other civilizations of Mexico and Central America, from the first human occupation of the region to the Spanish Conquest. The course uses evidence from archaeology, Precolumbian art and text, and European ethnohistorical documents to reconstruct the worldview and lifeways of ancient Mesoamerican cultures, and to examine the processes that propelled their evolution. This course satisfies the archaeology requirement. Prerequisites: ANTH 10400 or ANTH 10700; and WRTG 10600 or ICSM 10800 or ICSM 10500. (IRR) Attributes: AN1, WI 3 Credits

ANTH 27000 North American Indians (LA)

Seminar on Indian culture and background, as well as contemporary Indian problems in the continental United States. Readings on the rich and varied heritage of American Indians research and presentations on current problems facing specific Indian groups. Prerequisites: ANTH 10400. (Y) Attributes: 1, AN3, H, SS 3 Credits

ANTH 27300 The Iroquois and Their Neighbors (LA)

Traces the development and current state of the Iroquois people, a vibrant and powerful Native American society of the Northeast. Looks at how the Iroquois developed out of earlier societies and what role European contact played in their development. A substantial part of the course will be an assessment of the Iroquois today, including their social, economic, and political institutions. Additional information on neighboring societies, past and present, and their interactions with the Iroquois will also be addressed. Prerequisites: ANTH 10400. (IRR) Attributes: 1, AN1, DV, H, NAPL, SO, SS, TIDE 3 Credits

ANTH 27500 North American Archaeology (LA)

A survey of the origin and development of native North American cultural from their appearance on the continent to their contact with Europeans. In addition to describing North American culture history, the course aims to instill in students an appreciation for the diversity and accomplishments of Native American cultures. Topics to be discussed include when humans arrived in North America, the origins of agriculture, and the rise of complex societies. This course satisfies the archaeology requirement. Prerequisites: ANTH 10400 or ANTH 10700. (Y) Attributes: 1, 2A, AN1, H, NACH, SS 3 Credits

ANTH 27700 Native Americans and the Environment (LA)

This course gives a range of perspectives on the relationships between Native Americans and the environment revolving around anthropological concepts, such as culture, ecology, and colonialism. Based on the centrality of land to Native culture and the connections between land and the sacred, students explore how land-people relations were reworked and misinterpreted following Western colonization. Topics include environmental racism, environmental justice, and the influence of government policies regarding Native access, use, and control of indigenous lands. Case studies from throughout North America, including upstate New York, exemplify conflicts over Native sacred sites and instances where Native people are revitalizing their cultures, comanaging lands such as national parks, and developing educational outreach programs. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400. (S,E) Attributes: 1, AN3, ENSS, ESSS, SO, SS, TPJ 3 Credits

ANTH 27800 Northeastern Native Americans: Past and Present (LA)

An examination of the past and present of indigenous peoples throughout northeastern North America. A background survey of the archaeological chronology covers groups ranging from hunter-gatherers to great confederacies. Themes that cut across time periods and regions of the Northeast are studied, such as cultural ecology, resource use, gender, migrations, plant cultivation, ritual, ideology, and politics. The effects of the Euro-American contact period and the Revolutionary War are examined. Local contemporary issues discussed include revitalization movements, land claims, gaming, and the negotiation/survival of tradition. Prerequisites: ANTH 10400 or ANTH 10700. (F,E) Attributes: AN1, AN3, NAPL, SS 3 Credits

ANTH 28100 Anthropology of Hawaii (LA)

An anthropological examination of the history and cultures of Hawaii from the original Hawaiian settlement to the present day, covering general themes such as religion, language, farming, performance arts, and political life. In addition, Western colonialism, the arrival of Christian missionaries, the creation of sugar plantations, and American annexation are examined as major forces for cultural destruction and transformation. Attention is paid to the significance of immigrant populations from such places as the United States, China, and Japan and their roles in this historic transformation of Hawaii. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400 or ANTH 10700. (F,E) Attributes: AN3, DV, NACL, SS 3 Credits

ANTH 28300 Integrative Health Care in American Culture (LA)

Utilizes a cultural framework to analyze the rapidly expanding and dynamic arena of alternative, complementary, and integrative health care in the United States. Through an anthropological lens, the course examines the history, scope, cross-cultural bases, and theoretical foundations of the many healing modalities that are employed in integrative approaches, including Chinese medicine, Ayurveda, Native American healing, herbalism, chiropractic, naturopathy, and homeopathy. Multiple paradigms of health and culture are examined, identifying areas of debate and convergence. Both quantitative and qualitative approaches to the study of health, culture, and society are examined, in addition to the politics of integrative health care as it relates to political economy, licensing, status, ethnicity, and gender. This course satisfies the cultural anthropology requirement. Prerequisites for anthropology majors and minors: ANTH 10400. Prerequisites for others: Sophomore standing; one introductory course in the social sciences. (F-Y)

Attributes: AN3, SS

3 Credits

ANTH 28700 Ethnomusicology Lab (LA)

Experiential lab in anthropology and ethnomusicology providing a forum for students to acquire 'hands-on' musical skills in indigenous musical systems. Focus on cultural expression through music in non-western contexts. Open to students with no previous musical training or practical experience. Fees for trips and music lab. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400. (S,Y)

Attributes: 3B, AN3, CA, SO, SS, TMBS

3 Credits

ANTH 28800 The Theory and Practice of Anthropology (LA)

This course provides a history of the field of anthropology, from its origins through the late 20th century. It focuses on major themes and schools of thought that have influenced the direction and perspective of anthropologists. The course covers major trends in cultural anthropology, archaeology, and biological anthropology to provide the historical background and theory that a serious student of anthropology should have. Prerequisites for anthropology majors and minors: ANTH 10400. This course counts towards the theory requirement for majors. Prerequisites for others: Sophomore standing; WRTG 10600 or ICSM 10800 or ICSM 11800; permission of instructor. (S,Y)

Attributes: AN4, SS, WI

3 Credits

ANTH 29000-29012 Seminar in World Ethnography: Selected Topics (LA)

Focus on particular geographic areas not generally covered in other upper-level regional courses, such as Polynesia, Latin America, and the Middle East. Prerequisites: ANTH 10400. (Y)

Attributes: AACI, SS, WGS

3 Credits

ANTH 30000 Integrating Anthropology (NLA)

Explores the interdisciplinarity of anthropology. Emphasizes student reflection on their individual courses and how the perspectives, methodologies and practices from other disciplines may be integrated with anthropology to address world issues (e.g. racism as a public health crisis; primate conservation; inclusivity in cultural heritage). Prerequisites: ANTH 10100 and three courses with an AN1, AN2, AN3 or ANM attribute. (B,E,S)

1 Credit

ANTH 30200 Ethnographic Field Methods (LA)

Explores the ways that cultural anthropologists obtain and interpret ethnographic data during fieldwork. Topics include history of anthropological methods; methods of collecting and analyzing data; ethics of research; and creating a research proposal. Prerequisites: ANTH 10400 and one 200 level anthropology course. Anthropology majors only. (S, Y)

Attributes: ESTS, SS

4 Credits

ANTH 30500 Archaeological Methods and Techniques (LA)

Focus on the ways that archaeologists discover, analyze, interpret, and explain the lifestyles of past cultures. The course is arranged in the way that archaeologists approach the solution of a research problem. Topics include the nature of archaeological evidence, how data are obtained through survey and excavations, the many kinds of analysis that archaeologists use to identify past lifeways, the techniques of dating sites, and how entire prehistoric culture systems are reconstructed. Also included are discussions of the use of theory in explaining cultural change and cultural processes, the field of cultural resources management, and ethics in archaeology. Prerequisites: ANTH 10400 or ANTH 10700 and either one 200-level anthropology course or junior standing and one additional social science course. (F,E)

Attributes: NS

4 Credits

ANTH 30800 Methods in Field Primatology (LA)

Provides training in the various stages of the research process used in the study of primate behavioral ecology. Includes laboratory instruction on observational methodology and ecological assessment, applied through a series of associated exercises. Includes guidance on developing research topics and hypotheses, data collection, analyses, and presentation of research results. Students will conduct a research project in primatology. Students are responsible for nominal fees associated with laboratory field trips. Prerequisites: ANTH 10300 and one 200-level course in BIOL, ANTH, or ENVIS, or permission of instructor. (F,O)

Attributes: NS

4 Credits

ANTH 30900 Bioarchaeology and Forensic Anthropology Methods (LA)

Explores the research designs, methods, and analyses used in anthropological skeletal analysis. Grounded in scientific theories, students gain hands on experience in search and recovery procedures, excavation, assessment of time since death, biological profile, pathology, and cause of death. Outdoor mock investigations, labs, and use of various technologies associated with skeletal recovery and assessment. Prerequisites: ANTH 10300 and one 200 level in ANTH or BIOL; or permission of instructor. (F,E)

Attributes: QL

4 Credits

ANTH 31000 Culture and Personality (LA)

Effect of various cultural systems on the development of individual personalities and the influence of the individual on his or her cultural environment. Cultural patterning of sex roles; social influences on cognition and perception; development of language and thought systems in childhood socialization; cultural handling of aggression; problems in the description of personality; cultural concepts of "normal" and "abnormal" behavior; cultural use of mind-altering substances (drugs, alcohol) that affect personality; and how people define and respond to stress, tension, and change in different cultures. This course satisfies the cultural anthropology requirement for majors. Prerequisites: ANTH 10400; sophomore standing. (IRR)

Attributes: AN3, SS

3 Credits

ANTH 31100 Primate Behavior and Ecology (LA)

Primates are among the most social animals. Why do nonhuman primates behave as they do? This course seeks to answer this question by reviewing the extensive variation in primate behavior and ecology and the evolutionary basis of the differences. The emphasis is on understanding the adaptive significance of the many diverse facets of primate social behavior within an ecological context. The class highlights current research issues in the field of primate behavioral ecology and examines how research is conducted and reported. Students will conduct a zoo observation study on the nonhuman primate and behavioral topic of their choice. This course satisfies the biological anthropology requirement. Prerequisites: ANTH 10300 and either ANTH 21100 or BIOL 27100. (IRR)

Attributes: 2A, AN2, AN4, NS

3 Credits

ANTH 31500 Animals & Human Exceptionalism (LA)

Explores the historical and current relationship between nonhuman animals and humans, focusing on anthropogenic influences on animal welfare, conservation, and interpretations of animal cognition and emotions. Examines the concept of human exceptionalism, the belief that humans have special status or value among all biodiversity based on our unique capacities, and how this has influenced societal attitudes and actions towards nonhuman animals, both wild and domestic, in different parts of the world. Discusses how the evolutionary success of the human species has negatively impacted animal species globally. Prerequisites: Any ANTH course at 200-level or higher. (O,S)

Attributes: AN2, AN3

3 Credits

ANTH 32000 Anthropology of Religion (LA)

The religious experience from the standpoint of ethnographic field studies and from various theoretical approaches. Examines the relationships among religion, culture, and society. Explores the evolution of the anthropological study of religion. This course satisfies the cultural anthropology and theory requirements for Anthropology majors. Prerequisites: ANTH 10400. (IRR)

Attributes: AN3, AN4, RSEA, SS

3 Credits

ANTH 33500 Women and Culture (LA)

The lives of women vary considerably cross-culturally. This course explores the nature of this variation as well as the cultural construction of gender roles. Special attention is given to the relationship between gender roles and economics, politics, power, authority, religion, and family life. Using case studies from various regions of the world, including the United States, the course examines how women's lives are affected by their social status, race, ethnicity, and position in the life cycle. This course satisfies the cultural anthropology requirement for majors.

Prerequisites: ANTH 10400; Sophomore standing. (IRR)

Attributes: 1, AN3, SS, WGS, WGS3

3 Credits

ANTH 34000 Aging and Culture (LA)

Aging is a universal experience, but its meaning differs dramatically in various societies. The impact of culture on late life is explored in primitive, peasant, third world, European, and American societies. Emphasis is given to how cultural, ecological, and value systems affect longevity; the control of power and wealth in late life; the degree to which the elderly are isolated from or engaged in their communities; and the influence of older people's gender on family, social, and religious roles. The implications of these factors for policy decisions are also explored. This course satisfies the cultural anthropology requirement.

Prerequisites: ANTH 10400, or two courses in gerontology. (Y)

Attributes: AN3, SS

3 Credits

ANTH 36000 Anthropological Approaches to Sustainable Community Development (LA)

In this applied anthropology course we problematize long standing strategies for prioritizing and implementing social, economic and environmental development policies that have guided national and international development communities. We examine the nature of development strategies (economic, social, health, etc.) locally and across the globe, and in the wake of emerging processes of modernization and globalization. We emphasize strategies that are culturally appropriate, and environmentally and economically sustainable. Students cannot receive credit for both ANTH 36000 and ANTH 37000, as the material covered has significant overlap. Prerequisites: ANTH 10400 and junior standing, or permission of instructor. (F,E)

3 Credits

ANTH 36400 From Equal to Unequal: New World Transformations (LA)

The origins and evolution of civilizations and other complex societies in two areas of the New World: prehistoric Mexico and Peru. The course focuses on select cultures, including the Maya, Aztec, and Inca, that followed different paths to achieve a high level of cultural development. Factors important in this development, including the environment, social systems, religion, and politics, are discussed. The course explores why these societies developed in order to grasp the relationships that hold a society together or tear it apart. This course satisfies the archaeology requirement and counts towards the theory requirement for majors.

Prerequisites: WRTG 10600 or ICSM 10800 or ICSM 11800; ANTH 10400 or ANTH 10700 and either one 200-level anthropology course or junior standing and one additional social science course. (S,E)

Attributes: AN1, AN4, DV, LAEL, LXME, RPPE, WI

3 Credits

ANTH 36600 Anthropology of US Military (LA)

Examination of the U.S. military on a variety of levels, including international, national, social, popular, and individual. Discussion of debates on the use of anthropology in the military, and the links between anthropology and empire-building. This course satisfies the cultural anthropology requirement for majors. Prerequisites: ANTH 10400 and one 200-level cultural anthropology course. (IRR)

Attributes: AAPP, AN3, AN4, LSPP, SS

3 Credits

ANTH 37000 Applied Anthropology (LA)

Examination of a major new career field in anthropology, comparing the activist role of the applied anthropologist with the research orientation of much of the discipline. Manner in which the perspectives, field methods, and cultural knowledge of anthropologists have been applied in planning, implementing, and evaluating economic and social change projects.

Case studies documenting the complexity of projects suggest the risks, demands, and challenges of applied anthropology, as well as the potential for ethical conflict and failure. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400 and either one 200-level anthropology course or junior standing and one other social science course. (F or S,Y)

Attributes: AN3, AN4, ENSS, ESSS, SS

3 Credits

ANTH 37100 Field School in Biological Anthropology (NLA)

This field course involves travel to an off-campus location to learn about one (or more) subdisciplines within the subfield of biological anthropology. Field schools may focus on anatomy, forensic anthropology, paleoanthropology, primatology, or another subdiscipline. Students will employ the methods used by researchers in the field and actively collect data. Students also will learn how to summarize data and present results. May be repeated up to a maximum of six credit hours. Additional costs to students will include travel to field site, living expenses, and research-related activities. Prerequisites: Permission of instructor. May be taken for one to six credits, depending on the nature of the field school. (IRR)

Attributes: 2A

1-6 Credits

ANTH 37200 Native American Women and Culture (LA)

This seminar examines the diversity and commonalities of Native women's voices and experiences in multiple cultural contexts.

This course explores the representation and misrepresentation of Native women by missionaries, colonists, historians, writers, and anthropologists. Perspectives of Native women as anthropologists, authors, clan mothers, and storytellers are emphasized. Political, economic, and spiritual roles of Native American women are discussed, with an emphasis on the Haudenosaunee (Iroquois). Other topics include mythology, health and healing, and the contributions of Native women to the American feminist movement, human rights, and environmental activism. This course satisfies the cultural anthropology requirement. Prerequisites: ANTH 10400; Sophomore standing. (F,O)

Attributes: 1, AN3, NACH, SS

3 Credits

ANTH 37400 Archaeological Field School (NLA)

Experience in archaeological fieldwork. Training in the basic techniques of archaeological research design, reconnaissance, survey, mapping, excavation, and basic field laboratory methods. Use of a transit, laying out of grids, and identification of different kinds of archaeological data, such as ceramics, lithics, features, and ecofacts will be covered.

Prerequisites: ANTH 10400 or ANTH 10700, and either a 200-level anthropology course or junior standing with one additional course in the social or natural sciences. Travel and living expenses will be responsibility of student. (SUM, IRR)

6 Credits

ANTH 37500 Environmental Anthropology (LA)

Examination of the cultural dimensions of the sustainable use and management of natural resources in the context of global efforts to effect social change and economic development. Much of the focus is on less-developed countries' indigenous peoples, rural peasants, urban underclass, and their ethnoecologies. Critical attention is also paid to industrialized nations' impact on peoples and cultures of the third world and to their role as dominant forces in establishing global environmental policy. Included in the course are case studies of the United States' "culture of consumption," an examination of the relationship between development and the environment, and a discussion of public policy alternatives. This course satisfies the cultural anthropology requirement and counts towards the theory requirement for majors. Prerequisites: ANTH 10400 and either one 200-level anthropology course or junior standing and one other social science course. (F or S,Y)

Attributes: 1, AN3, AN4, ENSS, ESSS, G, SS

3 Credits

ANTH 37700 Biology of Poverty (LA)

Examination of the biological effects of poverty in historic and modern human populations with a focus on how sociocultural and political-economic processes affect local human biologies. Case studies drawn from Europe, Asia, Africa, and the Americas, with emphasis on such common biological consequences of poverty as workload stress, infectious disease, malnutrition, and injury due to violence. This course satisfies the biological anthropology requirement and counts towards the theory requirement for majors. Prerequisites: ANTH 10300; WRTG 10600, ICSM 108xx or ICSM 118xx; and junior standing. (IRR)

Attributes: AN2, AN3, AN4, SS, WI

3 Credits

ANTH 37800 Anthropology of Music (LA)

This course provides an introduction to ethnomusicology and explores how music creates and reflects culture and society. Through case studies from different countries, students will explore ethnomusicological theories and techniques and gain an appreciation for the wide range of musical styles. Issues that may be addressed include social status of musicians, music and identity, the relationship between musical and social structure, music and cosmology and transnational music. This course satisfies the cultural anthropology requirement and counts towards the theory requirement for majors. Prerequisites: ANTH 10400; Sophomore standing. (IRR)

Attributes: 3B, AACI, AN3, AN4, G, SS

3 Credits

ANTH 38000 Medical Anthropology (LA)

Healing traditions, beliefs, and practices from around the globe are explored through the lens of anthropological practice, methods and theories. Healing modalities based in the scientific tradition are examined and contrasted with other cross-cultural traditions. Symbolic and religious perspectives on health, gender, and the body are also explored. This course counts toward the cultural anthropology and theory requirements for majors. Prerequisites: ANTH 10400, and one 200-level anthropology class. (IRR)

Attributes: AN3, AN4, SS

3 Credits

ANTH 38100 Anthropological Experience in Hawaii (LA)

A fieldwork-based study of the anthropology of Hawaii. The anthropological perspective is a holistic orientation that entails not just examining one aspect of culture, but exploring the interconnections between many facets of cultural history and contemporary experience. This is accomplished through a grounding in Hawaiian history and archaeology, followed by an examination of traditional agriculture, lifeways, multiculturalism, and the impact of colonization, tourism, and the native sovereignty movement. Specifically, students learn through participant observation in contexts of Hawaiian healing, sacred sites, traditional taro growing, and preserving indigenous ecology at an ethnobotanical preserve. Note: Extra fees may be charged for this course. Prerequisites: ANTH 28100. (O)

Attributes: NACI, SS

3 Credits

ANTH 38300 Anthropology of the Body (LA)

Examination of analytic concepts of the body and embodiment from various theoretical perspectives (including feminist, Marxist, and phenomenological theories). Focus on ethnographic examples of the ways that the body is socially and culturally constructed within and across cultures. This course satisfies the cultural anthropology requirement and counts towards the theory requirement for majors. Prerequisite: ANTH 10400; junior standing. (IRR)

Attributes: AN3, AN4, SS, WGS, WGS3

3 Credits

ANTH 38400 Forensic Anthropology (LA)

Introduction to the scientific principles and cultural context of forensic investigations. Review of archaeological and osteological approaches that contribute to the search, recovery, identification, and interpretation of the remains of deceased individuals. Combination of lectures, labs, and mock investigation exercises. This course satisfies the biological anthropology requirement. Prerequisites: ANTH 10300, BIOL 11500, BIOL 11900, BIOL 12000, BIOL 12100, or BIOL 12200; and one ANTH course at level 2. (IRR)

Attributes: AN2, NS

4 Credits

ANTH 38600 Hunter-Gatherers (LA)

Examines in a seminar format past and present hunter-gatherer societies and the various ways that ethnographers and archaeologists have tried to understand them. Topics include Marxist, structural, and neo-Darwinian models; technology; social relations; economics; territories and property rights; gender; symbols and ideology; cultural evolution and change; culture contact; government intervention; and Native perspectives. Students reflect on what hunter-gatherer egalitarian societies, representing 99 percent of the human experience, tell us about our basic human nature and modern societies. This course counts towards the theory requirement for majors. Prerequisites: ANTH 10400 or ANTH 10700 and either one 200-level anthropology course or junior standing and one additional social science course. (IRR)

Attributes: AN4, SS

3 Credits

ANTH 38800 Origins of Agriculture (LA)

The development and spread of agriculture arguably changed the course of human history more than any other single cultural process. This seminar reviews the history of thought and debate concerning the development of prehistoric agriculture and the processes of plant cultivation and domestication. Emphasis is placed on recent interdisciplinary developments in ethnobotany and archaeobotany that allow detailed, complex scientific evidence to be considered. Readings and discussion include historical pieces, theoretical treatises, and regional case studies from around the world. Students will learn of the diversity of anthropological theory in the context of the study and analysis of one of humanity's fundamental lifeway changes. This course satisfies the archaeology requirement. Prerequisites: ANTH 10400, ANTH 10700, or BIOL 12200 and either one 200-level anthropology course or junior standing and one additional social science course. (IRR)

Attributes: AN1, AN3, AN4, SS

3 Credits

ANTH 39000-39012 Seminar on Anthropological Issues (LA)

Consideration of central issues in contemporary anthropological research. Recent seminars have dealt with politics, educational systems, and economic development. Prerequisites: ANTH 10400; two courses in the social sciences. (Y)

Attributes: AN1, SS

3 Credits

ANTH 41100 Primate Conservation (LA)

This course explores the distribution, diversity, abundance, and rarity of lemurs, monkeys, and apes. It investigates how human behavior such as habitat disturbance and hunting impact primate populations. Issues to be discussed include various conservation strategies and tactics employed to protect our closest-living relatives, for example, taxon and area priorities, captive breeding, restocking and reintroduction, and ecotourism. Prerequisites: ANTH 31100; or ANTH 21100 and permission of instructor. (IRR)

Attributes: 2A, AN2, NS, WI

3 Credits

ANTH 45000 Anthropological Capstone (LA)

Provides an integrative and holistic summary of student's anthropological training. Major themes and issues in the subfield of anthropology will be discussed, and the relationships between the field and the department's curriculum and the student's coursework, including fieldwork, will be analyzed. Discussion of career opportunities, preparation for postgraduate work, and school and skills assessment will be conducted as well. Prerequisites: Senior standing and major in anthropology. (F,Y)

Attributes: CP, SS

3 Credits

ANTH 45800 Research in Anthropology (NLA)

Provides students an opportunity to conduct individual research in any of the subfields that are not fieldwork, such as laboratory analysis, text analysis, tape transcription, or library research on a specific topic. Prerequisites: ANTH 30200, ANTH 30500, or ANTH 30600, and completion of H&S dean's independent study/internship form. May be repeated up to a maximum of six credits. (F, S and SUM, Y)

1-6 Credits

ANTH 45900 Internship in Anthropology (NLA)

Provides students an opportunity to conduct individual research that is not fieldwork in any of the subfields and under the supervision of a professional. Internships are arranged individually at the student's request with an instructor and a sponsoring agency. Prerequisites: ANTH 10300, ANTH 10400, or ANTH 10700, permission of instructor, and completion of H&S dean's office internship form. Can be repeated to a maximum of six credits. (F, S and SUM, Y)

1-6 Credits

ANTH 46000 Advanced Readings in Anthropology (LA)

Arrangements are initiated by the student interested in a topic not covered by regular course offerings. Prerequisites: One ANTH course at 20000-level or above and one ANTH course at 30000-level or above; permission of instructor. (F-S)

Attributes: UND

1-4 Credits

ANTH 47300 Archaeological Field School (NLA)

Provides experience in archaeological fieldwork at an off-campus location. Includes training in the basic techniques of archaeological research design, reconnaissance, survey, mapping, excavation, and basic field laboratory methods. Use of a transit, laying out of grids, and identification of different kinds of archaeological data, such as ceramics, lithics, features, and ecofacts will be covered. May require additional fees for travel and lodging at off-campus locations. Prerequisites: Permission of instructor. (IRR)

0-6 Credits

ANTH 47500 Ethnographic Fieldwork/Research (LA)

An alternative to ANTH 47001 for advanced anthropology students with a focus in cultural anthropology whose research plans would benefit from a more individualized approach. The independent research or fieldwork may be conducted within or away from the Ithaca area under supervision by an anthropology faculty member. Prerequisites: ANTH 30200; consultation with and permission of instructor. (F-S,Y)

Attributes: NASE, RPRE, UND

1-6 Credits

ANTH 47600 Archaeological Fieldwork/Research (LA)

An alternative to ANTH 47002 for advanced anthropology students with a focus in archaeology whose research plans would benefit from a more individualized approach. The independent research or fieldwork may be conducted within or away from the Ithaca area under supervision by an anthropology faculty member. Prerequisites: ANTH 30500; consultation with and permission of instructor. (F-S,Y)

Attributes: UND

1-6 Credits

ANTH 47700 Biological Anthropology Fieldwork/Research (LA)

An alternative to ANTH 47004 for advanced anthropology students with a focus in biological anthropology whose research plans would benefit from a more individualized approach. The research or fieldwork may be conducted within or away from the Ithaca area under supervision by an anthropology faculty member. Prerequisites: ANTH 30600; consultation with and permission of instructor. (F-S,Y)

Attributes: UND

1-6 Credits

ANTH 47800 Field School in Biological Anthropology (NLA)

Opportunity to get hands-on experience at an off-campus location doing research in subdisciplines within biological anthropology (such as anatomy, forensic anthropology, paleoanthropology, primatology, and human biology). Students employ the methods used by researchers in the field and actively collect data. May require additional fees for travel and lodging at off-campus locations. Prerequisites: Permission of instructor. (IRR)

0-6 Credits

ANTH 47900 Anthropology Fieldwork/Research (LA)

Provides advanced anthropology students the opportunity to engage in team-based or independent research projects under the supervision and guidance of a faculty member. Projects can be in any field of anthropology; students must have taken a methods course to be able to succeed in this project-based course. Prerequisites: At least one course with an ANM attribute. (O,S)

3 Credits

ANTH 49000 Seminar: Selected Topics in Anthropology (LA)

Topics of current faculty interest in departmental fields. Recent seminars have focused on anthropological perspectives on the world food crisis, concepts of adaptation in the social sciences, and the history of anthropology. This course may be repeated for credit for different selected topics. Prerequisites: one level-2 course in anthropology; junior standing. (IRR)

Attributes: SS

3 Credits

ANTH 49500 Anthropology Capstone (NLA)

Provides an integrative and holistic summary of student's anthropological training. Major themes and issues in the subfields of anthropology will be discussed, and the relationships between the field and the department's curriculum and the student's coursework, including fieldwork, will be analyzed. Discussion of career opportunities, preparation for postgraduate work, and skills assessment will be conducted as well. Fulfills the ICC Capstone requirement. (F)

Attributes: CP

2 Credits

Anthropology Major – B.A.

Summary

Code	Title	Credits
	Anthropology B.A. Major Requirements	36-37
	Integrative Core Curriculum ¹	28-40
	Electives	44-56
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

At least 24 credits must be taken at Ithaca College.

No more than 6 credits in the major may be at the 100-level.

Code	Title	Credits
ANTHROPOLOGY CORE		
ANTH 10100	Anthropology of the World: Explorations in Cultural and Biological Diversity	3
ANTH 30000	Integrating Anthropology	1
ANTH 47900	Anthropology Fieldwork/Research	3
ANTH 49500	Anthropology Capstone	2
ANTH xxxxx	9 credits of ANTH courses in the subfields of anthropology, as follows:	9
	• one Past Cultures course with attribute AN1	
	• one Biological anthropology course with attribute AN2	
	• one Cultural anthropology course with attribute AN3	
	NOTE: Courses with multiple subfield distribution attributes may count only once toward this requirement.	
INTERDISCIPLINARY ELECTIVES		
	Minimum of 18 credits of courses, drawn from ANTH and a variety of departments. Courses outside of ANTH must be designated with at least one of the following attributes: AN1, AN2, or AN3. Interdisciplinary Electives must meet the following criteria:	18-19
	•At least 6 credits must have the ANTH subject code prefix.	
	•At least 3 credits must be designated as an Anthropology Methods course, with the attribute ANM.	
	•No more than 3 credits combined may come from individualized study (research, independent study, or internships) or field school opportunities, represented by the following courses: ANTH 37100, ANTH 37400, ANTH 45800, ANTH 45900, ANTH 46000, and any course numbered ANTH 47300 through ANTH 47800.	
Total Credits		36-37

Anthropology Minor

Requirements

Minors are required to take at least 15 credits at Ithaca College.

Code	Title	Credits
ANTH 10100	Anthropology of the World: Explorations in Cultural and Biological Diversity	3
Restricted Electives		15
15 credits of courses drawn from a variety of departments, with the attributes AN1, AN2, or AN3. At least 9 credits must have the ANTH subject code prefix.		
Total Credits		18

Department of Art

Bachelor of Arts, Bachelor of Fine Arts

Dara L. Engler, Associate Professor and Chairperson

The essential ability to think critically and understand a situation from many perspectives is in high demand in every career field and we practice this daily in studio art classes in the Art Department of Ithaca College. Courses in studio art and design sharpen students' ability to create meaningful visual images and become more culturally literate in a world where ideas and information are increasingly communicated through visual media. Art courses are active student-centered learning communities, and provide unparalleled ways to analyze and appreciate aesthetics. Critiques in art classes provide a model for productive civic discussions in all areas of life, as they are grounded in oral dialogue, analysis and opportunities to respectfully disagree.

The Art Department offers two majors: the B.F.A. in Art and the B.A. in Art. We offer two minors, the minor in Graphic Design and the minor in Art. The curriculum in the art major, in conjunction with an Education Studies minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/departments-education/education-studies-minor/>), prepares students to enter Masters in Teaching programs in art education, to become K-12 certified teachers.

- 1. The Bachelor of Fine Arts in Art.** This degree prepares students interested in pursuing careers in the creative visual arts field, and for further study pursuing a Masters in Fine Arts (M.F.A.) at the graduate level. This major requires a senior thesis project developing a personal portfolio and exhibition and allows for close mentorship by a faculty member during the senior year. It is designed to facilitate professional development of artists by offering courses that provide a breadth of knowledge of different media and a focused, in-depth pursuit of a personal concept.
- 2. The B.A. in Art.** This degree program also results in broad experiences in many media and the opportunity to develop a personal voice through independent studies and advanced classes. This degree is appropriate for students who have more diverse interests and would like to double major or have more than one minor program. It leads to possible career tracks such as museum work, gallery coordination, and work in fields of art and design.
- 3. The Minor in Art** complements studies in a wide variety of majors, among them art history, cinema and photography, communications, natural sciences, sociology and languages.
- 4. The Minor in Graphic Design** provides the opportunity to explore the possibilities of combining text and image. The ability to use technology efficiently and effectively to produce quality visual illustrations and designs, promote messages, viewpoints, products, and events is fast becoming a required basic skill in our society. We teach these skills with strong focus on aesthetics.

Requirements for Honors in Art and Art Education

Any art major receiving either the B.A. or B.F.A. in Art or the B.A. in Art Education wishing to pursue honors in art should submit a brief letter of intent to the chair of the department by the end of the second week of classes, the spring semester of their senior year. The letter should include a request for a faculty sponsor who will work with the applicant in an advisory capacity. Honors awards will be based on three criteria: a full faculty review of the applicant's artwork, an oral presentation of the concepts and methodologies that are the basis for the production of artwork, and the applicant's GPA. Presentations must be scheduled by the student to take place during early March of the senior year. In order to receive honors, the applicant must have a cumulative GPA of 3.50 or higher.

Majors & Minors

- Art Major — B.A. (p. 402)
- Art Major — B.F.A. (p. 402)
- Art Education Major — B.A. (p. 403)
- Art Minor (p. 404)
- Graphic Design Minor (p. 404)

ART 10000 Theory and Practice 1: Play (LA)

The primary goal of this seminar is to develop the artist's ability for serious 'play', or focused creative discovery, so that first year art students may learn how to develop an individual path of inquiry and discovery. Weekly meetings will center on lectures about contemporary studio practice, and assignments will include research, readings, and discussions. Students will also complete individualized projects. (F,Y)
1 Credit

ART 11000 Introduction to Drawing: Seeing the World (LA)

Training in perception and the imagination as they relate to drawing. Exploration of several media techniques, methods and frameworks including historical and contemporary approaches. (F,S,Y)
Attributes: CA, TIDE, TMBS, TPJ
3 Credits

ART 11100 Introduction to Drawing: Triple Eye (LA)

Why do we draw? How did drawing come about? What can we learn about the world through drawing it? This course explores how we communicate - logically, emotionally and spiritually - through images. Empowered with this understanding, we produce drawings that represent our own inquiries, innovations and imaginings in a studio art environment. (IRR)
Attributes: CA, TIII
3 Credits

ART 11200 Introduction to Drawing: Map It (LA)

Focuses on the fundamentals of drawing as a process that can be used to understand and interpret one's world and its various complex systems. Engages students in methods of generating, organizing, editing, and critiquing two-dimensional imagery to explore the potential of art and imagery to communicate about how people intersect with, participate in, and create various systems. (IRR)
Attributes: CA, TWOS
3 Credits

ART 12000 Two-Dimensional Design (LA)

A course dealing with fundamentals of design on a flat surface and providing perceptual, as well as technical, understanding of formal elements employed in producing works of art. (F,S,Y)
Attributes: 3B, FA, MC
3 Credits

ART 12100 Three-Dimensional Design (LA)

An introduction to the creative work process and decision making as related to the creation of three-dimensional art. Deals with basic design concepts as they relate to the realization and fabrication of three-dimensional design. Students may not receive credit for both ART 12100 and ART 12200. (S,Y)
Attributes: 3B, FA
3 Credits

ART 12200 Sustainability and Innovation in Three-dimensional Design (LA)

This course introduces students to the principles and elements of design and the creative work process, as related to conceptualization and fabrication of three-dimensional works of art and design. Problems focus on the analysis of materials and processes that use and promote sustainable, natural and low impact practices, as well as how we can cultivate powers of imagination in order to use innovative thinking to solve problems. Students may not receive credit for both ART 12100 and ART 12200. (Y)
Attributes: CA, MC, TIII, TQSF
3 Credits

ART 14000 Introduction to Painting (LA)

A studio course in the fundamentals of oil painting. Methods and materials of painting, basics of color, composition, form, and spatial organization. Hands-on introduction to techniques, materials and processes used in contemporary and historical painting. (F,S,Y)
3 Credits

ART 14100 Introduction to Painting: From Wilderness to Wasteland (LA)

This course teaches observational oil painting skills as a way to reflect on our cultural and personal relationship to the environment. Students will be guided in creating paintings that communicate the complexity of environmental issues today. Consideration given to the genre of landscape painting and how representations of nature in painting have come to shape how we conceive of sustainability. (S)
Attributes: CA, TQSF
3 Credits

ART 14200 Introduction to Painting: Identities Re-Imagined (LA)

Exploration of the purpose, meaning, and cultural context of painting, with a focus on the relationship of painting to both personal and social identity. Hands-on introduction to techniques, materials and processes used in contemporary and historical painting. Students will produce a portfolio of paintings of their own explorations of re-imagined identity, and participate in group critiques, class discussions, demonstrations, meetings with visiting artists, and field trips to museums or galleries. (F,S,Y)
Attributes: CA, TIDE
3 Credits

ART 15000 Introduction to Sculpture (LA)

Introductory studio course in creative sculpture. Methods and materials of sculpture; basic concepts of form, mass, and space in sculpture. The works of historical and contemporary sculptors explored. (F,S,Y)
3 Credits

ART 15100 Introduction to Sculpture: Imagining Identities (LA)

Explores the purpose, meaning, and cultural contexts of contemporary sculpture with focus on imagining identities through hands-on assignments, incorporating traditional and non-traditional techniques and processes. Students will produce a portfolio of sculptural works demonstrating personal explorations and expressions of identity. Students participate in group critiques, class discussions, demonstrations, meetings with visiting artists, and field trips to museums or galleries. (IRR)

Attributes: CA, TIDE

3 Credits

ART 15200 Introduction to Sculpture: Making the Invisible, Visible (LA)

This introductory course in sculpture will cover the fundamental principles of three-dimensional design, especially the interactions between form and space, while exploring themes of the body, mind and spirit. The mass that a figure occupies, the space the body lives in, and the space the mind intuitively understands are explored through a series of sculptural projects designed to communicate effectively about physical space, objects, scale, and relationship to the built environment. (IRR)

Attributes: CA, TMBS

3 Credits

ART 16000 Introduction to Print Media (LA)

Introduction to intaglio and relief printmaking in the context of contemporary art and the historical traditions of the medium. Sustained creative dialogue combined with hands-on projects in the study of print media techniques including basic digital imaging. (F,S,Y)

3 Credits

ART 16100 Introduction to Print Media: Sustainable Practice (LA)

This class is an exploration of printmaking and paper-making media in the context of contemporary art and the ongoing development of media culture with a focus on sustainability. Students consider artists who communicate issues of social justice with sustainable and low-impact practices and materials, create paper and prints using recycled materials, and develop activist artworks that promote the social dimensions of sustainability. (F,Y)

Attributes: CA, TQSF

3 Credits

ART 20000 Theory and Practice 2: Exploration (LA)

The primary goal of this seminar is to develop the artist's ability to dig deeper into research and bodies of ideas; specifically, second year art students learn how to problem solve, hone their modes of inquiry, and consider their own socio-historical context as they develop a studio practice. Weekly meetings will center on lectures about historical and contemporary art; assignments include research, readings, and discussions. Students will also complete individualized projects and exercises. Prerequisites: ART 10000, sophomore standing. (F,Y)

1 Credit

ART 21000 Intermediate Drawing: The Space of Drawing (LA)

This course explores how drawing occupies space and creates illusionistic space within the two-dimensional picture plane. Students build on traditional drawing techniques while breaking "rules" of representation. Students study the historical and cultural contexts of drawing while developing an intermediate skill set in drawing.

Prerequisites: Any ART 11XXX. (S,Y)

3 Credits

ART 21100 Intermediate Drawing: Speculative Futures (LA)

This course explores the connection between speculative narrative and drawing as a way to envision a better world. Students build on traditional drawing techniques while also going beyond the "rules" of representation. Students study the historical and cultural context of the relationship between drawing and world building, social change, innovation and discovery. Prerequisites: Any ART 11XXX. (S,Y)

3 Credits

ART 21200 Intermediate Drawing: The Figure (LA)

This course explores contemporary and historical approaches to drawing the human form. Problems dealing with anatomy, movement, mass, volume, value and composition are covered as well as historical and conceptual frameworks. Prerequisites: Any ART 11XXX. (Y)

3 Credits

ART 21900 Special Topics in Intermediate Drawing (LA)

Content topics vary in order to engage students in different contemporary approaches to drawing. Students will build on observational work begun in introductory drawing classes, while approaching composition and mark-making in a variety of new ways. Prerequisites: Any ART 11XXX. (IRR)

3 Credits

ART 22500 Graphic Design I (LA)

Explores the fundamental principles of graphic design. Emphasis on conceptual problem solving, an integration of typography, image, layout, research, and presentation. Serves as an introduction to design concepts and media common to advertising and commercial applications such as Adobe Suite. Prerequisite: ART 12000. (F,S,Y)

3 Credits

ART 22600 Typography and Design (LA)

This course focuses on the unique role of typography as a powerful means to present information. Course topics include the history of typography and printing press processes, with a special emphasis on how typography changed and shifted in the early 20th century. Students investigate letter-form structure and classification systems, use of typographic contrast in composition, and structure with the grid and alignment. Prerequisites: ART 22500. (S,IRR)

3 Credits

ART 24000 Intermediate Painting: Expression in the Information Age (LA)

This course explores contemporary approaches to the expressive gesture of painting in an increasingly digital world. Students build on traditional painting techniques while breaking "rules" of representation. Focus on materiality, mark making and originality alongside the study of the historical and conceptual relationship between painting and technology. Prerequisites: Any ART 14XXX. (S,Y)

3 Credits

ART 24100 Intermediate Painting: The New Narrative (LA)

This course explores contemporary approaches to narrative and figure narrative painting as students learn how to engage in visual storytelling. Students build on traditional painting techniques while breaking "rules" of representation. Students study the historical and cultural contexts of painting while developing an intermediate skill set in painting.

Prerequisite: Any ART 14XXX. (F,Y)

3 Credits

ART 24900 Intermediate Painting: Special Topics (LA)

Content topics vary in order to engage students in different approaches to contemporary painting. Students will build on work begun in introductory painting classes, while approaching the medium in a variety of new ways. Prerequisites: Any ART 14XXX. (IRR)

3 Credits

ART 25000 Intermediate Sculpture: Ideas Follow Form (LA)

"Form follows function" was a phrase conceived by Louis Sullivan as an approach to solving modern architectural problems. This course amends the approach, experimentation of materiality becomes a way to create personalized content. Students study the historical and cultural contexts of sculpture while developing an intermediate skill set in sculpture.

Prerequisites: Any ART 15XXX. (F,Y)

3 Credits

ART 25100 Intermediate Sculpture: Site-Specific (LA)

This course explores contemporary approaches to place-based sculpture as a way for students to learn how to engage with concerns central to chosen locations. Students study the history of site specific installation, intervention, and interactive work as they develop an intermediate skill set in sculpture. Prerequisites: Any ART 15XXX. (S,Y)

3 Credits

ART 25900 Intermediate Sculpture: Special Topics (LA)

Content topics vary in order to engage students in different approaches to contemporary sculpture. Projects and topics build on the creative work and skills taught in introductory sculpture classes, while approaching form and space in a variety of new ways. Prerequisites: Any ART 15XXX. (IRR)

3 Credits

ART 26000 Intermediate Print Media: The Multiple as Democratic Voice (LA)

This course explores contemporary approaches to multiples that includes the changing relationship between accessibility, authorship and audience and connections to democratic voice. Students build on traditional techniques such as lithography, intaglio and silkscreen while incorporating digital and photographic processes. Students consider historical and cultural contexts while developing an intermediate skill set in print media. Prerequisites: Any ART 16XXX. (F,Y)

3 Credits

ART 26100 Intermediate Print Media: Expanded Field (LA)

This course explores the expanded field of contemporary print media. Students combine traditional processes such as lithography, intaglio and silkscreen with temporal, digital and photographic processes in order to engage in a hybrid practice that encourages careful consideration of form and content. Students study historical and cultural contexts while developing an intermediate skill set in print media. Prerequisites: Any ART 16XXX. (F,Y)

3 Credits

ART 26200 Intermediate Print Media: Book Arts (LA)

This course explores narrative as it refers to content expressed sequentially in the contained form of a book. Relationship between image and text is explored, as well as design, layout and content. The history of book arts, as well as contemporary approaches are explored alongside of construction and design using print media both traditional and digital.

Prerequisites: Any ART 16XXX. (S,Y)

3 Credits

ART 26900 Intermediate Print Media: Special Topics (LA)

Content topics vary in order to engage students in different approaches to contemporary printmaking. Building upon the skills and content work begun in their introductory printmaking classes, students will deepen their approach to creating multiples in a variety of new ways.

Prerequisites: Any ART 16XXX. (IRR)

3 Credits

ART 28000 Digital Studio I (LA)

This course explores contemporary approaches to art making that incorporate digital techniques into the studio practice and establish digital media as its own art form. Students study the historical and cultural context of the relationship between art and technology, originality and reproducibility. Prerequisites: Any level 1 studio art course (excluding ART 10000). (F,S,Y)

3 Credits

ART 30000 Theory and Practice 3: Professional Practices (NLA)

Exploration of the professional dimension of art making for art majors and minors. Preparation for thesis work, advanced professional study, and careers in art. Topics include development of artist statements, resume writing, documenting work, developing a studio practice and artist's website. Class culminates in curation, organization and installation of an exhibition. Prerequisites: ART 20000; Two other ART classes at level 2 or above; junior standing. (S,Y)

3 Credits

ART 31000 Advanced Drawing: Drawing in Space (LA)

This course investigates how drawing exists in time and space as three-dimensional installation. Student work builds upon skills developed at the intermediate level in drawing. Through projects such as drawing on three dimensional substrates, exploring varieties of linear installation and collaborative drawings, students discover how contemporary drawing exists in an expanded field. Students further develop their ability to conceptualize the relationship between form and content, as well as the development of independently guided work. Prerequisites: Any ART 21XXX. (S)

3 Credits

ART 31100 Advanced Drawing: World Building (LA)

This course explores contemporary approaches to drawing as a way to imagine new worlds, ideas and future strategies while learning how to engage in visual storytelling. Individualized strategies, bodies of work and research skills are emphasized as intentionality between form and content is mastered. Prerequisites: Any ART 21XXX. (F,Y)

3 Credits

ART 31900 Advanced Drawing: Special Topics (LA)

Content topics vary in order to engage students in advanced approaches to contemporary drawing. Students will build on work developed in intermediate drawing classes, while establishing a more independent approach to their art production. Prerequisites: Any ART 21xxx. (IRR)

3 Credits

ART 32500 Graphic Design II (LA)

Further study of graphic design principles and their application to comprehensive problem solving. Study of essential design language to broaden understanding of the field of visual communication. Students explore how graphic design is a personal, social, political, and cultural activity, and investigate production in current visual media. Students build a portfolio based on studio assignments. Expanded knowledge of Adobe Suite. This course may be repeated twice for a total of six credits. Prerequisites: ART 22500. (F,S,Y)

3 Credits

ART 34000 Advanced Painting: Originality in the Information Age (LA)

This course explores contemporary approaches to authorship in painting in an increasingly reproducible world, focusing on how technological reproduction of images has drastically altered our notions of creativity and originality. Students learn to push the painting practice further in skill and content through honing individualized strategies, research skills and bodies of work in the contemporary context. Prerequisites: Any ART 24XXX. (F,Y)
3 Credits

ART 34100 Advanced Painting: The New Narrative (LA)

This course combines contemporary approaches to narrative with an expanded exploration of visual storytelling that may include hybrid approaches such as mixed media, painting on found substrates, working in series, and installation painting. Through this exploration, students develop an increasingly independent studio practice. Prerequisites: Any ART 24XXX. (F,Y)
3 Credits

ART 34900 Advanced Painting: Special Topics (LA)

Content topics vary in order to engage students in advanced approaches to contemporary painting. Students will build on work developed in intermediate painting classes, while establishing a more independent approach to their art production. Prerequisites: Any ART 24XXX. (IRR)
3 Credits

ART 35000 Advanced Sculpture: Form Follows Ideas (LA)

In this advanced sculpture course, individual sensibilities and personal content are at the forefront and dictate the material choices. Along with further practice with traditional and non-traditional materials and methods, projects address contemporary world issues, interdisciplinary connections and sculptural installations. Prerequisites: Any ART 25XXX. (F,Y)
3 Credits

ART 35100 Advanced Sculpture: Site/Non-Site (LA)

This course explores how contemporary presentation strategies affect our experience of viewing place-based sculpture. Constructed, found, and designed spaces are explored as a framing device and source of content. Students develop an advanced skill set in sculpture while establishing a more independent approach to their studio practice. Prerequisites: Any ART 25XXX. (S,Y)
3 Credits

ART 35900 Advanced Sculpture: Special Topics (LA)

Content topics vary in order to engage students in advanced approaches to contemporary sculpture. Students will build on work developed in intermediate sculpture classes, while establishing a more independent approach to their studio practice. Prerequisites: Any ART 25XXX. (IRR)
3 Credits

ART 36000 Advanced Print Media: Dissemination as Democratic Voice (LA)

This course focuses on the meaning that underlies the serial image and its various modes of dissemination both historically and culturally. Students develop their visual voice using the techniques of print media in ways that work with developing individualized content and bodies of work, and that focuses on dissemination and performative framing strategies. Prerequisites: Any ART 26XXX. (S,Y)
3 Credits

ART 36100 Advanced Print Media: Expanded Field (LA)

This course explores increasingly complex and individualized strategies to the expanded field of contemporary print media. Emphasis on performance and social practice in order to engage in site-specificity, installation and interactive projects. Prerequisites: Any ART 26XXX. (F,Y)
3 Credits

ART 36900 Advanced Print Media: Special Topics (LA)

Content topics vary in order to engage students in advanced approaches to contemporary print media. Students will build on work developed in intermediate print media classes, while establishing a more independent approach to their studio practice. Prerequisites: Any ART 26XXX course. (IRR)
3 Credits

ART 38000 Digital Studio II (LA)

This course explores expanded approaches to technology, fabrication and the moving image. Students study the historical and cultural context of the relationship between art and technology, originality and reproducibility, developing an increasingly personal relationship to computer-based imaging and issues related to the field. Prerequisites: ART 28000. (IRR)
Attributes: MC
3 Credits

ART 39900-39901 Independent Study: Art (LA)

Advanced projects under specifically directed tutelage. Projects to be arranged between instructor and students. Offered on demand only. May be repeated two times for a total of six credits. Prerequisites: Permission of instructor. (F,S,Y)
Attributes: UND
1-4 Credits

ART 40000 Theory and Practice 4: Contemporary Theories of Art (LA)

In this culminating course for art majors, students learn about the global art world and contemporary theories of art in order to apply critical frameworks to their artistic practice and/or teaching pedagogy. Through readings and discussions, different critical frameworks for considering artistic production are explored, including post-structuralism, feminism, and post-colonialism. Restricted to students majoring in Art (B.A., B.F.A.) and Art Education. Prerequisites: ART 30000. (F,Y)
Attributes: CP
3 Credits

ART 49000 Senior Project I (LA)

A directed project under the advisement of the faculty in the student's major area. The aim is to develop a body of work demonstrating creative initiative as part of the senior capstone experience. Senior Project is required of BFA art majors. Prerequisites: BFA Art majors; completion of twenty-four credits in art; senior standing; permission of instructor. (F,S,Y)
3 Credits

ART 49100 Senior Project II (LA)

Continuation of a directed project under the advisement of the faculty in the student's major area. The aim is to develop a body of work demonstrating creative initiative as part of the senior capstone experience. Senior Project is required of BFA art majors. Prerequisites: BFA Art majors; ART 49000. (F,S,Y)
Attributes: UND
3 Credits

ART 49500 Art Internship (NLA)

An opportunity for students to gain practical experience in a variety of art-related activities that are directly involved in the creation of visual art. A faculty member from the art department as well as a mentor from the sponsoring agency supervises the internship. Internships are arranged on an individual basis and must be approved by the chair of the art department. Prerequisites: Permission of instructor/mentor; three art courses; junior or senior standing. (IRR)
1-4 Credits

ART 49900-49901 Independent Study: Art (LA)

Advanced projects for seniors under specifically directed tutelage. Projects to be arranged between instructor and student. Offered on demand only. May be repeated two times for a total of Prerequisites: Permission of instructor. (F,S,Y)
1-4 Credits

Art Major – B.A.
Summary

Code	Title	Credits
Art B.A. Major Requirements		50
Integrative Core Curriculum Requirements ¹		28 - 40
Electives		30 - 42
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Art majors are required to take at least two of the six introductory courses before taking classes above level 2.

Code	Title	Credits
REQUIRED CORE COURSES		
Theory and Practice of Art		
ART 10000	Theory and Practice 1: Play	1
ART 20000	Theory and Practice 2: Exploration	1
ART 30000	Theory and Practice 3: Professional Practices	3
ART 40000	Theory and Practice 4: Contemporary Theories of Art	3
Foundations of Art Media		
ART 12000	Two-Dimensional Design	3
ART 11xxx	Any level 1 Drawing course	3
ART 14xxx	Any level 1 Painting course	3
ART 15xxx	Any level 1 Sculpture course	3
ART 16xxx	Any level 1 Print Media course	3
UPPER-LEVEL COURSES IN ART		
Select 9 credits of intermediate ART courses in at least two different media:		9
ART 21xxx	Any level 2 Drawing course	
ART 22xxx	Any level 2 Graphic Design course	
ART 24xxx	Any level 2 Painting course	
ART 25xxx	Any level 2 Sculpture course	
ART 26xxx	Any level 2 Print Media course	
ART 28000	Digital Studio I	

Select 9 credits of advanced ART courses (only 3 credits of independent study or internship may be taken towards this requirement):

ART 31xxx	Any level 3 Drawing course
ART 32xxx	Any level 3 Graphic Design course
ART 34xxx	Any level 3 Painting course
ART 35xxx	Any level 3 Sculpture course
ART 36xxx	Any level 3 Print Media course
ART 399xx	Independent Study in Art
ART 49500	Art Internship
ART 499xx	Independent Study in Art

REQUIRED COURSES IN ART HISTORY		
ARTH 11100	Episodes in Western Art	3
ARTH 28500	Art since 1960	3
	or ARTH 28600 Art and Globalization	
ARTH xxxxx	One additional ARTH course at level 2 or level 3	3

Total Credits	50
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Art Major – B.F.A.
Summary

Code	Title	Credits
Art B.F.A. Major Requirements		71
Integrative Core Curriculum Requirements ¹		28-40
Electives		9-21
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Art majors are required to take at least two of the six introductory courses before taking classes above level 2.

Bachelor of Fine Arts (B.F.A.) students must maintain a 3.0 GPA in all ART courses and must pass a portfolio review by the end of the second year to confirm candidacy in the program. This review entails a portfolio presentation with a panel of faculty, as well as an interview. If a student transfers into the art department from another program within the college, the review will take place after the completion of 15 credits in art courses.

Code	Title	Credits
REQUIRED COURSES		
Theory and Practice of Art		
ART 10000	Theory and Practice 1: Play	1
ART 20000	Theory and Practice 2: Exploration	1
ART 30000	Theory and Practice 3: Professional Practices	3
ART 40000	Theory and Practice 4: Contemporary Theories of Art	3
ART 49000	Senior Project I	3
ART 49100	Senior Project II	3

Foundations of Art Media

ART 12000	Two-Dimensional Design	3
ART 11xxx	Any level 1 Drawing course	3
ART 14xxx	Any level 1 Painting course	3
ART 15xxx	Any level 1 Sculpture course	3
ART 16xxx	Any level 1 Print Media course	3

UPPER-LEVEL COURSES IN ART MEDIA

ART 21200	Intermediate Drawing: The Figure	3
ART 28000	Digital Studio I	3

Select 12 credits of intermediate ART courses in at least two different media areas: 12

ART 21xxx	Any level 2 Drawing course, excluding ART 21200	
ART 22xxx	Any level 2 Graphic Design course	
ART 24xxx	Any level 2 Painting course	
ART 25xxx	Any level 2 Sculpture course	
ART 26xxx	Any level 2 Print Media course	

Select 12 credits of advanced ART courses in at least two different media areas (independent study and internship courses may each count only once towards this requirement): 12

ART 31xxx	Any level 3 Drawing course	
ART 32xxx	Any level 3 Graphic Design course	
ART 34xxx	Any level 3 Painting course	
ART 35xxx	Any level 3 Sculpture course	
ART 36xxx	Any level 3 Print Media course	
ART 38000	Digital Studio II	
ART 399xx	Independent Study Art	
ART 49500	Art Internship	
ART 499xx	Independent Study Art	

REQUIRED COURSES IN ART HISTORY

ARTH 11100	Episodes in Western Art	3
ARTH 28500	Art since 1960	3
	or ARTH 28600 Art and Globalization	
ARTH xxxxx	Two additional Art History courses at level 2 or level 3	6

Total Credits 71

Art Education Major – B.A.

No additional students are being admitted to this program as of Fall 2021.

This program leads to K-12 New York State initial teaching certification.

Summary

Code	Title	Credits
	Art Content Area Requirements	42
	Core Education Requirements	42-48
	Integrative Core Curriculum Requirements ¹	16-28
	Electives	2-20
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Art majors are required to take at least two of the six introductory courses before taking classes above level 2.

Code	Title	Credits
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REQUIRED COURSES IN ART

ART 12000	Two-Dimensional Design	3
ART 12100	Three-Dimensional Design	3
or ART 12200	Sustainability and Innovation in Three-dimensional Design	
ART 11xxx	Any level 1 Drawing course	3
ART 28000	Digital Studio I	3
ART 40000	Theory and Practice 4: Contemporary Theories of Art	3

Select 6 credits (2 courses) in at least two media 6

ART 14xxx	Any level 1 Painting course	
ART 15xxx	Any level 1 Sculpture course	
ART 16xxx	Any level 1 Print Media course	

Select at least 9 credits of the following, in at least two different media, with at least one course at level 3 9

ART 21xxx	Any level 2 Drawing course	
ART 22500	Graphic Design I	
ART 24xxx	Any level 2 Painting course	
ART 25xxx	Any level 2 Sculpture course	
ART 26xxx	Any level 2 Print Media course	
ART 31xxx	Any level 3 Drawing course	
ART 34xxx	Any level 3 Painting course	
ART 315xx	Any level 3 Sculpture course	
ART 36xxx	Any level 3 Print Media course	
CNPH 14100	Introduction to Photography	

REQUIRED COURSES IN ART HISTORY

ARTH 11100	Episodes in Western Art	3
ARTH 16000	Art Across Cultures	3
ARTH 28500	Art since 1960	3
ARTH xxxxx	One course at level-2 or above, chosen in consultation with your adviser	3

CORE EDUCATION REQUIREMENTS

EDUC 10200	Reading Foundations	2
EDUC 20200	Literacy Across the Disciplines for Middle and Secondary Education	2
EDUC 20100	Technology for the Middle/Secondary School Teacher	2
EDUC 21010	Educational Psychology	3
EDUC 21800	Introduction to Pedagogy and Practice	3
EDUC 21910	Early Field Experience: Theory and Practice	3
EDUC 22900	Second Language Acquisition: Its Nature and Meaning for Educators	2
EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education	3
EDUC 40800	Professional Development Seminar	0

EDUC 41410	Pedagogy and Practice for the Art Teacher	4
EDUC 41210	Seminar in Reflective Practice	3
EDUC 49810	Professional Semester in Education	12
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
Foreign Language proficiency		0-6
Total Credits		84-90

Additional Education Requirements

1. All teaching-option students must successfully complete a year of college-level study in a language other than English or demonstrate equivalent proficiency.
2. All teaching-option students must successfully complete a writing course numbered at WRTG 10600 or above.
3. All teaching-option students must maintain a minimum overall G.P.A. of 3.0 as well as a G.P.A. of 3.0 in their subject area coursework.
4. Students must earn a grade of B or better in all EDUC courses in the Education Core to qualify for student teaching. A grade of B- does not qualify.
5. EDUC 49810 and EDUC 41210 constitute a full course load during the student-teaching semester. No additional courses may be taken nor can teacher candidates participate in extra-curricular activities that have the potential to affect time for teaching and preparation.
6. During the semester of student teaching, the student may not play a college sport.
7. All candidates for initial certification must successfully complete all New York State Certification tests or performance assessments required by the state for the applicant’s intended teaching certificate (type, grade levels, and subject areas).
8. The department chair and the coordinator of teacher education in the subject area must approve any exceptions to the above requirements.
9. The All-College Teacher Education Unit at Ithaca College requires teacher education students, regardless of program area, to be reviewed at four programmatic transition points during their course of study. Continuation in a teacher education major is contingent upon the student successfully meeting the requirements of each transition point review; therefore, admission into one of the Ithaca College Teacher Education Program majors at admission or upon transfer to the College *does not guarantee* that a student will be allowed to complete the program required for teaching certification. Further information can be found in the Unit-Wide Assessment Systems section of the main Department of Education catalog page.

Art Minor Requirements

Art minors are required to take at least three studio art courses in the Ithaca College Art Department to earn a minor.

Students minoring in Art may apply only three courses from a Graphic Design minor to the Art minor.

Code	Title	Credits
ART 1xxxx	Six credits of ART courses at level 1, in two different media, excluding ART 10000	6
ART xxxxx	9 credits of ART courses at level 2 or level 3, with at least 3 credits at level 3, and excluding ART 20000 and ART 30000	9
ARTH xxxxx	Art History Elective	3
Total Credits		18

Graphic Design Minor

Requirements

Art B.A. and Art B.F.A. majors may apply two courses from the major to the minor.

Students minoring in Graphic Design:

- may apply only three courses from an Art minor to the Graphic Design minor
- must take at least three courses at Ithaca College to earn the minor.

Code	Title	Credits
CORE COURSES		
ART 12000	Two-Dimensional Design	3
ART 22500	Graphic Design I	3
ART 32500	Graphic Design II	3
COMP 10500	Introduction to Website Development	3
RESTRICTED ELECTIVES		
Select two courses of the following:		6-8
ART 22600	Typography and Design	
ART 26200	Intermediate Print Media: Book Arts	
ART 28000	Digital Studio I	
ARTH 13500	Introduction to Visual Culture	
COMP 10700	Introduction to 2D Game Development	
COMP 20200	Computational Foundation of Emerging Media	
COMP 20500	Advanced Web Programming	
STCM 22000	Interactive Media	
Total Credits		18-20

Department of Art History

Bachelor of Arts

Paul Wilson, Associate Professor and Chairperson

Visual knowledge and visual experience are important paths to historical awareness and cultural literacy. Courses in art history and architectural studies will sharpen students’ ability to perceive and understand visual images and the built environment in a world where ideas and information are increasingly communicated through visual media. It will also deepen students’ understanding of history in general. Because visual artifacts eloquently express cultural values, students will learn to analyze works of art and architecture as carriers of political, social, and religious meanings.

Our courses also enrich students' lives by opening the door to a lifetime of aesthetic enjoyment, intellectual stimulation, and creative inspiration.

The department offers two majors, the B.A. in art history and the B.A. in architectural studies.

1. **The B.A. in art history.** This degree prepares students interested in pursuing careers in the arts or further study at the graduate level in the humanities. This major will also appeal to students who wish to study art, architecture, visual culture, human expression, or ideas through history. Students may elect an optional concentration in museum studies to further focus their studies.
2. **The B.A. in architectural studies.** This curriculum provides training for students interested in careers and master's-level study in the design professions. This program combines coursework in architectural history, theory, and sustainability studies with studio experiences in both art and architectural design to lay the groundwork for professional training and practice in architectural design, landscape architecture, historic preservation, urban design, and city planning. Note that the B.A. in architectural studies is a degree that does not qualify students to practice architecture. Students who want to practice architecture and become licensed architects may pursue an NAAB-accredited master of architecture program after completion of the B.A. in architectural studies, or the student may submit experience to the New York State Education Department that is acceptable to the New York State Board for Architecture totaling nine years after completion of the B.A. in architectural studies. Graduates of the B.A. in architectural studies would most likely need to pursue a three- to three-and-a-half-year master of architecture program in order to receive a master of architecture degree from an NAAB-accredited program.

The minor in art history complements studies in a wide variety of majors, among them studio art, cinema and photography, communications, literature, cultures, and languages.

Requirements for Honors in Art History

The honors program in art history offers stimulating, advanced undergraduate training for art history and architectural studies majors who show particular promise in the field. Students interested in entering the program should apply to the chair of the department during their junior year and must meet the following requirements:

1. An overall GPA of 3.00 and a 3.50 average in art history courses.
2. Approval by the department faculty. The decision is based on the faculty's judgment of the student's preparation and motivation to do independent research, and on the availability of two or more members of the faculty to work with the student.

After consultation with the department and evaluation of the student's ability to meet the requirements outlined above, the chair will give written notification of acceptance to the program.

Upon acceptance, the student agrees to complete ARTH 49900 during their penultimate semester, under the guidance of one or more art history faculty members. (The honors course must be completed during the student's penultimate semester so that the decision regarding honors can be made in time to be included in graduation announcements.) Research done in this course culminates in an honors thesis, which is evaluated and graded by the faculty members who have agreed to work with the student. Architectural studies majors may include a design

component as part of their thesis research. Honors are granted only to those students who receive a B or better on this project.

Majors & Minors

- Art History Major — B.A. (p. 411)
- Architectural Studies Major — B.A. (p. 412)
- Art History Minor (p. 413)

ARTH 11100 Episodes in Western Art (LA)

An introduction to art history through close examinations of selected works and themes from prehistory to the present. The chosen topics, primarily based on painting and sculpture from the Western tradition, will be discussed from a variety of perspectives, including style, artists' techniques and materials, potential meanings, and historical context. The course is designed to familiarize students with key terms and skills employed by art historians, as well as conventions and institutions associated with Western art. The course will cover a broad history of art while simultaneously raising questions about the sources and authority of that history. Not open to seniors. (Y)

Attributes: 3B, AN1, CA, CSA, G, H, HU, TIII, TWOS

3 Credits

ARTH 11200 Reading Buildings (LA)

Introduces architecture as a functional necessity, a structural art, and a window on human culture. Explores how we build and what our buildings say about us, as individuals and members of groups and societies. Through the metaphor of "reading," students learn to look at buildings and to decipher what they see, with focus on the architectural expression of identity and power. Not open to seniors. (Y)

Attributes: AN1, ARCH, CA, TIDE, TPJ

3 Credits

ARTH 11300 Elements of Architecture (LA)

A primer on the topic of architecture and architectural history. Acquaints students with the art of making buildings through a discussion of a variety of topics, among them materials, structure, mechanics, space, and light. Architectural theory is also introduced, from the ideas of Vitruvius through some of the more provocative pronouncements of Venturi. Students will learn to consider the activity surrounding the creation of architecture, including the interaction of architects, clients, builders, and even the natural forces that act upon buildings. Features architectural vocabulary, mastery of which is necessary for the analysis and understanding of architectural forms. Not open to seniors. (Y)

Attributes: ARCH, CA, TQSF

3 Credits

ARTH 11400 Architecture across Cultures (LA)

An investigation of world architecture, organized by architectural type. Examining such topics as spaces of dwelling, worship, and commerce comparatively across time and place sheds light on the ways in which cultural values and identities are shaped and expressed in architectural form. Students study architectural variety across cultures as an expression of historical, material, and cultural difference, and shared traits between cultures as responses to universal social needs, structural possibilities, and spatial strategies. Not open to seniors. (F,S,Y)

Attributes: AN1, ARCH, CA, G, INBG, TMBS, TQSF

3 Credits

ARTH 12500-12504 Selected Topics in Art History (LA)

Introduction to the discipline of art history by a review of major categories of art (i.e., portraiture, landscape, genre, still-life, narrative painting, abstraction, representation, sculpture, architecture) within the context of a single theme or period. Not open to seniors. (IRR)

Attributes: 3B, FA, G, H, HU

3 Credits

ARTH 13500 Introduction to Visual Culture (LA)

An examination of the crucial roles that images and objects play in shaping our society. The course covers the larger culture of visual images, including art, print, media, film, photography, and electronic media, and focuses on how images define, shape, and communicate beliefs and behaviors in a variety of contexts. The course emphasizes developing a sense of "visual literacy" and becoming more self-consciously aware of the act and nature of looking, in a world in which ideas increasingly are communicated in visual, rather than linguistic, form. Not open to seniors. (F,S,Y)

Attributes: 3B, AN3, CA, G, H, HU, SCE, TIDE, TPJ

3 Credits

ARTH 16000 Art Across Cultures (LA)

A cross-cultural comparison of artistic and visual production and introduction to fundamental concepts, terms, and visual analysis skills used in art history. By juxtaposing a variety of artistic cultures across time and space, this course will address how and why various peoples create art and communicate visually. Organization by theme will highlight different visual conventions and approaches to a range of subjects as well as the cultural and historical reasons for those differences. Not open to seniors. (F,S,Y)

Attributes: AN1, CA, G, H, INBG, TPJ, TWOS

3 Credits

ARTH 20100 Practicing Art History (LA)

Engages contemporary cultural debates at the center of Art History, Museum Studies, and Architecture by contextualizing them through the study of questions, theories, methods and ethical debates that have developed within the discipline. Students will develop skills in critical reading, evaluating sources, and identifying different approaches used to analyze images and spaces in order to build critical awareness for their future study. Involves critical reading, engaged discussion, and presentations. Prerequisites: One course in art history; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (F,Y)

Attributes: HU, WI

3 Credits

ARTH 20500 Chemistry and Art (LA)

Investigates, through lecture and laboratory activities, the scientific basis of such topics as paints and pigments, metalworking and sculpture, dyes and fabrics, polymeric materials, and chemical hazards in art. Introduces students to basic chemical concepts and laboratory techniques, as well as modern analytical instruments. Lectures on the material history of art establish the context for the study of these chemical and analytical concepts. Students may enroll for ARTH 20500 or CHEM 20500, but not both. Prerequisites: Sophomore standing; permission of instructor. (S,O)

Attributes: 2A, 3B, CA, FA, HU, NS, SC, TIII

4 Credits

ARTH 20600 Small Builds: Architecture at a Smaller Scale (LA)

Examines the interactions between architecture, art, industrial design and fashion through the analysis and presentation of case studies and texts.

Includes a studio component where students design and build hybrid-architectural objects such as functional jewelry, portable structures, and other small-scale architectural artifacts and models. Prerequisites: Sophomore standing or above. (IRR)

Attributes: AN3, CA, TIII, TQSF

3 Credits

ARTH 20700 The Architecture of Patterns: The art and science of patterns (LA)

Examines the history of patterns from a multidisciplinary perspective, and speculates upon their present and future use across a variety of fields. Includes design workshops where students will study and make patterns, utilizing examples and discourse from architecture, art, biology, chemistry, fashion, mathematics, ornament and other sources. Prerequisites: Sophomore standing or above. (IRR)

Attributes: CA, FA, TIII, TWOS

3 Credits

ARTH 20900 Introduction to the Roman World (LA)

Explores the many facets of Roman life as revealed through material culture; the arts (painting, sculpture, architecture, mosaics, pottery, metalwork); and the archaeological remains that shed light on the way Romans conducted their everyday lives. This is a thematic, rather than chronological, course. Satisfies the "art, visual culture, or architecture before 1400" requirement in the major. Prerequisites: Sophomore standing. (IRR)

Attributes: ARCH, CA, CSA, G, TPJ

3 Credits

ARTH 21600 Art in London (LA)

This course focuses on modern and contemporary art currently on view in London. In addition to providing an overview of the history of modern and contemporary art, it also introduces students to London's art world: from its public and private museums, galleries, and art spaces to contemporary debates on the arts. The course will largely be hands-on, with field trips to make use of London's distinctive setting and opportunities. Course topics change to include current exhibitions and events in London. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. Prerequisites: Sophomore standing. Offered only through the London Center. (Y)

Attributes: AN3, APOS, CA, CSA, HM, HU, INBG, TIDE, TIII

3 Credits

ARTH 21700 British Art and Architecture I: 1066-1660 (LA)

Studies of selected works of visual art from major periods in British history, to include British architecture, painting, costume, and design and their relationship to the societies that produced them. Includes survey of Roman, Saxon, and Celtic Britain. Visits to museums and field trips. Satisfies the "art, visual culture, or architecture from the years 1400 to 1750" requirement in the major. Offered only through the London Center. Prerequisites: Sophomore standing. (F,Y)

Attributes: AN1, APRE, ARCH, CA, CSA, G, HM, TIDE, TIII

3 Credits

ARTH 21800 British Art and Architecture II: 1660-1914 (LA)

A study of selected works of visual art from recent periods in Britain's history and their relationship to the societies that produced them.

Analysis of various styles in painting, architecture, costume, and ornament. Visits to museums and field trips. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major.

Offered only through the London Center. Prerequisites: Sophomore standing. (S,Y)

Attributes: AN1, APOS, APRE, ARCH, CA, G, HM, TIDE, TIII

3 Credits

ARTH 21900 Arts of Antiquity: Greece and Rome (LA)

Bronze Age art of the Aegean, Greek art from the geometric through the Hellenistic periods, and Roman art to the end of the pagan era. Satisfies

the "art, visual culture, or architecture before 1400" requirement in the major. Prerequisites: Sophomore standing. (F or S,Y)

Attributes: 3B, CA, CSA, FA, G, H, HM, TIDE, TIII

3 Credits

ARTH 22100 Introduction to the Medieval World (LA)

Explores different facets of medieval life as revealed through the visual and material culture of the western Middle Ages. Organized by theme rather than chronology. Topics include modern fascinations with the medieval, religious functions and contexts for images, medieval places and spaces, visual storytelling, images and objects of daily life, and medieval images of death. Investigates a variety of types of objects and images (including buildings, sculpture, manuscript illumination, metalwork, and mosaics), as well as archaeological remains of medieval life. Satisfies the "art, visual culture, or architecture before 1400" requirement in the major. (IRR)

Attributes: AN1, APRE, ARCH, CA, G, TIDE, TMBS, TPJ

3 Credits

ARTH 22200 Architecture from Catacombs to Cathedrals (LA)

A survey of medieval European architecture from the early Christian through the Gothic periods. The course follows developments in structure, form, patronage, and function of both religious and secular architecture, ranging from the earliest Christian places of worship and burial to late Gothic cathedrals and palaces. Satisfies the "art, visual culture, or architecture before 1400" requirement in the major.

Prerequisites: Sophomore standing. (IRR)

Attributes: ARCH, CSA, G

3 Credits

ARTH 23100 Northern Renaissance Art (LA)

A thematic and chronological exploration of painting, printmaking, and sculpture of northern Europe from the late 14th century through the mid-16th century. Explores such topics as the nature of realism in Flemish panel painting; the physical production and marketing of northern European artworks; the persuasive and subversive impact of printmaking; the effect of the Reformation upon image making; and the development of landscape painting and portraiture. Jan van Eyck, Hieronymus Bosch, Albrecht Dürer, and Pieter Brueghel the Elder are among the artists whose work is emphasized. Satisfies the "art, visual culture, or architecture from the years 1400 to 1750" requirement in the major. Prerequisites: Sophomore standing. (IRR)

Attributes: 3B, CSA, G, H, HU

3 Credits

ARTH 23200 Architecture from Renaissance to Revolution (LA)

An exploration of European architecture from the 15th to the 18th centuries, focusing on issues of form, space, structure, and meaning. The course begins and ends with "rebirths" of antiquity, considering in-between architectural ideas that seem to stray as far as possible from the classical tradition. Concepts such as Renaissance, baroque, rococo, and neoclassical are examined, as are relevant political and religious circumstances. Satisfies the "art, visual culture, or architecture from the years 1400 to 1750" requirement in the major. (F,S,Y)

Attributes: AN1, APRE, ARCH, CA, CSA, G, TIDE, TPJ

3 Credits

ARTH 23300 Great Spaces: An Introduction to Urban Design (LA)

Introduction to the history of open space design, with an emphasis placed on the city. Examination of the principles that generate successful spaces at several scales, from pocket parks and public squares to ceremonial sites and ideal cities. Analysis of the cultural meanings embedded in urban space. Regions covered include Western Europe and Russia, the Americas, and Asia. Chronological scope ranges from ancient to contemporary. Prerequisites: Sophomore standing. (F or S,Y)

Attributes: ARCH, ESTS, G

3 Credits

ARTH 23500 Art in Europe, 1500-1800 (LA)

Explores the visual culture of early modern Europe from the Renaissance to the Revolutionary era. Students survey a variety of media, study patronage, and chart the development of art institutions including academies and exhibitions. Satisfies the "art, visual culture, or architecture from the years 1400 to 1750" requirement in the major. (IRR)

Attributes: 3B, AN1, APRE, CA, CSA, FA, G, GERM, H, HU, TWOS

3 Credits

ARTH 24000 Architecture Since 1800 (LA)

A historical survey of significant architects and their works, from the 19th century to the present. Includes a discussion of aspects of style, design theory, technological developments, and architectural vocabulary. Emphasizes the role of the architect in modern society. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (IRR)

Attributes: AN1, APOS, ARCH, CA, TIDE

3 Credits

ARTH 24200 Placing Race and Gender (LA)

Explores ways in which social hierarchies are expressed in and shaped by the built environment, with a focus on race and gender. Examines architectural expressions of difference in historical and contemporary culture through siting, spatial layout, materials, ornamentation, and scale. Considers race- and gender-based barriers to participation in the architectural profession and expands the definition of architectural maker to include neglected contributions of builders, craftspersons, patrons and clients. (IRR)

Attributes: AN3, ARCH, CA, DV, TIDE, TPJ, WGSC

3 Credits

ARTH 24300 Gender and Visual Culture (LA)

Examines images of women and men in relation to concepts of gender, race, class, and sexuality, and investigates contemporary representations of gender from the perspective of the history of art and feminist theory. (IRR)

Attributes: AN1, AN3, CA, DV, G, MAP, SCE, TIDE, WGS, WGSC

3 Credits

ARTH 24500 Imaging Authority (LA)

Analyzes images of political figures from early modern Europe (16th-18th centuries) and the United States (18th century-present). Engages with visual constructions of power and authority in relation to culturally specific concepts of identity, particularly issues of gender. Will examine a variety of representational formats, especially painted portraits and prints, as well as newer media, such as photography and web formats. A key issue under consideration is how concepts of identity affect the representation, assumption, and exercise of political leadership. Satisfies the "art, visual culture, or architecture from the years 1400 to 1750" requirement in the major. (F,E)

Attributes: AN1, AN3, APRE, DV, G, MAP, WGS, WGSC, WGSJ

3 Credits

ARTH 25100 Nineteenth-Century European Art (LA)

Major styles of 19th-century painting and sculpture, especially in France but also in Spain, England, and Germany. Neoclassicism, romanticism, realism, impressionism, and postimpressionism are covered. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (F,Y)

Attributes: 3B, AN1, APOS, CA, G, GERM, H, HU, TIDE, TIII

3 Credits

ARTH 25200 Twentieth-Century European Art (LA)

Study of leading European painters and sculptors of the 20th century. Major movements from fauvism and expressionism through cubism, futurism, dadaism, and surrealism. Includes Rouault, Munch, Nolde, Kokoschka, Klee, Kandinsky, Matisse, Picasso, Boccioni, Mondrian, Tatlin, Duchamp, DeChirico, and Miró. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (S,Y)

Attributes: AN1, APOS, CA, G, GERM, TIII, TPJ

3 Credits

ARTH 26000 Pre-Columbian Art and Architecture (LA)

Introduces students to art produced in Mesoamerica and the Andes up to the time of contact with European cultures. Discusses artworks, structures, monuments, and objects associated with many of the major cultures of these regions, including Olmec, Teotihuacan, Maya, Aztec, Chavin, Moche, Paracas, Nazca, Wari, and Inca. Organized chronologically within each major region. Emphasizes the range of approaches used in the study of art and architectural history. Satisfies the "art, visual culture, or architecture before 1400" requirement in the major. (IRR)

Attributes: AN1, APRE, ARCH, CA, G, LAEL, LXME, NASE, RPRE, TIII, TMBS, TPJ

3 Credits

ARTH 26500 Modern Latin American Art (LA)

Explores artistic production in Latin America from the independence period (19th century) through the 20th century, and identifies competing definitions of what it means to be "modern" and "Latin American." Major themes include artistic contributions to the creation of national identity, Latin American artists' negotiations of European, indigenous, and African traditions, the rise of internationalism and the art market, and the relationship between art, politics, social activism, and resistance.

Addresses the following major artistic trends, among others: the academic tradition, modernismo, the Mexican mural movement, indigenismo, surrealism, constructive universalism, abstraction, conceptual art, and postmodernism. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (F,S,Y)

Attributes: AASE, AN1, APOS, CA, DV, G, H, INBG, LSCI, RPRE, TIDE, TIII

3 Credits

ARTH 27000 Art and Architecture of Africa (LA)

Introduces the art and architecture of Africa through a series of case studies that place objects and monuments in their social context while relating them to broader art historical issues. Covers two thousand years of history, from the ancient kingdoms of Mali to present day artists working on the continent. Major themes include: authorship and performance, gender, the role of photography in the formation of colonial and post-colonial identities, the ever-changing inventions of masquerade, individual vs. communal patronage, and the role of "tradition" in the production and reception of contemporary artists. (IRR)

Attributes: ADSE, AN1, AN3, APRE, ARCH, CA, RPRE, TMBS, TPJ

3 Credits

ARTH 27500-27516 Selected Topics in Art History: Thematic Topic (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: 3B, CSA, FA, G, H

3 Credits

ARTH 27517 ST: Art History (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: 3B, CA, FA, G, H, TIDE, TPJ

3 Credits

ARTH 27518-27520 Selected Topics in Art History: Thematic Topic (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: 3B, FA, G, H

3 Credits

ARTH 27540-27542 Selected Topics in Art History: Before 1400 (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: 3B, FA, G, H

3 Credits

ARTH 27550-27551 Selected Topics in Art History: Architecture before 1400 (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: ARCH, CA, G, TIDE, TIII

3 Credits

ARTH 27560-27561 Selected Topics in Art History: Art History from 1400 to 1750 (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: 3B, FA, G, H

3 Credits

ARTH 27570-27571 Selected Topics in Art History: Architecture from 1400 to 1750 (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: ARCH, G

3 Credits

ARTH 27580-27581 Selected Topics in Art History: Art History after 1750 (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: 3B, FA, G, H

3 Credits

ARTH 27590-27591 Selected Topics in Art History: Architecture after 1750 (LA)

This course may be repeated for credit for selected topics on different subjects. Prerequisites: Sophomore standing. (IRR)

Attributes: ARCH, G

3 Credits

ARTH 28000 Selected Topics in Art History (LA)

Intermediate course with a specialized focus on an art historical theme.

May be repeated for credit when topics vary. (IRR)

3 Credits

ARTH 28010 Selected Topics in Architecture (LA)

Intermediate course with a specialized focus on an architectural theme.

May be repeated for credit when topics vary. (IRR)

Attributes: ARCH

3 Credits

ARTH 28020 Selected Topics in Art History, Pre-1800 (LA)

Intermediate course with a specialized focus on an art historical theme, pre-1800. May be repeated for credit when topics vary. (IRR)

Attributes: APRE

3 Credits

ARTH 28030 Selected Topics in Architecture pre-1800 (LA)

Intermediate course with a specialized focus on an architectural theme, pre-1800. May be repeated for credit when topics vary. (IRR)

Attributes: APRE, ARCH

3 Credits

ARTH 28040 Selected Topics in Art History, post-1800 (LA)

Intermediate course with a specialized focus on an art historical theme, post-1800. May be repeated for credit when topics vary. (IRR)

Attributes: APOS

3 Credits

ARTH 28050 Selected Topics in Architecture post-1800 (LA)

Intermediate course with a specialized focus on an architectural theme, post-1800. May be repeated for credit when topics vary. (IRR)

Attributes: APOS, ARCH

3 Credits

ARTH 28300 American Visual Culture: 1690-1960 (LA)

Relates the images and objects made by and for Americans to the society that produced them. Organized in a thematic fashion around topics such as democracy, colonialism, progress, materialism, and pop culture. Traditional "art historical" media (painting, sculpture, architecture, and graphic arts) are joined by vernacular building, industrial design, costume, advertising, film, photography, and television to create a fuller picture of American life and culture over three centuries. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (S,Y)

Attributes: APOS, CA, MAP, TIDE

3 Credits

ARTH 28400 Art in New York City (LA)

Explores New York City as a context for modern and contemporary art. Topics include development of art museums and galleries, public art, and contemporary art institutions. Field trips are an essential component of the course. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. Offered only through the Ithaca College New York City program. (F,S,Y)

Attributes: 3B, AN3, APOS, CA, FA, HM, TIDE, TIII

3 Credits

ARTH 28500 Art since 1960 (LA)

Critically explores various avant-garde strategies used since 1960, when artists' practices radically changed. At that time, different working methods combining different media – and challenging long-held notions of art, artists, society, and even reality – were introduced. The question, But is it art? is one of the central issues debated. Focus on the so-called failure of modernist art, and how postmodernist, postcolonialist, and postfeminist issues define artistic practice today. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (IRR)

Attributes: 3B, APOS, CA, G, HU, SCE, TIII

3 Credits

ARTH 28600 Art and Globalization (LA)

Explores the intersections of contemporary art and globalization since 1990. Introduces theories of globalization and uses them to understand transformations in the art world and emerging art practices. Topics include art biennials, geography of the art world, graffiti/street art, public art, site-specific art, and relational aesthetics. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (E)

Attributes: AN3, APOS, CA, G, INBG, TWOS

3 Credits

ARTH 28700 Latinx Art in the United States (LA)

Focuses on Latinx Art in the United States during the 20th century, while periodically reaching back further in time to provide historical perspective. Special emphasis is placed on the following artistic cultures: Chicana, Puerto Rican, Cuban-American, and New York City's role as an artistic magnet. Topics to be considered include: the relative coherence of the category "Latinx Art," the role of art in the construction of tradition, community and history; the borderlands as space and theoretical concept; and the relevance of the arts in the contemporary debate over immigration. Satisfies the "art, visual culture, or architecture after the year 1750" requirement in the major. (IRR)

Attributes: AN3, APOS, CA, DV, H, LAEL, LAGC, LSCH, LXME, RPPE, SCE, TIDE, TPJ

3 Credits

ARTH 29200 Introduction to Museum Studies (LA)

Introduces the history of museums and galleries, explores the societal role of these institutions, and addresses the contemporary issues and ethical dilemmas they face. Investigates roles and responsibilities within museums and galleries. Combines lectures, field trips, discussions, and presentations. Prerequisites: Sophomore standing or above. (Y)

Attributes: AN1, AN3, FA

3 Credits

ARTH 30100 Architectural Studio I: Fundamentals of Architectural Design and Drawing (LA)

An introduction to basic concepts of architectural design through a graduated series of exercises focused on the architectural conceptualization of space, form, function, and structure. Basic techniques of architectural communication, including drawing, model-making, and simple 3-D computer modeling are introduced in the context of controlled investigations of architecture's formal properties and functional demands. Prerequisites: ARTH 11300 or ART 11400; ART 13000 or ART 13100; and one of the following: ARTH 20600, ARTH 20700, ARTH 20900, ARTH 22100, ARTH 22200, ARTH 23200, ARTH 23300, ARTH 24000, ARTH 26000, ARTH 2755X, ARTH 2757X, or ARTH 2759X. (S,Y)

Attributes: ESTS

4 Credits

ARTH 30200 Architectural Studio II: Environmental Design and Digital Representation (LA)

This course builds on skills introduced in ARTH 30100, moving from the scale of the individual architectural object to consideration of the building in its broader urban and natural environment. Basic techniques of drawing and 3-D modeling are further developed with exposure to more advanced representational challenges and digital tools. Course may be retaken once for credit. Students must have permission of instructor to repeat this course. Prerequisites: ARTH 30100. (F,Y)

4 Credits

ARTH 31800 Memorable Cities (LA)

An investigation of the architecture and urban design of cities distinguished by their physical beauty or by their status as political, religious, or cultural capitals (e.g., Paris, Rome, Moscow, St. Petersburg, New York, Washington, Los Angeles, Tokyo, Kyoto). The objectives of the course are twofold: (1) to explore the components of successful city design by analyzing architectural ensembles and urban patterns, and (2) to analyze the ways in which political and cultural values are expressed in urban form. Prerequisites: One course in art history at level 2 or above; junior standing. (O)

Attributes: AN1, ARCH

3 Credits

ARTH 33100-33110 Studies in Art from Ancient to Renaissance (LA)

Advanced studies of focused issues in the history of ancient, medieval, or Renaissance art. Specific course topic varies. May be repeated for credit for different topics. Prerequisites: One art history course at level 2 or above; junior standing. Further prerequisites may be added according to the topic. (IRR)

Attributes: ARCH, CSA

3 Credits

ARTH 35000-35010 Studies in Art from Baroque to Modern (LA)

Advanced studies of focused issues in art from the period between the 17th century and the present. Specific course topic varies. May be repeated for credit for different topics. Prerequisites: One art history course at level 2 or above; junior standing. Further prerequisites may be added according to topic. (IRR)

Attributes: HU

3 Credits

ARTH 35800 Form, Function, and Fantasy: Architecture since 1945 (LA)

The decades since World War II have been a time of extraordinary freedom and exploration in architecture and the most intense period of building in the history of the planet. In what direction is architecture headed? This course considers this question and related issues by examining recent and current architecture of Europe, the Western hemisphere, and the Far East. Prerequisites: One art history course at level 2 or above; junior standing. (IRR)

Attributes: ARCH

3 Credits

ARTH 36600 Art and Revolution in Latin America (LA)

Investigates painting, photography, graphic art, sculpture, and film aligned with the Mexican, Cuban, and Nicaraguan revolutions. This course will consider definitions of revolutionary art, relationships between government cultural policy and artistic creation, ways in which artists contribute to the construction of revolutionary society, and the viability of 20th-century Latin American revolutionary art. Prerequisites: One course in art history. (IRR)

Attributes: AN1, INBG, LAEL, LSPL, LXME, SCE

3 Credits

ARTH 37500 ST: Art History (LA)

This course may be repeated for credit for different selected topics.

Prerequisites: One art history course at level 2 or above; junior standing. (IRR)

Attributes: FA, HU, WGS, WGS3

3 Credits

ARTH 38000-38005 Studies in Architectural History and Theory (LA)

Advanced studies of focused issues in the history of architecture and architectural theory. Specific course topic varies. May be repeated for credit for different topics. Prerequisites: One art history course at level 2 or above; junior standing. Further prerequisites may be added according to the topic. (IRR)

Attributes: ARCH

3 Credits

ARTH 39200 Museum Practices and Methods (NLA)

Introduces various elements in the management of museums and galleries, focusing on the practical application of policies and procedures necessary to establish and maintain intellectual and physical control of museums and their collections. This course combines lecture, discussion, demonstrations, and field trips with hands-on projects in the Handwerker Gallery. Topics vary per offering and will include aspects of administration, object handling, physical care, recording, and the study of museums and their collections. Prerequisites: Three courses in art history; junior standing or above. (IRR)

3 Credits

ARTH 39300 Exhibitions, Education, and Outreach (LA)

Experiential learning course explores the scholarship and the experience of the interface between museums and galleries, arts professionals, and the public. Subjects covered include formulating and producing public programs, such as educational tours and guest lectures; creating and implementing public relations campaigns; designing, installing, and striking an exhibition; and assessing exhibitions. Prerequisites: Three courses in art history; junior standing. (IRR)

Attributes: HU

3 Credits

ARTH 39500 Performance, Institutional Critique, and the Museum (LA)

Explores relationship between contemporary artists, art museums, and commercial art galleries since 1960. Examines how art forms such as performance art and institutional critique engage critically with art museums and galleries. Prerequisites: One 200-level ARTH course. (IRR)

Attributes: HU, SCE

3 Credits

ARTH 39600 Exhibiting African Art (LA)

Examines how African art entered western collections from the earliest treasuries and cabinets of curiosities, to ethnography museums, private collections and finally art museums and galleries. Considers how museum installations respond to historical and political circumstances. Focuses primarily on traditional African art, but also studies how the display of this art continues to have an impact on contemporary African art and the market. Prerequisites: One art history course at level 2 or above; junior standing. (IRR)

Attributes: AN1

3 Credits

ARTH 39700 Selected Topics in Museum Studies (LA)

Advanced topics in museum studies. Specific course topic varies. May be repeated for credit for different topics. Prerequisites: One ARTH course at level 2 or above; junior standing.

3 Credits

ARTH 40100 Art History Capstone (LA)

Explores the relationships between the Art History major, the various components of the integrative core curriculum (ICC), other learning experiences at the College, and future goals. Students reflect on the role of a liberal arts education. Prerequisites: Senior standing; Art History majors only. (S,Y)

Attributes: CP, FA, HU

1 Credit

ARTH 48000 Senior Portfolio: Architecture (LA)

A critical appraisal of architectural projects, writing and research, and other related visual and textual materials created as part of a student's major in architectural studies. Through an assessment of their undergraduate production, students will be expected to explain and expand on past projects; apply knowledge of history, structure, and design theory to these projects; and discover systems of presenting their work to a variety of audiences. Prerequisites: architectural studies major with senior standing; ARTH 30200. (Y)

Attributes: CP, FA

1 Credit

ARTH 49000-49014 Seminar in Art History (LA)

A central topic with class discussion, individual research, and presentation of papers as major parts of the course. This course may be repeated for credit for seminar topics on different subjects. Prerequisites: 3 courses in art history including one art history course at the 300-level or 3 courses in art history and senior standing. (F-S,Y)

Attributes: HU, WI

3 Credits

ARTH 49050-49057 Seminar in Art History: Architecture Topic (LA)

A central topic with class discussion, individual research, and presentation of papers as major parts of the course. This course may be repeated for credit for seminar topics on different subjects. Prerequisites: 3 courses in Art History including one Art History course at the 300-level or 3 courses in Art History and senior standing. (F-S,Y)

Attributes: HU, WI

3 Credits

ARTH 49058 Seminar: Architecture Topic (LA)

A central topic with class discussion, individual research, and presentation of papers as major parts of the course. This course may be repeated for credit for seminar topics on different subjects. Prerequisites: 3 courses in Art History including one Art History course at the 300-level or 3 courses in Art History and senior standing. (F-S,Y)

Attributes: HU, WI

3 Credits

ARTH 49059-49060 Seminar in Art History: Architecture Topic (LA)

A central topic with class discussion, individual research, and presentation of papers as major parts of the course. This course may be repeated for credit for seminar topics on different subjects. Prerequisites: 3 courses in Art History including one Art History course at the 300-level or 3 courses in Art History and senior standing. (F-S,Y)

Attributes: HU, WI

3 Credits

ARTH 49200 Tutorial in Art History (LA)

Discussion and research-based study on a focused topic in small group setting under faculty guidance. Availability of specific tutorial and faculty to be determined in advance of registration. Prerequisites: Art History or Architectural Studies major with senior standing or permission of the department chair; permission of instructor. (F,S,Y)

Attributes: FA, HU, WI

3 Credits

ARTH 49300 Exhibition Seminar (LA)

Address the issues of exhibition-related curatorial work, and students will work together to curate an exhibition for the Handwerker Gallery and write the accompanying exhibition catalogue. Subjects covered include exhibition planning, organization, and installation; writing and producing catalogues and didactic materials; developing and implementing related programming; and the challenges in each phase of exhibition development from the original idea to its full realization. Prerequisites: Three courses in art history; WRTG 10600 or ICSM 10800-10899 or ICSM 11800-11899; senior standing. (IRR)

Attributes: HU, WI

3 Credits

ARTH 49400 Internship: Art History (NLA)

The internship provides an opportunity to gain practical experience working in a gallery or museum, under the joint supervision of a member of the museum staff and an Ithaca College faculty member. Internships are arranged individually at the student's request, subject to the availability of an appropriate museum or gallery slot. Internships may be carried out locally, at a remote location, or through Ithaca College's New York (ICNYC), Washington D.C. or London programs. Prerequisites: Three art history courses; sophomore standing or above; permission of instructor. (IRR)

1-6 Credits

ARTH 49700 Independent Study: Art History (LA)

Program of special reading and research under the supervision of a specialist in art history. Offered only on demand and by special permission. (IRR)

Attributes: FA, HU

1-4 Credits

ARTH 49800 Senior Internship (NLA)

An opportunity for senior majors to gain practical experience in the fields of art and architectural history, under the joint supervision of a site supervisor and an Ithaca College faculty member. Internships are arranged individually by the student and are subject to the availability of an appropriate internship position. Prerequisites: Art History or Architectural Studies major with senior standing or permission of the department chair and permission of instructor. (Y)

3-4 Credits

ARTH 49900 Honors Independent Study (LA)

Student-designed program of individualized reading, discussion, and research, culminating in the preparation and presentation of an honors thesis. Developed under the supervision of art history faculty. Prerequisites: WRTG 10600 or ICSM 10800-99 or ICSM 11800-99; Senior standing. Offered only by special permission: see "Requirements for Honors in Art History." (IRR)

Attributes: WI

3,4 Credits

Art History Major - B.A.

Summary

Code	Title	Credits
	Art History B.A. Major Requirements	36-48
	Integrative Core Curriculum ¹	29-40
	Electives	44-55
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
FOUNDATIONS IN ART AND ARCHITECTURE		
Visual Literacy		3
ARTH 11100	Episodes in Western Art	
ARTH 13500	Introduction to Visual Culture	
ARTH 16000	Art Across Cultures	
Spatial Literacy		3
ARTH 11200	Reading Buildings	
ARTH 11300	Elements of Architecture	
ARTH 11400	Architecture across Cultures	
PRACTICE: APPLYING METHODS TO DIVERSE TRADITIONS		
ARTH 20100	Practicing Art History	3
One ARTH course with attribute APRE, focusing on material before 1800		3
One ARTH course with attribute APOS, focusing on material after 1800		3
Two additional ARTH courses at the 200-level and above (CNPH 24000 may count towards this requirement)		6
PERFORMANCE: ADVANCED IMPLEMENTATION OF KNOWLEDGE AND SKILLS		
Two ARTH courses at 300-level		6
Two ARTH course at 300- or 400-level		6
INTERDISCIPLINARY STUDY		
ART xxxxx	Any 3-credit course in the art department (CNPH 14100 may be substituted for an ART course)	3
Language other than English		0-6
All art history majors must demonstrate proficiency at college-level language study, in a language other than English, through the beginner level. This can be done in one of three ways: 1) taking 10100 and 10200 in the DMLL, or SLPA 10900 and SLPA 20900 for 6 credits; 2) placing into and taking DMLL 10200 or SLPA 20900 for 3 credits; or 3) taking the proficiency exam and testing into 201 or above, in which case the requirement is met and no additional language credits are required.		
Language courses taken in the Department of Modern Languages and Literatures or in Speech Language Pathology and Audiology at Ithaca College must be taken for a letter grade. As a department requirement, grades in language courses count toward departent policies (only 4 credits at a C- or below may apply to courses in the major).		
Total Credits		36-42

Code	Title	Credits
MUSEUM STUDIES CONCENTRATION		
In addition to fulfilling the requirements for the Art History B.A., students pursuing the optional Museum Studies concentration complete the following specialized coursework. The requirements for the concentration may overlap with requirements for the general Art History major.		
ARTH 29200	Introduction to Museum Studies	3
Select one of the following advanced ARTH courses:		3
ARTH 39300	Exhibitions, Education, and Outreach	
ARTH 39500	Performance, Institutional Critique, and the Museum	
ARTH 39600	Exhibiting African Art	
ARTH 39700	Selected Topics in Museum Studies	
ARTH 49300	Exhibition Seminar	
ARTH 49400	Internship: Art History	3
Professional Development Courses		
WRTG 20100	Argument	3
or WRTG 21100Writing for the Workplace		
or WRTG 21300Technical Writing		
Select one of the following:		3
ART 22500	Graphic Design I	
COMP 10500	Introduction to Website Development	
MGMT 11100	Introduction to Business	
STCM 13300	Live Events: Spectacles, Festivals, Celebrations, and Society	
STCM 23200	Public Relations	
STCM 11100	Presentation & Graphic Design	
THEA 25100	Theatre Organization and Management	
WRTG 31700	Proposal and Grant Writing	
WRTG 34500	Writing as a Critic	

¹ Some courses may have additional prerequisites that the student is responsible for meeting.

Architectural Studies Major – B.A.

Summary

Code	Title	Credits
Architectural Studies B.A. Major Requirements		48
Integrative Core Curriculum ¹		28-40
Electives		32-44
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
COURSES WITHIN THE DEPARTMENT		
Core Courses		
ARTH 11300	Elements of Architecture	3
ARTH 11400	Architecture across Cultures	3

ARTH 30100	Architectural Studio I: Fundamentals of Architectural Design and Drawing	4
ARTH 30200	Architectural Studio II: Environmental Design and Digital Representation	4
ARTH 48000	Senior Portfolio: Architecture	1

Architectural History

Select nine (9) credits of 200- or 300-level courses with the attribute Architectural History (ARCH), with at least three (3) credits at the 300 level	9
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Architectural Design

Select one of the following:	3
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ARTH 20600	Small Builds: Architecture at a Smaller Scale	
ARTH 20700	The Architecture of Patterns: The art and science of patterns	
ARTH 23300	Great Spaces: An Introduction to Urban Design	

Senior Experience

Select 3 credits from the following: ¹	3
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ARTH 490xx	Seminar in Art History	
ARTH 49200	Tutorial in Art History	
ARTH 49800	Senior Internship	
ARTH 49900	Honors Independent Study	

Art History electives

ARTH xxxxx	Minimum of two 100- or 200-level nonarchitecture courses in art history, with at least one at the 200-level	6
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COURSES OUTSIDE THE DEPARTMENT

Building Sustainable Societies

Select 3 credits with the attribute Arch-Building Sustainable Society (ABSS) courses from outside the department.	3
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Art

ART 11xxx	Any Introduction to Drawing course	3
ART 12000	Two-Dimensional Design	3

Choose one of the following	3
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ART 12100	Three-Dimensional Design	
ART 12200	Sustainability and Innovation in Three-dimensional Design	
ART 22500	Graphic Design I	

Total Credits	48
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¹ ARTH 490xx, ARTH 49200, and ARTH 49900 must have an architecture topic; ARTH 49800 must be an architecture placement.

Art History Minor

Requirements

Code	Title	Credits
Art History Electives		18
• No more than 6 credits of 100-level courses (3 credits of the following may be substituted: 3 credit Studio ART course, CNPH 14100, CNPH 24000)		

- At least 6 credits in courses at 300-level or above (excluding: ARTH 49400, ARTH 49700, ARTH 49800, ARTH 49900)

Biochemistry

Bachelor of Science — Joint Major, Biology and Chemistry Departments

Maki Inada, Associate Professor and Steering Committee Chairperson

The biochemistry major provides a strong background for graduate study in biochemical science, preparation for medical school or a career in the pharmaceutical, agricultural, environmental, and biotechnology industries. The curriculum combines a strong background in relevant areas of chemistry and biology with focused study in biochemistry, including extensive laboratory courses that cover major experimental techniques in biochemistry. Students may participate in a diverse array of research programs with faculty from the biology or chemistry departments. The capstone course integrates coursework and biochemical experimental techniques through study of current research results in biochemistry through exposure to the primary literature.

Requirements for Honors in Biochemistry

Students may apply for honors to the biochemistry steering committee no later than three days before the add/drop deadline in the fall semester of their senior year. They must have completed at least 3 credits of research at level 3 or above to qualify and must have a minimum overall GPA of 3.00 with a 3.30 average in all chemistry and biology courses.

If the application is approved, students conduct an honors project designed in consultation with an adviser from either the biology or chemistry faculty. An honors committee of no fewer than three faculty members, including the adviser, is selected from both biology and chemistry faculties, with at least one member from each department. The committee reviews the project periodically to monitor the student's progress.

An honors thesis is to be submitted by the student no later than three weeks before the date of graduation. The honors thesis is evaluated by the honors committee. An oral defense of the thesis, open to faculty and students of both departments, is made before the honors committee. Final approval from consultation of the honors committee and the chairs of biology and chemistry.

Majors

- Biochemistry Major — B.S. (p. 414)

BIOC 19100 Research in Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS

1-3 Credits

BIOC 19200 Research: Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS

1-3 Credits

BIOC 29100 Research in Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS

1-3 Credits

BIOC 29200 Research: Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS

1-3 Credits

BIOC 33300 Biochemistry and Molecular Biology (LA)

A one-semester survey course covering the main concepts of biochemistry and molecular biology. Covers protein structure, enzymology, core metabolism, nucleic acid structure, DNA replication, transcription and translation from a molecular perspective. Lecture/discussion: Three hours. Not open to students who have completed BIOC 35300 or BIOC 35400. Prerequisites: BIOL 11900 or BIOL 12100; CHEM 22200. (S,Y)

Attributes: BIEL

3 Credits

BIOC 35300 Biochemistry: Protein Structure & Function (LA)

Introduction to biochemistry, including consideration of protein, enzyme, carbohydrate, and lipid structure and function, and metabolism of sugars, fatty acids, and amino acids. Mechanisms of reactions and control of pathways are stressed. Three hours of lecture per week. Prerequisites: CHEM 22200 and 23200. (F,Y)

Attributes: BIEL, QL

3 Credits

BIOC 35400 Biochemistry: Molecular Biology of the Gene (LA)

The structure of nucleic acids and chromosomes, replication of DNA, mutation and repair, DNA recombination, transcription, RNA processing, translation, gene regulation in prokaryotes and eukaryotes, genes and development, and molecular medicine will be covered. Three hours of lecture and one hour of discussion per week. Prerequisites: CHEM 22200 and BIOL 22700. (S,Y)

Attributes: BIEL

4 Credits

BIOC 39000 Independent Research in Biochemistry (LA)

In consultation with a faculty member, student will plan and execute a research project in biochemistry or related area. The project will culminate in a research paper describing the findings as well as an oral presentation delivered to the department of the faculty advisor. Prerequisites: BIOL 22700; CHEM 23200; permission of instructor. (F-S, Y)

3 Credits

BIOC 39100 Research in Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS

1-3 Credits

BIOC 39200 Research: Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS

1-3 Credits

BIOC 41000 Experimental Biochemistry (LA)

Immersion in a project-based research environment, focusing on current methodologies in biochemistry, molecular biology, genomics, and bioinformatics. In a highly collaborative atmosphere, students will form an interactive research team that engages in rigorous scientific problem solving through the sharing of ideas and progress reports. Prerequisites: BIOC 35300; BIOC 35400 (may be taken concurrently). (S,Y)

Attributes: ENRE, NS

3 Credits

BIOC 48100 Current Topics in Biochemistry (LA)

Discussion of major research areas of current interest. Topics change from year to year, but may include genetic engineering and cloning techniques, mechanisms of carcinogenesis, toxicology, immunology, and gerontology. Prerequisites: WRTG 10600 or ICSM 10800-10899 or ICSM 11800-11899; BIOC 35300 and BIOC 35400. (S,Y)

Attributes: BIEL, CP, WI

3 Credits

BIOC 49100 Research in Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS

1-3 Credits

BIOC 49200 Research: Biochemistry (LA)

After consultation with a faculty member doing biochemical research, the student undertakes a research problem under the guidance of that faculty member. Prerequisites: Permission of the faculty member.

Attributes: NS

1-3 Credits

BIOC 49700 Honors Research in Biochemistry (LA)

After consultation with a selected honors committee from biology and chemistry faculty, the student undertakes a research project under the guidance of a faculty member. An honors thesis and an oral defense of the thesis are required. Prerequisites: Admission to honors program; three credits of research at level 3 or above.

Attributes: NS

3-4 Credits

BIOC 49800 Honors Research: Biochemistry (LA)

After consultation with a selected honors committee from biology and chemistry faculty, the student undertakes a research project under the guidance of a faculty member. An honors thesis and an oral defense of the thesis are required. Prerequisites: Admission to honors program; three credits of research at level 3 or above.

Attributes: NS

3-4 Credits

Biochemistry Major — B.S.

Summary

Code	Title	Credits
	Biochemistry B.S. Major Requirements	68
	Integrative Core Curriculum Requirements ¹	28-40
	Electives	12-24
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
BIOLOGY		
BIOL 12100	Principles of Biology, Cell and Molecular	4
BIOL 12200	Principles of Biology, Ecology and Evolution	4
BIOL 22700	Genetics	4
CHEMISTRY		
CHEM 12100 & CHEM 12200 or CHEM 12300	Principles of Chemistry and Principles of Chemistry Laboratory or Principles of Chemistry - Enriched Section	4
CHEM 12400	Experimental Chemistry I	2
CHEM 22100	Organic Chemistry I	3
CHEM 22200	Organic Chemistry II	3
CHEM 22500	Experimental Chemistry II	2
CHEM 23200	Quantitative Chemistry	3
CHEM 33100	Physical Chemistry: Thermodynamics and Kinetics	3
BIOCHEMISTRY		
BIOC 35300	Biochemistry: Protein Structure & Function	3
BIOC 35400	Biochemistry: Molecular Biology of the Gene	4
BIOC 48100	Current Topics in Biochemistry	3
INQUIRY-BASED LABORATORY ELECTIVE		
BIOC 39000 or BIOC 41000	Independent Research in Biochemistry or Experimental Biochemistry	3
CELLULAR BIOCHEMISTRY ELECTIVE¹		
Select one of the following:		4
BIOL 34500	Developmental Biology	
BIOL 35200	Microbiology	
BIOL 35400	Cell Biology	
BIOLOGY OR CHEMISTRY ELECTIVE		
Select at least 3 additional credits of BIOL or CHEM at the 300- or 400-level ^{1,2}		3
PHYSICS		
Select one of the following sequences:		8
PHYS 11700 & PHYS 11800	Principles of Physics I: Mechanics and Principles of Physics II: Electricity and Magnetism	
PHYS 10100 & PHYS 10200	Introduction to Physics I and Introduction to Physics II	
MATHEMATICS		
Select one of the following sequences:		8
MATH 10800 & MATH 14500	Applied Calculus and Statistics for the Health, Life, and Social Sciences	
MATH 11100 & MATH 11200	Calculus I and Calculus II	
Total Credits		68

¹ The credits taken to fulfill the Cellular Biochemistry requirement cannot also be used to fulfill the Biology or Chemistry elective requirement.

² The following seminar and research courses cannot be used to count toward the Biology or Chemistry elective requirement: BIOL 30000, BIOL 30100, BIOL 30200, BIOL 40000, BIOL 40200, BIOL 41100, BIOL 41200, BIOC 39000, BIOC 39100, BIOC 39200, BIOC 49100, BIOC 49200, BIOC 49700, BIOC 49800, CHEM 39100, CHEM 39200, CHEM 48600, CHEM 48700, and CHEM 48800.

Department of Biology

Bachelor of Arts, Bachelor of Science

Jean Hardwick, Dana Professor and Chairperson

The biology department offers a liberal arts education with a major in biology, giving a strong foundation for continued study at the graduate level. This curriculum also provides preparation for entering the health professions (dentistry, medicine, optometry, osteopathy, podiatry, and veterinary medicine) and paramedical fields. Other career opportunities exist in laboratories, pharmaceutical and chemical companies, governmental and environmental agencies, and other organizations that require personnel with a biology background.

The curriculum in the biology major, in conjunction with an Education Studies minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-education/education-studies-minor/>), prepares students to enter Masters in Teaching programs in secondary teaching in biology.

Requirements for Honors in Biology

Students with a minimum GPA in biology courses of 3.30 and an overall GPA of 3.00 may apply for honors after they have completed (or are currently enrolled in) BIOL 30200. The application must include a one-page summary of the proposed research project and documentation that the honors committee has approved the proposal. The honors committee consists of the faculty sponsor and two other faculty members, one of whom must be from the Biology department. The Biology department curriculum committee reviews the qualifications of the applicants, certifies that thesis committee sponsorship has been obtained, and thus decides whether to accept the student for honors.

After being accepted for honors, the student designs the year-long honors project in consultation with the faculty sponsor and writes up a proposal describing this project, which is then submitted to the honors committee. The honors committee monitors the progress of the project and the academic performance of the student.

The student writes a thesis summarizing their research and gives an oral presentation to the department at the end of the second semester of the project. The honors committee will make the determination whether or not to grant honors in biology.

A detailed description of the honors requirements and deadlines is available from the faculty adviser.

Courses for Nonmajors

The biology department offers numerous courses of interest to the nonmajor. These courses, both at the 100- and the 200-level, cover such topics as: Life in the Ocean, The Biology of Sex, Plagues and People, Neuroscience and Technology, Island Biology, and Good Vibrations: The Biology of Music.

Advanced Placement

Students who receive a score of 3, 4, or 5 on the Advanced Placement (AP) Biology exam will receive 3 credits for BIOL 11500 and 3 credits for BIOL 18888, a general, non-specific biology elective.

Majors & Minors

- Biology Major — B.A. (p. 421)
- Biology Major — B.A. with Teaching Option (p. 421)
- Biology Major — B.S. (p. 423)
- Biology Minor (p. 423)

BIOL 10100 Plagues & Peoples (LA)

This course focuses on the significant socio-economic, cultural, and political impacts of plagues and epidemics from historical through modern times. We explore the vectors of disease such as viruses, parasites, and bacteria. Although modern medical advances have improved disease control, inequities in access to these treatments is at the root of modern power struggles. This is a general education course intended for non-science majors. (IRR)

Attributes: AN2, SC, TIDE, TPJ

3 Credits

BIOL 10210 Biology of Sex (LA)

An evolutionary analysis of reproductive behavior, taking a comparative approach among animals, including humans, to better understand our own sexuality and behavior in a biological context. Topics include asexual and sexual reproduction; sex determination; genetic and environmental determinants of sexual behavior; male and female tactics; mating systems (monogamy, polyandry, polygyny); conflict of interests between the sexes; courtship displays; mate choice; assuring paternity; and parental care. This is a general education course intended for non-science majors. Lecture/discussion: Three hours. (S,O)

Attributes: 2A, NS, SC, TIDE, TIII, WGS, WGS1

3 Credits

BIOL 10310 New and Emerging Diseases (LA)

Examines the phenomenon of new and emerging diseases and their effects on humans. Topics include the history of emerging or reemerging diseases, epidemics and pandemics, the role of ecological factors in disease emergence, types of infectious agents, their mechanisms of action, and how our immune system responds to infection by these agents. We examine factors – such as antibiotic resistance, population, environmental changes, global travel, and global warming – that contribute to diseases in the 21st century. We also discuss how political, economic, social, and cultural factors contribute to the emergence of diseases and the response to those diseases. This is a general education course intended for non-science majors. (S,Y)

Attributes: 2A, AN2, NS

3 Credits

BIOL 10400 Environmental Biology (LA)

Blends general ecological concepts with evaluations of several environmental problems. Topics include the growth and regulation of natural populations compared to human populations; our use and future supplies of energy, from food to nuclear power; and the preservation of wildlife. The pollution of our environment by human activities is emphasized. This is a general education course intended for non-science majors. Lecture/discussion: Three hours. (F,S,Y)

Attributes: 2A, NS, SC, TQSF

3 Credits

BIOL 10600 Plants, People, and Food Production (LA)

Major emphasis is placed on the structure and function of plants; the use of plants in food production; the structure of agricultural technology; the relationship between world food supply and the population problem; scientific, social, and economic aspects of food production. This is a general education course intended for non-science majors. Lecture/discussion: Three hours. (IRR)

Attributes: 2A, AN2, NS, SC, TQSF, TWOS

3 Credits

BIOL 10700 Human Genetics (LA)

Heredity in human families and populations; genetic basis of normal and abnormal traits; chromosome behavior and sex determination. Emphasis is placed on the social, ethical, and political issues in genetics. This is a general education course intended for non-science majors. Lecture/discussion: Three hours. (FE)

Attributes: 2A, AN2, NS, SC, TIDE, TIII

3 Credits

BIOL 10800 The Human Organism (LA)

Study of the structure and function of the human body. Primary emphasis is placed on normal body function, with a secondary emphasis placed on common diseases. For non-science majors; cannot be taken by students who have completed BIOL 11500, BIOL 11900, or BIOL 12100. Lecture/discussion: Three hours. (FY)

Attributes: 2A, NS, SC, TIDE, TWOS

3 Credits

BIOL 10900 Life in the Ocean (LA)

Study of the diversity of life found in the ocean with special attention to how ocean life impacts and is impacted by humans. Threats to ocean diversity will be looked at from the standpoint of their effects on both individual organisms and various ocean ecosystems. There will be one open lab during the semester. This is a general education course intended for non-science majors. Lecture: Three hours. (IRR)

Attributes: 2A, NS, SC, TIDE, TPJ

3 Credits

BIOL 11010 History of Life on Earth (LA)

This course will present what we know about the geologic past. Methodologies used to study the past history of our planet will be introduced. The course will also critically analyze topics that frequently appear in the popular media such as new paleontological discoveries, new views on dinosaur biology, mass extinctions, and processes of evolution. This is a general education course intended for non-science majors. Lecture/discussion: Three hours. (S,Y)

Attributes: 2A, NS, SC, TIII, TWOS

3 Credits

BIOL 11300 Insects and People (LA)

Why insects are the most successful animals on earth, and their negative and positive effects on people. Topics include insect structure, function, reproduction, development, and behavior; insects as pollinators and producers of useful products; insects as scavengers and applications in forensic science; insects as vectors of disease; agricultural, forestry, and household pests; chemical and biological control of insect pests. This is a general education course intended for non-science majors. Lecture/discussion: Three hours. (FO)

Attributes: 2A, NS, SC, TIII, TQSF

3 Credits

BIOL 11400 Exploring the World Through Evolutionary Biology (LA)

Examination of the mechanisms that have resulted in the rich diversity of life on our planet. Emphasis on how evolutionary biology helps us to understand current issues in ecology, conservation biology, global climate change, agriculture, human health and medicine, and human behavior. Topics include: the fossil record, biodiversity, mass extinctions, human evolution, infectious diseases and antibiotic resistance. (IRR)
Attributes: 2A, AN2, NS, SC, TIII
3 Credits

BIOL 11500 Essentials of Biology (LA)

A one-semester general biology course for nonmajors covering basic physiology, genetics, and development. Evolutionary trends and ecological relationships are discussed. The influence of biology on the lives of humans is emphasized. This is a general education course intended for non-science majors. Lecture/discussion: Three hours. (IRR)
Attributes: 2A, NS
3 Credits

BIOL 11800 Island Biology (LA)

An introduction to the biology of islands and the impacts of human activity on island ecosystems. Focuses on flora and fauna of islands and considers evolution on islands, island endemics, adaptive radiation, as well as the impacts of human activities including climate change, introduced species and tourism. This course is intended for non-science majors; students who have already taken the ICSM Island Life or BIOL 22300 (Biology of Oceanic Islands) cannot take this course for credit. (IRR)
Attributes: SC, TQSF, TWOS
3 Credits

BIOL 11900 Fundamentals of Biology: Cells and Bodies (LA)

A survey of biology for physical and occupational therapy, exercise science, and other health-related majors. Covers cell structure, cellular respiration, mitosis and meiosis, genetics, DNA structure and function, and animal physiology. Lecture: Three hours. Laboratory: Three hours. (FY)
Attributes: 2A, NS
4 Credits

BIOL 12000 Fundamentals of Biology: Ecology and Evolution (LA)

A survey of biology for physical and occupational therapy, exercise science, and other health-related majors. Meets the biology requirement for environmental studies majors. Covers microevolution, macroevolution (patterns of evolution of the kingdoms, of phyla of plants and animals, and of classes of vertebrates), and ecology (general and human) at the level of populations, communities, and ecosystems. Lecture: Three hours. Laboratory: Three hours. (S,Y)
Attributes: 2A, NS
4 Credits

BIOL 12100 Principles of Biology, Cell and Molecular (LA)

One of two core introductory lecture-laboratory courses for biology and other science majors that surveys the field of biology. Major emphasis is placed on biochemistry, cellular biology, and genetics, and their impact on organismal structure and function. Lecture/discussion: Three hours. Laboratory: Three hours. (F, Y)
4 Credits

BIOL 12200 Principles of Biology, Ecology and Evolution (LA)

One of two core introductory lecture-laboratory courses for biology and other science majors that surveys the field of biology. Concentrates on the origins and maintenance of biodiversity through evolutionary and ecological processes. Lecture/discussion: Three hours. Laboratory: Three hours. (S,Y)
Attributes: 2A, NS
4 Credits

BIOL 16000 Natural World by the Numbers (LA)

Practical application of precollege level mathematics to natural phenomena. Practice evaluating the interpretation and presentation of data. Cross-listed with CHEM 16000. Prerequisites: Passing score on math competency exam. (IRR)
Attributes: NS
3 Credits

BIOL 19702 The Biology of Cancer (LA)

Investigates how cancer cells function and how genetic and environmental factors lead to the transformation of cells. Examines the cellular systems, including the immune system, designed to protect normal cells from becoming cancerous, the growth and behavior of tumors, the phenomena of invasion and metastasis, and the treatment and statistics of cancers. (S,Y)
Attributes: 2A, NS, SC, TWOS
3 Credits

BIOL 20000 Independent Study: Biology (LA)

For students pursuing special laboratory projects or literature research and for teaching interns (working within the department). Discussion and/or laboratory to fit the student's needs. Course level determined by the intended degree of independence and originality of the student's work, and the extent of the student's background courses. Course may be repeated for different projects. Offered on demand only. Prerequisites: Permission of instructor.
Attributes: UND
1-3 Credits

BIOL 20300 Invertebrate Zoology (LA)

The vast majority of species found on earth are invertebrates. These include many species used as "model systems" for developmental and genetic research, most parasites and vectors of disease, and most species studied in marine biology. This course emphasizes a "body plan" approach to studying invertebrates: exploring the different morphological and physiological solutions that the organisms have used to cope with environmental conditions and to accomplish the basic tasks necessary for survival. Evolutionary relationships among invertebrate phyla are examined using recent lines of evidence from developmental biology and molecular biology, as well as comparative morphology. Lab exercises include field trips to collect and study invertebrates of the region. Lecture: Three hours. Laboratory: Three hours. Prerequisites: BIOL 12200 or BIOL 12000. (FO)
Attributes: BIEL
4 Credits

BIOL 20400 Selected Topics: Biology (LA)

Intermediate course with a specialized focus chosen by faculty members or resulting from student requests. May be repeated for credit when topics vary. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200. (IRR)
Attributes: BIEL
2-4 Credits

BIOL 20500 Biology of Aging (LA)

Study of theoretical and measured aspects of the aging phenomenon as it influences human biology. Topics range from the subcellular to whole populations. Course may not be used to fulfill requirements in the biology major or minor. Prerequisites: Sophomore standing. (S,Y)

Attributes: 2A, NS, SC, TMBS

3 Credits

BIOL 20600 Primary Human Anatomy (LA)

A one-semester introduction to human anatomy designed for physical and occupational therapy majors in preparation for cadaver dissection. Lecture topics include anatomical terminology; tissues types; skeletal, muscular, and nervous systems; and regional anatomy. Emphasis in laboratory is placed on bones, muscle attachments, actions and innervations, and dissection skills. Prerequisites: BIOL 11900 or BIOL 12100 and sophomore standing. (S,Y)

Attributes: BIEL, ENRE

3 Credits

BIOL 20700 Communicating Biology (LA)

Develop best practices for presenting biological research findings orally and in writing. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200; WRTG 10600 or equivalent. Enrollment limited to Biology majors. (F-S,Y)

Attributes: BIEL, WI

3 Credits

BIOL 20900 Experiences in Biology (NLA)

Supervised, hands-on, group experience in the biological sciences that is connected to a course that provides the background and preparation for the experience. Experiences often involve travel that is typically scheduled during winter, May, or summer terms. Experiences may encompass a range of activities, but emphasize immersion in a particular topic or activity in a non-traditional setting. This course may be repeated. Prerequisites: permission of instructor. (IRR)

0-1 Credits

BIOL 21000 Research in Biology (LA)

For students who desire research work but have not yet completed BIOL 30200. Prerequisites: One introductory biology course; permission of instructor. May be repeated once for credit. (F-S,Y)

Attributes: UND

1-3 Credits

BIOL 21200 Conservation Biology (LA)

Introduction to principles of conservation biology issues used to understand and reverse the current worldwide species loss. Examination of case studies of local and global conservation efforts to combat this species loss. Lab exercises include field trips. Lecture: Three hours. Laboratory: Three hours. This course is cross-listed with ENVS 21200; students cannot receive credit for this course and ENVS 21200.

Prerequisites: Any 10000-level ENVS or BIOL course. (IRR)

Attributes: BIEL, ENRE

4 Credits

BIOL 21400 Animal Physiology (LA)

The study of physiological mechanisms, from the molecular and cellular to the organismic level, with an emphasis placed on unique adaptations to environmental stresses. Specific topics include the mechanisms underlying nerve function, movement, circulation, respiration, and endocrine regulation. Lecture: Three hours. Laboratory: Three hours.

Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200. (F,Y)

Attributes: BIEL, ENRE

4 Credits

BIOL 22300 Biology of Oceanic Islands (LA)

The mechanisms of evolution and the factors that drive speciation on island systems are covered in detail. Topics include: island biogeography, global and island climate, ecological niches, natural selection, adaptive radiation, invasive species, conservation biology, and the impacts of anthropogenic activities on island habitats. Prerequisites: BIOL 12000 or BIOL 12200. (IRR)

Attributes: BIEL

3 Credits

BIOL 22500 The Power of Plants: Plants in Medicine and Agriculture (LA)

Explores the important roles of plants in modern society and indigenous cultures, with specific focus on plants as sources of medicines and food. Other topics include plant classification; the mechanisms of bioactive plant compounds in humans; the evolution, domestication, and genetic modification of crop plants; plant conservation; and ownership of nature. Lectures include discussions based on readings as well as lectures.

Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200. (F,O)

Attributes: BIEL

4 Credits

BIOL 22700 Genetics (LA)

Principles of heredity; survey of classical genetics, human genetics, modern molecular and microbiological genetics; studies of confidence of analysis of genetic data; and interrelating transcription and translation at the cellular and organismal level. Lecture: Three hours. Laboratory: Three hours. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200; CHEM 12100 or CHEM 12300. (F,S,Y)

Attributes: BIEL, ENRE

4 Credits

BIOL 22800 The Evolution of Adaptations (LA)

Utilizes a comparative approach to analyze some of the most significant adaptations in organismal biology, highlighting fundamental processes and common patterns in evolution. Anatomical, paleontological, developmental, molecular and functional evidence will be considered.

Lecture: Three hours. Prerequisites: BIOL 11900 or BIOL 12100;

BIOL 12000 or BIOL 12200. (IRR)

Attributes: BIEL

3 Credits

BIOL 27100 General Ecology (LA)

Presents the basic concepts of ecology with balanced treatment of plant and animal examples. Topics include the interactions among individuals of a population, interactions in their abiotic environment, and interactions with other species. Also discussed are growth, regulation, diversity, and stability of populations, and the interactions among populations at the community and ecosystems levels. Laboratories include field and laboratory work and statistical analyses of data. Lecture: Three hours.

Laboratory: Three hours. Prerequisites: BIOL 12000 or BIOL 12200. (F,Y)

Attributes: BIEL, ENRE

4 Credits

BIOL 27500 Field Biology (LA)

Survey of the ecosystems of central New York. Areas of emphasis are direct experience of the diversity of ecosystems and their structure and function; adaptations of organisms to specific ecosystems; recognition of dominant and indicator species; human impact on ecosystem function and species diversity; and the methods used to measure these parameters. Lectures emphasize the unique attributes of different ecosystems and the techniques of data gathering and analysis. Analyses of societal impact and management of ecosystems are included. Lecture: Two hours. Laboratory: Six hours. Prerequisites: Two of the following: BIOL 12100, BIOL 12200, BIOL 12000, ENVS 12100. (F,O)
Attributes: BIEL, ENRE, ESTS
4 Credits

BIOL 28400 Field Ornithology (LA)

Relation between climate, habitat, and regional bird species. Lecture and laboratory in bird anatomy, territoriality, migration, and song. Fieldwork: Saturday morning trips and bird banding. Lecture: Three hours. Laboratory: Three hours. Prerequisites: BIOL 11500, BIOL 11900, BIOL 12000, BIOL 12100, or BIOL 12200. (F,E)
Attributes: BIEL, ENRE, ESTS
4 Credits

BIOL 30000 Independent Study: Biology (LA)

For teaching interns (working within the department) and for students pursuing special laboratory projects or literature research. Discussion and/or laboratory to fit the student's needs. Course level determined by the intended degree of independence and originality of the student's work and the extent of the student's background courses. Course may be repeated. Offered on demand only. Prerequisites: Permission of instructor.
Attributes: UND
1-3 Credits

BIOL 30200 Research in Biology (LA)

Research for biology majors. It is recommended that projects be performed during the junior year. Research areas must be selected by midterm of the semester prior to enrollment. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200; BIOL 20700 (may be taken concurrently); permission of instructor. (F,S,Y)
Attributes: NS
3 Credits

BIOL 30400 Selected Topics: Biology (LA)

Advanced course with a specialized focus chosen by faculty members or resulting from student requests. May be repeated for credit when topics vary. Prerequisites: One 200-level BIOL course; Permission of instructor. (IRR)
Attributes: BIEL
2-4 Credits

BIOL 30500 Invasive Species (LA)

Examines the ecology and evolution of invasive species through discussion of current literature and field cases. Considers community vulnerability to invasion, characteristics of invaders, and the process, impact, and potential management responses for biological invasion. Prerequisites: BIOL 27100. (IRR)
Attributes: BIEL
4 Credits

BIOL 30800 Animal Behavior (LA)

Explores the proximate causes and ultimate evolutionary explanations for the behavior of animals. Introduces the study of behavioral ecology by examining basic ecological problems and evaluating the behavioral solutions animals use to solve them. Lecture topics include the development of behavior, control of behavior, communication, adaptive response to predators, adaptive feeding behavior, male and female reproductive tactics, the evolution of mating systems, adaptive tactics of parents, and social behavior. Emphasis in the laboratory is placed on observation and an experimental approach to animal behavior. Lecture: Three hours. Laboratory: Three hours. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200; one other course in biology at 200-level or above (excluding BIOL 20500). (F,E)
Attributes: BIEL, ENRE
4 Credits

BIOL 31500 Neurobiology (LA)

Study of the biology of the nervous system with an emphasis placed on the molecular and cellular mechanisms underlying nerve function. Also considers the function of the nervous system on an organismic level and the underlying causes of nervous system disease. Topics include ion channel function; neurotransmitters in the nervous system; sensory systems; motor systems and response to injury; and learning and memory. Lecture and discussion, with an emphasis placed on reading and analyzing the scientific literature. Prerequisites: BIOL 11900 or BIOL 12100; PSYC 31100 or one additional biology course at 200-level or above (excluding BIOL 20500). (S,Y)
Attributes: BIEL
4 Credits

BIOL 32400 Wonderful Life: Genes, Evolution, and Biodiversity (LA)

An overview of evolutionary biology that includes the study of both microevolutionary and macroevolutionary change, as well as the mechanisms of such change, using examples from many types of organisms. Topics include the studies of Charles Darwin, the modern synthesis, natural selection, population and quantitative genetics, analysis of adaptation, and mechanisms of speciation. Lectures are supplemented with outside readings and videos. Prerequisites: BIOL 22700 or BIOL 27100. (F,E)
Attributes: AN2, BIEL
3 Credits

BIOL 33000 Genomics, Bioinformatics, and Computational Biology (LA)

This course focuses on the genome, how it is used to build functional organisms, and how it can be compared within and between species to gain insight on biological processes and patterns of evolution. Emphasis will be on computational tools required by biologists for extracting and interpreting the vast amounts of data generated by emerging technologies. Prerequisites: BIOL 22700. (F,IRR)
Attributes: BIEL
4 Credits

BIOL 34500 Developmental Biology (LA)

Biology of embryonic development. The course covers the major unifying features of vertebrate and invertebrate development and focuses on the molecules that control these processes. Topics include regulation of gene expression, cell fate determination, fertilization, embryonic pattern formation, cell signaling, stem cells, and the relationships between development and disease. Lecture/lab: Four hours. Prerequisites: BIOL 22700. (F,O)
Attributes: BIEL, ENRE
4 Credits

BIOL 35200 Microbiology (LA)

Examines the structure, physiology, and genetics of microorganisms. Emphasis placed on understanding microbial growth, ecology, use of microorganisms in research and commerce, how microorganisms impact food and water quality, and the immune response to pathogens. Lecture: Three hours. Laboratory: Three hours. Prerequisites: BIOL 22700. (S,O) Attributes: BIEL, ENRE
4 Credits

BIOL 35400 Cell Biology (LA)

Study of the relationship and unity of structure and function in living cells and cell populations. Emphasis is placed on cell organelles, cell membrane systems, and the functions of cells in cell recognition, cell signaling, regeneration, and malignancy. Prerequisites: BIOL 22700 and CHEM 22100. (F,Y) Attributes: BIEL, ENRE
4 Credits

BIOL 37300 Plant Physiology (LA)

Intensive study of the basic physiological and biochemical processes of plants. Emphasis is placed in interaction between cellular structure and function, as well as coordination of the various physiological processes throughout the organism. Lecture: Three hours. Laboratory: Three hours. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200; CHEM 12100 or CHEM 12300; CHEM 22100. (IRR) Attributes: BIEL, ENRE
4 Credits

BIOL 37900 Aquatic Ecology (LA)

Explores the biological, chemical, and physical features of lakes and other inland aquatic habitats. Focuses on interactions among organisms, interactions between organisms and their environment, and on the physiological adaptations of species to the aquatic environment. Lecture/discussion: Three hours. Laboratory: Three hours. Prerequisites: BIOL 12200; CHEM 12100 or CHEM 12300; junior standing. (IRR) Attributes: BIEL, ENRE
4 Credits

BIOL 40000 Research in Biology (LA)

For students desiring further research work beyond level 3. This course may be taken twice for credit. Prerequisites: Permission of instructor. (F-S,Y) Attributes: UND
1-3 Credits

BIOL 40100 Biology Honors Program (LA)

Research and thesis for biology majors pursuing the honors program. It is recommended that the research program begin before the start of the fall of the senior year and continue to the end of the senior year. Prerequisites: Acceptance into the honors program. (F-S,Y) Attributes: NS
2-3 Credits

BIOL 40200 Biology: Honors Program (LA)

Research and thesis for biology majors pursuing the honors program. It is recommended that the research program begin before the start of the fall of the senior year and continue to the end of the senior year. Prerequisites: Acceptance into the honors program. (F-S,Y) Attributes: NS
2-3 Credits

BIOL 40400 Selected Topics: Biology (LA)

Advanced research methods course with a specialized focus chosen by faculty members or resulting from student requests. May be repeated for credit when topics vary. Prerequisites: BIOL 30200 or BIOC 39000 or BIOC 41000; Permission of instructor. (IRR) Attributes: BIEL
2-4 Credits

BIOL 40500 Parasites and Vectors of Disease (LA)

General survey of parasitism throughout the animal kingdom, with special attention to parasites important to human and veterinary medicine. Topics include: systematics, morphology, and life cycles of parasites; coevolution of hosts and their parasites; the use of parasites and parasitoids as biological control agents of pest species; and the influence of parasites on population biology and community structure of host species. Lecture: Three hours. Laboratory: Three hours. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200; one other course in biology at level 2 or above; BIOL 20700 (may be taken concurrently) or BIOC 35300 (may be taken concurrently). (F,E) Attributes: BIEL
4 Credits

BIOL 41100 Biology Seminar (LA)

Seminars, discussion, and readings in the biological sciences. Required of all biology majors. Prerequisites: BIOL 20700 (may be taken concurrently) and junior standing. Pass/fail only. (F-S, Y) 0.5 Credit

BIOL 41200 Biology: Seminar (LA)

Seminars, discussion, and readings in the biological sciences. Required of all biology majors. Prerequisites: BIOL 41100 and junior standing. Pass/fail only. (F-S,Y) 0.5 Credit

BIOL 41400 Capstone in Biology (NLA)

Students will explore connections between the integrative core curriculum, their biology major, other learning experiences while at Ithaca College or abroad, and future goals. Students will create a written reflection that integrates their various learning experiences and how their experience at Ithaca College has prepared them to achieve their future goals. Students will also prepare a cover letter, curriculum vitae, and personal statement; identify career opportunities, and develop a showcase electronic portfolio. (F,Y) Attributes: CP
1 Credit

BIOL 44000 Inquiry and the Nature of Science for the Science Teacher (LA)

Considers issues pertaining to the nature and practice of science, especially as they relate to science education. Explores aspects that distinguish scientific inquiry from other forms of inquiry. Examines safety issues of teaching science in a classroom, and teaching science in the context of the community. Cross-listed with CHEM 44000 and PHYS 44000. Students can receive credit for only one of: BIOL 44000, PHYS 44000, CHEM 44000. Prerequisites: EDUC 34000 and junior standing. (IRR) Attributes: NS
3 Credits

BIOL 46100 Ecophysiology (LA)

Examines the function and performance of animals and plants in their environment. This course integrates information from molecular biology through organismal physiology to understand the mechanisms that allow organisms to survive in their physical, chemical, and biological environments. This information is analyzed to understand how these small-scale processes affect higher levels of organization, from biotic communities up to global-level issues. Topics include adaptations to extremes in temperature, energy availability, moisture, and nutrients. Examples will be taken from organisms living in a wide variety of environments, including deserts, the Arctic, temperate forests, marine environments, and rain forests. Lecture and discussion, with an emphasis on reading and analyzing the scientific literature. Prerequisites: BIOL 27100; BIOL 21400 or BIOL 37300. (S,E)

Attributes: BIEL

4 Credits

BIOL 47600 Endocrinology (LA)

Introduces the mechanisms by which hormones control their targets and provides background on the major vertebrate hormones. The course then covers current research in endocrinology, analyzing topics such as weight control, growth, gender differentiation, reproduction, the stress response, and environmental endocrine disruptors. Lecture and discussion, with an emphasis placed on reading and analyzing the scientific literature. Prerequisites: BIOL 21400; BIOC 35300 or BIOL 20700, (may be taken concurrently). (S,O)

Attributes: BIEL

4 Credits

BIOL 47800 Evolution (LA)

An overview of the field of evolutionary biology that includes the study of both microevolutionary and macroevolutionary change and the mechanisms of change. Specific topics of focus will include the nature of natural selection, population genetics, molecular evolution, adaptation, mechanisms of speciation, phylogenetic analysis, sexual selection, and the evolution of social behavior. Lecture: Three hours. Discussion: One hour. Prerequisites: BIOL 22700; Junior standing. (IRR)

Attributes: AN2, BIEL

4 Credits

BIOL 49250 Seminar in Neuroscience (LA)

Intensive investigation of selected topics in neuroscience intended primarily for neuroscience minors. Cross-listed with PSYC 49250. Students cannot receive credit for BIOL 49250 and PSYC 49250. Prerequisites: Senior standing; permission of instructor. (S,Y)

Attributes: BIEL

3 Credits

Biology Major – B.A.

Summary

Code	Title	Credits
	Biology B.A. Major Requirements	56-60
	Integrative Core Curriculum Requirements ¹	29-41
	Electives	20-35
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
BIOLOGY		
BIOL 12100	Principles of Biology, Cell and Molecular	4
BIOL 12200	Principles of Biology, Ecology and Evolution	4
BIOL 22700	Genetics	4
BIOL 27100	General Ecology	4
BIOL 20700	Communicating Biology	3
BIOL 30200	Research in Biology	3
BIOL 41100	Biology Seminar	0.5
BIOL 41200	Biology: Seminar	0.5
Evolutionary Perspective		
Select one of the following courses:		3-4
BIOL 22300	Biology of Oceanic Islands	
BIOL 22800	The Evolution of Adaptations	
BIOL 32400	Wonderful Life: Genes, Evolution, and Biodiversity	
BIOL 47800	Evolution	
Cellular/Molecular Perspective		
Select one of the following courses:		4
BIOL 31500	Neurobiology	
BIOL 34500	Developmental Biology	
BIOL 35200	Microbiology	
BIOL 35400	Cell Biology	
BIOL 37300	Plant Physiology	
Biology Electives		
Four courses with Biology Elective attribute "BIEL" that meet the following criteria:		13-16
-At least one elective must be 4-credit		
-At least one elective must be at level 3 or above.		
-Courses may only count once in the major; if a BIEL course is used to fulfill any other major requirement, it cannot also be used as an Elective.		
COURSES OUTSIDE THE DEPARTMENT		
CHEM 12100	Principles of Chemistry	4
& CHEM 12200	and Principles of Chemistry Laboratory	
or CHEM 12300 Principles of Chemistry - Enriched Section		
CHEM 12400	Experimental Chemistry I	2
CHEM 22100	Organic Chemistry I	3
MATH 14500	Statistics for the Health, Life, and Social Sciences	4
Total Credits		56-60

Biology Major – B.A. with Teaching Option

No additional students are being admitted to this program as of Fall 2021.

This program prepares students for initial New York State certification to teach at the secondary school (7-12) level.

Summary

Code	Title	Credits
Biology with Teaching Option B.A. Content Area Requirements		62-64
Core Education Requirements		41-47
Integrative Core Curriculum Requirements ¹		17-29
Electives		0
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
BIOLOGY		
BIOL 12100	Principles of Biology, Cell and Molecular	4
BIOL 12200	Principles of Biology, Ecology and Evolution	4
BIOL 20700	Communicating Biology	3
BIOL 22700	Genetics	4
BIOL 27100	General Ecology	4
BIOL 30200	Research in Biology	3
BIOL 35400	Cell Biology	4
BIOL 41100	Biology Seminar	0.5
BIOL 41200	Biology: Seminar	0.5
Evolutionary Perspective: Select one of the following courses:		3-4
BIOL 22300	Biology of Oceanic Islands	
BIOL 22800	The Evolution of Adaptations	
BIOL 32400	Wonderful Life: Genes, Evolution, and Biodiversity	
BIOL 47800	Evolution	
One course with Biology Elective attribute "BIEL" ¹		3-4
BIOL 44000	Inquiry and the Nature of Science for the Science Teacher	3
CHEMISTRY		
CHEM 12100 & CHEM 12200	Principles of Chemistry and Principles of Chemistry Laboratory	4
or CHEM 12300 Principles of Chemistry - Enriched Section		
CHEM 12400	Experimental Chemistry I	2
CHEM 22100	Organic Chemistry I	3
LABORATORY SEQUENCE IN PHYSICS		
Select one sequence from the following:		8
PHYS 10100 & PHYS 10200	Introduction to Physics I and Introduction to Physics II	
PHYS 11700 & PHYS 11800	Principles of Physics I: Mechanics and Principles of Physics II: Electricity and Magnetism	
ADDITIONAL REQUIREMENTS OUTSIDE THE DEPARTMENT		
EDUC 34100	Science, Technology, and Society	1
ENVS 23000	Earth System Science ²	4
MATH 14500	Statistics for the Health, Life, and Social Sciences	4

CORE EDUCATION REQUIREMENTS		
EDUC 10200	Reading Foundations	2
EDUC 20200	Literacy Across the Disciplines for Middle and Secondary Education	2
EDUC 20100	Technology for the Middle/Secondary School Teacher	2
EDUC 21010	Educational Psychology	3
EDUC 21800	Introduction to Pedagogy and Practice	3
EDUC 21910	Early Field Experience: Theory and Practice	3
EDUC 22900	Second Language Acquisition: Its Nature and Meaning for Educators	2
EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education	3
EDUC 40800	Professional Development Seminar	0
EDUC 41010	Pedagogy and Practice for the Science Teacher	3
EDUC 41210	Seminar in Reflective Practice	3
EDUC 49810	Professional Semester in Education	12
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
Foreign Language Proficiency		0-6
Total Credits		103-111

¹ It is recommended that the elective choice be discussed with your advisor to confirm that the course meets the current specifications toward NYSED certification. Note a course may only count once in a major, so if it is used to fulfill other major requirements it cannot be used again here.

² Although this course has a prerequisite, the Environmental Studies and Sciences department will waive the prerequisite for Biology with Teaching Option students.

Additional Education Requirements

1. All teaching-option students must successfully complete a year of college-level study in a language other than English or demonstrate equivalent proficiency.
2. All teaching-option students must successfully complete a writing course numbered WRTG 10600 or above.
3. All teaching-option students must maintain a minimum overall G.P.A. of 3.0 as well as a G.P.A. of 3.0 in their subject area coursework.
4. Students must earn a grade of B or better in all EDUC courses in the Education Core to qualify for student teaching. A grade of B- does not qualify.
5. EDUC 49810 and EDUC 41210 constitute a full course load during the student-teaching semester. No additional courses may be taken nor can teacher candidates participate in extra-curricular activities that have the potential to affect time for teaching and preparation.

6. During the semester of student teaching, the student may not play a college sport.
7. All candidates for initial certification must successfully complete all New York State Certification tests or performance assessments required by the state for the applicant's intended teaching certificate (type, grade levels, and subject areas).
8. The department chair and the coordinator of teacher education in the subject area must approve any exceptions to the above requirements.
9. The All-College Teacher Education Unit at Ithaca College requires teacher education students, regardless of program area, to be reviewed at four programmatic transition points during their course of study. Continuation in a teacher education major is contingent upon the student successfully meeting the requirements of each transition point review; therefore, admission into one of the Ithaca College Teacher Education Program majors at admission or upon transfer to the College *does not guarantee* that a student will be allowed to complete the program required for teaching certification. Further information can be found in the Unit-Wide Assessment Systems section of the main Department of Education catalog page.

Biology Major – B.S.

Summary

Code	Title	Credits
	Biology B.S. Major Requirements	60-65
	Integrative Core Curriculum Requirements ¹	29-41
	Electives	14-31
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
REQUIRED COURSES WITHIN THE DEPARTMENT		
BIOL 12100	Principles of Biology, Cell and Molecular	4
BIOL 12200	Principles of Biology, Ecology and Evolution	4
BIOL 22700	Genetics	4
BIOL 20700	Communicating Biology	3
BIOL 30200	Research in Biology	3
BIOL 41100	Biology Seminar	0.5
BIOL 41200	Biology: Seminar	0.5
Evolutionary/Ecological Perspective		
Select one of the following courses:		3-4
BIOL 22300	Biology of Oceanic Islands	
BIOL 22800	The Evolution of Adaptations	
BIOL 27100	General Ecology	
BIOL 32400	Wonderful Life: Genes, Evolution, and Biodiversity	
BIOL 47800	Evolution	
Cellular/Molecular Perspective		
Select one of the following courses:		4
BIOL 31500	Neurobiology	
BIOL 34500	Developmental Biology	

BIOL 35200	Microbiology
BIOL 35400	Cell Biology
BIOL 37300	Plant Physiology

Biology Electives

Four courses with Biology Elective Attribute "BIEL" that meet the following criteria: 14-16

-At least two electives must be 4-credit

-At least one elective must be at level 3 or above

-Courses may only count once in the major; if a BIEL course is used to fulfill any other major requirement, it cannot also be used as an Elective.

REQUIRED COURSES OUTSIDE THE DEPARTMENT

CHEM 12100	Principles of Chemistry	4
& CHEM 12200	and Principles of Chemistry Laboratory	
	or CHEM 12300 Principles of Chemistry - Enriched Section	
CHEM 12400	Experimental Chemistry I	2
CHEM 22100	Organic Chemistry I	3
MATH 14500	Statistics for the Health, Life, and Social Sciences	4

Choose two of the following four options: 7-9

CHEM 22200	Organic Chemistry II	
& CHEM 22500	and Experimental Chemistry II	
CHEM 23200	Quantitative Chemistry	
PHYS 10100	Introduction to Physics I	
	or PHYS 117 Principles of Physics I: Mechanics	
PHYS 10200	Introduction to Physics II	
	or PHYS 118 Principles of Physics II: Electricity and Magnetism	

Total Credits 60-65

Biology Minor

The biology minor program provides an option for nonmajors who wish to take a substantial number of biology courses and receive recognition for their studies.

Requirements

Code	Title	Credits
INTRODUCTORY BIOLOGY SEQUENCE		
Select one of the following:		8
BIOL 11900	Fundamentals of Biology: Cells and Bodies	
& BIOL 12000	and Fundamentals of Biology: Ecology and Evolution	
BIOL 12100	Principles of Biology, Cell and Molecular	
& BIOL 12200	and Principles of Biology, Ecology and Evolution	

BIOLOGY ELECTIVES

Four courses with Biology Elective Attribute "BIEL" that meet the following criteria: ¹ 14-16

-At least two electives must be 4-credit

Total Credits 22-24

¹ Note BIOL 22700 is a prerequisite for several other electives, and requires CHEM 12100 or CHEM 12300.

Center for the Study of Culture, Race and Ethnicity

Paula Ioanide, Associate Professor and Interim Director

The Center for the Study of Culture, Race, and Ethnicity (CSCRE) was founded in 1999 with the mission to develop a curriculum focused on the experiences of Black, Latino/a/x, Asian and Asian American, and Native American and Indigenous peoples, who are often minoritized, underrepresented, or misrepresented in the U.S. as well as in the normative curriculum. While the Center's courses take the U.S. as the primary site for engaging race, many of these courses also problematize borders and binaries (inside/outside, self/other, black/white, local/global) as a way to explore the interconnections between the global majority and white society as well as between the U.S. and the diaspora.

The CSCRE is home to the Race, Power, and Resistance major and four interdisciplinary minors (African Diaspora Studies, Asian American Studies, Latino/a/x Studies, and Native American and Indigenous Studies). The Center also fosters dialogues on issues pertaining to race through extra-curricular programming, notably its year-long Discussion Series, which brings speakers, artists, organizers, and performers to Ithaca over the fall and spring semesters.

Race, Power, and Resistance Major

The goal of the Race, Power, and Resistance Major is to provide students with an option to study concepts, methodologies, and histories related to race, power, and resistance from an interdisciplinary and intersectional perspective. This major has an unapologetic focus on race and power inequalities in the U.S. and the diaspora. It is enhanced by a rich array of interdisciplinary course offerings that is unified by a coherent conceptual core. The Race, Power, and Resistance major has an integrated experiential learning component and a flexible design that allows students to explore different departments, disciplines, and schools.

Objectives:

1. Attain a working knowledge of key concepts, debates, and methodologies within the field of race and ethnic studies.
2. Demonstrate knowledge of major historical developments of Black, Indigenous, Latinx, and Asian communities in the U.S. and in their respective diasporas.
3. Understand how structural racism operates both historically and in the contemporary moment in relation to Black, Indigenous, Latinx, and Asian communities in the U.S. and in the respective diasporas.
4. Articulate how race, ethnicity, and indigeneity intersect with other factors such as gender, gender expression, class, sexuality, religion, and nationhood.
5. Express how racial and ethnic minoritized individuals and communities have organized to resist, survive, and thrive.

CSCRE Minors

Like the Race, Power, and Resistance major, the four minors cover a broad range of issues, from the historically constructed and contested nature of individual identities, to issues of cultural and historical representation, social justice, resistance, creative endeavors and struggles for racial redress. The overall objective of each minor, in addition to its focus on the collective and heterogeneous experiences of members of these

communities, is to encourage, allow, and facilitate a study of the self in relation to the other.

- Race, Power, and Resistance B.A. (p. 427)
- African Diaspora Studies Minor (p. 428)
- Asian American Studies Minor (p. 428)
- Latino/a/x Studies Minor (p. 428)
- Native American Indigenous Studies Minor (p. 428)

CSCR 10600 Introduction to African Diaspora Studies (LA)

Introductory survey of the major topics and methodologies involved in studying the roots and routes of the African diaspora. Investigation of the physical and cultural movements between Africa and the Americas. Topics include the prominence of Africa in global history; the movement of African people (both voluntary and forced migrations); the enslavement of African peoples in the Americas; cultural aesthetics and identities; colonialism; and resistance. Employs an interdisciplinary approach drawing from disciplines in history, politics, cultural studies, social policy, and sociology. (F,S,Y)

Attributes: 1, AN3, CNSL, DV, G, SS

3 Credits

CSCR 10700 Introduction to Latino/a/x Studies (LA)

This interdisciplinary course explores the varied experiences of Latino/a/x people in the United States, past and present. Drawing from the disciplines of history, anthropology, literature, women's studies, and ethnic studies, it examines the historical roots of Latino/a/x, Chicano/a, Puerto Rican, Cuban-American, Central, and South American peoples. In particular, it will focus on notions of family, gender, class, race, political economy, language, and sexual identity in relation to public policy and Latino/as' struggles for place and power. Its approach is historical and comparative and it emphasizes the multiplicity of Latino/a/x experiences as well as the strategic deployment of the term Latino/a/x. (F,S,Y)

Attributes: AN3, CNSL, DV, H, HU, LAEL, LAGC

3 Credits

CSCR 10900 Introduction to Native American Indigenous Studies (LA)

Offers an interdisciplinary survey and introduction to the field of Native American Indigenous Studies. Focuses on how past and present Native American experiences both in the United States and with its colonial precursors have shaped this pan-ethnic group's identity, cultures, political power, and ways of life. Examines approaches to Native American Indigenous Studies and the way Native Americans have navigated their relationship to others historically and today. (F,S,Y)

Attributes: AN3, CNSL, DV, SO, SS, TIDE, TPJ

3 Credits

CSCR 11000 Introduction to Asian American Studies (LA)

Offers a critical introduction to Asian American Studies. Focuses on Asian migrations to the U.S., especially in response to labor demands in the 18th - 21st centuries. Examines the ways these migrations and subsequent generations of Asian Americans have shaped the economy, racial hierarchies/power, notions of citizenship and cultural belonging, and movements for freedom and autonomy. Discusses the structure and systems of race in the United States as they apply to Asians within a broader context. (F,S,Y)

Attributes: AN3, CNSL, DV, HM, SO, SS, TIDE, TPJ

3 Credits

CSCR 12000 U.S. Civil Rights Seminar (LA)

The primary goal of the course is to introduce students to the history, philosophies, and practices of the civil rights movement in the United States, with a particular focus on the work and writings of Martin Luther King Jr. By utilizing readings, class discussions, and a visit to significant historical landmarks of the movement, students will develop an understanding of the differing approaches to social change and their strategic use within different parts of the modern day civil rights era. In addition, students will build an academic foundation for the required civil rights tour to be held during fall break. The seminar is open to Martin Luther King Jr. Scholar Program participants only. For more information scholars should review the program requirements. Prerequisites: None. 1 Credit. (F, Y)

Attributes: SS

1 Credit

CSCR 12300 Introduction to Culture, Race & Ethnicity Concepts (LA)

Introduces students to key concepts in culture, race, and ethnicity studies. Drawing from cultural studies, comparative ethnic studies, and gender and sexuality studies, it investigates how racial and ethnic identity politics shape institutional and social policies, cultural expressions and aesthetics, and resistance movements. Particular attention will be paid to the ways communities of color have negotiated oppression, generated knowledge, and secured dignity and self-determination. (F,S,Y)

Attributes: AN3, CNSL, DV, H, LMSP, LSCO, SO, SS, TIDE, TPJ

3 Credits

CSCR 14500 Politics of Identity: Race, Ethnicity, Culture (LA)

Explores the impact of race on both individual identities and on the life opportunities afforded to different racial groups in the United States. Focuses on understanding how identity and race are socially and politically constructed in order to devise an anti-racist politics that cuts across racial and cultural differences. Cross-listed with POLT 14500. Counts as a political theory course for politics majors. (F,Y)

Attributes: HM, SO, SS, TIDE, TPJ

3 Credits

CSCR 21100 American Gangster: Social Portrayals of Gangs (LA)

Analyzes the social portrayals of American gangsters in films, with an emphasis on deconstructing portrayals of race, class, ethnicity, gender, and sexuality. Examines the social, political, and economic factors involved in the emergence of criminal organizations (mafias, prison gangs, street gangs, and violent motorcycle clubs) in the United States. Investigates an array of multi-ethnic and multi-racial gangsters, with a significant focus on Latinos in the U.S. (Y)

Attributes: ADCH, ADSE, HU, LMEL, LSCH, LSCO, LXME, MAP, SCE

3 Credits

CSCR 21500 Asian Americans Speak Out: Resisting Mainstream History (LA)

Introduces students to oral history methodologies and theories within the trajectory of Asian American studies. Critically interrogates what constitutes history and the knowledge that is produced through it. Examines how and why this stake in oral history methodology emerges as a strategy for survival, the incorporation of once neglected accounts into academic narratives, and the challenge posed by this institutionalization to contemporary scholars in Asian American studies. (Y)

Attributes: AAPP, AASE, AN3, DV, SO, TIDE, TPJ

3 Credits

CSCR 22000 Case Studies in Global Justice (LA)

This seminar will introduce students in the Martin Luther King Jr. Scholar Program to the study of social justice in an international and comparative context. In general the seminar is designed to engage scholars in analysis, discussion, writing, and action that will contribute to the development of global citizens who have the skills, perspectives, and motivation to work effectively for social justice. Each seminar will examine a particular case study while utilizing the work of Martin Luther King Jr. The seminar also provides the academic framework that explores the nexus between race, migration, and social justice. Through both individual and group work students will work to draw conclusions and life lessons from their international research and experiences. This seminar may be taken for 0 or 1 credit and is open to Martin Luther King Jr. Scholar Program participants only. For more information scholars should review the program requirements. Prerequisites: CSCR 12000 or CSCR 12100. (F, Y)

Attributes: SS

0-1 Credits

CSCR 23400 Black Cinema: Exploring the Black Image in Film (LA)

Explores the image of Black people in film in a social and historical context. Examines the role of the Black director and Black cinema conventions. Introduces students to visual and textual reading methods used in Black studies and ethnic studies. Topics include, but are not limited to, spectatorship, music videos, Caribbean and Black British cinema, afrofuturism, the Black romantic narrative, racial conflict, and blaxploitation. (Y)

3 Credits

CSCR 23700 Policing the Borderlands: Power, Policy, and Justice (LA)

Examines the history of the US-Mexico Borderlands, with a special focus on power, policy, and justice. Investigates how state policy from the colonial period to the present has shaped people's sense of community and national identification, and how peoples of multiple cultures and shifting national affiliations have historically negotiated power, policy, and justice in this region. Considers how power and justice are manifested in state policy and contested through acts of resistance and violence. Topics explored include policies associated to citizenship, statehood, immigration, sovereignty, education, crime, and enforcement. Prerequisites: Sophomore Standing. (Y)

Attributes: DV, LAEL, LAGC, LMEL, LSCO, LSPP, LXME, NAPP, NASE

3 Credits

CSCR 24200 Miscegenation and Racial Binaries (LA)

Introduction to the history, policies, laws, language, and cultural mores around interracial marriage and biracialness beyond racial binaries. Prerequisites: Sophomore standing. (IRR)

Attributes: ADPP, ADSE, NAPP, NASE, SS

3 Credits

CSCR 25000 Hip-Hop Cultures (LA)

Examines the historical, political, racial, economic, and social importance of hip-hop as a cultural movement. Particular attention is given to hip-hop's main tenets (writ'ing, b-boy'ing, dj'ing, and mc'ing); the political economy of racialized representations; and the legacy and agency of cultural expressions. (Y)

Attributes: 1, ADCH, ADSE, DV, H, SCE, SS, WGS

3 Credits

CSCR 25600 The Politics of Whiteness (LA)

Examines the emergence of whiteness as a category that determines the distribution of rights and privileges including voting rights, property rights, and the right to own one's own body. Explores the politics of whiteness in relation to culture, ideology, sexuality, social movements, and cross-racial alliances. Prerequisites: Sophomore standing. (F,Y)
 Attributes: AAPL, AASE, ADCH, ADSE, AN3, DV, LSPL, LXME, SO, TIDE, TPJ
 3 Credits

CSCR 26100 Watching Race in American Media (LA)

Explores how representations of racial and ethnic identities in U.S. film, television, and music influence the construction of political, racial, and gender identities nationally. Investigates how cultural representations of race, ethnicity, and gender are central to the development of U.S. mass culture and consumerism, nationalism, citizenship, and social movements. Particular attention is given to the role of black and Latino/a culture and music in developing strategies of resistance to oppression. (Y)
 Attributes: AACH, AASE, ADCH, ADSE, DV, HM, LSCH, LXME, MAP, NACH, NASE, SCE, TIDE, TPJ
 3 Credits

CSCR 30500 Practicum in Social Change: Urban Mentorship Initiative (NLA)

An academic mentorship program that offers students the opportunity to participate in interdisciplinary coursework and field-based service-learning aimed at supporting underserved youth in their pursuit of higher education. Course includes required participation in a two-day trip (Friday to Saturday) to a partner school. This is a cross-listed course; students cannot receive credit for both SOCI 30500 and CSCR 30500. (F,Y)
 Attributes: AAPP, AASE
 3 Credits

CSCR 30700 Race and Colonialism (LA)

This course engages colonialism as a set of racial and material practices that shaped the identities of the colonizers and the colonized as much as it did the global political economy. Three themes in particular will guide our engagement: the racial overtones and undertones of the colonial encounter, especially as embodied in the ideas of discovery, barbarism, and progress; the psychological dynamics of the relationship between the colonizers and the colonized; and the politics of oppression and liberation. Cross-listed with POLT 32300. Prerequisites: Junior standing. (Y)
 Attributes: AACI, AASE, ADCI, ADSE, LSCI, LXME, NACI, NASE, SS
 3 Credits

CSCR 32400 Critical Race Theories (LA)

Explores the realities and consequences of using race as a category of analysis and identity in the United States and/or in the diasporas of Black, Latino/a/x, Asian and indigenous peoples. Includes the study of settler colonialism, systemic racism, intersectionality, history of racial formations, racial/ethnic identities and hierarchies, and whiteness. Examines the foundations and assumptions of various critical race theories significant to the fields of indigenous studies and/or race and ethnicity studies. Prerequisites: One CSCR course. (Y)
 Attributes: AAPP, AASE, ADPP, ADSE, LSPP, LXME, NAPP, NASE
 3 Credits

CSCR 35000-35012 Selected Topics in Culture, Race and Ethnicity (LA)

Selected topics in culture, race, and ethnicity will be considered with a narrow focus and considerable depth. This course may be repeated for credit for different selected topics. Prerequisites: Junior standing. (IRR).
 Attributes: SS
 3 Credits

CSCR 35100 Race and Sexual Politics (LA)

Explores how dominant representations of racialized sexuality, femininity, and masculinity in U.S. culture and politics influence systems of inequality. Particular attention is paid to the relationship between constructions of race and sexual politics, social policy shifts in welfare reform, the prison industrial complex, and intimate justice. Focus on antiracist feminist resistance and reproductive justice. Prerequisites: Junior standing. (Y)
 Attributes: AAPL, AASE, ADPL, ADSE, DV, LSPL, LXME, NAPL, NASE, SS, WGS, WGS3
 3 Credits

CSCR 35200 Punishment, Prisons, and Democracy (LA)

This course explores dominant definitions of crime, punishment, and democratic justice in the United States and their relationship to imprisonment. The course begins by examining the historical and ideological roots of the U.S. prison system from slavery to the convict lease system. Focusing on the post-civil rights era, we consider how deindustrialization, the war on drugs, and shifts in policing, welfare policy, sentencing laws, and global militarism have redefined notions of U.S. justice and democracy. The course is attentive to the ways the prison industrial complex disproportionately affects people of color. Prerequisites: Junior standing. (Y)
 Attributes: AAPP, AASE, ADPP, ADSE, DV, LSPP, LXME, NASE, SS, WGS, WGS3
 3 Credits

CSCR 37400 Latino/a/x Resistance Movements (LA)

Focuses on the historical relationships between Latino/a/x people and other racial/ethnic groups in the US and Latin America with special emphasis on social movements and grassroots efforts for social justice from post-WWII to the present. Central theoretical questions revolve around why resistance movements rise and fall, and how the politics of Latino/a/x resistance within the United States have historically evolved. Examines collective Latino/a/x agency and community attempts to shape their own political and social destiny by teaching students archival research methods. Students review archival materials from Latino/a/x organizations to ask what constitutes history-making. Interrogates how grassroots movements use alternative historical archives and cultural objects to create counter-narratives of resistance. Prerequisites: One CSCR course or one course designated for the Latin American Studies minor (LAEL attribute). (S,Y)
 Attributes: LAEL, LSPL, LXME
 3 Credits

CSCR 38000 Research in Culture, Race, and Ethnicity Studies (LA)

Engages students in research on a selected topic, theme, or community-engaged project related to issues of indigeneity, race, and/or ethnicity. Project is determined by the instructor or co-created by student participants. Students consider the ethical dimensions of research, learn methodological approaches and practice applying research methods that are commonly used in indigenous studies and/or ethnic studies. Potential research methods may include, but are not limited to, community-driven research methods; social science qualitative methods like interviewing & coding; ethnographic methods; oral history; textual analysis methods; and/or archival research methods. Prerequisites: At least one CSCR course. (IRR)
 Attributes: AAPP, AASE, ADPP, ADSE, LSPP, LXME, NAPP, NASE
 3 Credits

CSCR 43300 Education, Oppression, and Liberation (LA)

Interrogates the educational experiences of oppressed people in the African Diaspora. A historical overview of the schools, pedagogies, and curriculums developed for Black/Brown students including the political, social, economic, and cultural manifestations of "Black education." Additionally, the course examines how educational institutions have been, and can be, used for individual, group, and global liberation. Prerequisites: Three courses in the liberal arts or permission of instructor. (IRR)
Attributes: 1, ADPL, ADSE, G, SS
3 Credits

CSCR 43400 Capstone Seminar in Race, Power, and Resistance (LA)

Capstone seminar serving as the culminating experience for Race, Power, and Resistance majors. Draws on the skills and concepts developed through previous coursework in the major and the ICC curriculum to synthesize various theories, knowledges, and methods in indigenous, race and ethnic studies. Features intensive examination of comparative and relational race and ethnic studies, particularly how different racially/ethnically oppressed groups are positioned relative to each another and within racial hierarchies. Students integrate studies in the major and their ICC coursework through a research project focused on the comparative and relational dimensions of racial/ethnic oppression and resistance. Prerequisites: CSCR 32400; CSCR 21500, CSCR 23400, CSCR 37400, or CSCR 38000. (IRR)
Attributes: AACI, AASE, ADCI, ADSE, LSCI, LXME, NACI, NASE
3 Credits

CSCR 43500 Black Radical Traditions (LA)

Examines Black radical philosophies ranging from slavery to the present. Traces shifts and continuities in how Black philosophers have contended with barriers to freedom and emancipation, with a focus on political figures like Harriet Jacobs, Ida B. Wells, W.E.B. DuBois, C.L.R. James, Martin Luther King Jr., Malcolm X, Frantz Fanon, James Baldwin, Angela Y. Davis and Audre Lorde. Explores these writers' engagement with abolition, existentialism, desegregation, decolonization, and the intersectionalities of race, gender and sexuality, while situating the Black radical tradition within the broader history of U.S. thought, culture and politics. (S,IRR)
Attributes: ADCI, ADSE, DV, HU, WGS, WGS3, WGSJ
3 Credits

CSCR 45000 Selected Topics in Culture, Race and Ethnicity (LA)

Selected topics in culture, race, and ethnicity will be considered with a narrow focus, in-depth analysis, and advanced research and writing. This course may be repeated for credit for different selected topics. Prerequisites: CSCR 12300, one 200-level CSCR course, and one 300-level CSCR course. (IRR)
Attributes: SS
3 Credits

CSCR 47800 Las Americas: Globalizing Latino/a Studies (LA)

Historicizes economic, political, and cultural processes in the Americas during the 20th century by focusing on U.S. Latinos/as in relation to globalization. Emphasis on transnational social movements, migration and borders; state formation and international organizations; human rights; labor organizing; counterinsurgency; and regional, non-U.S. centered, inter-American relationships. This is a capstone course designed as a discussion/reading/research-intensive seminar. Prerequisites: One course in CSCR at 300 level or higher. (S,Y)
Attributes: HU, LSCI, LXME
3 Credits

CSCR 49800 Internship: Culture, Race, and Ethnicity (NLA)

The internship provides a structured intensive learning experience in an organization dedicated to research, planning, policymaking, or service provision in an area related to culture, race, and ethnicity. Supervision is provided by an on-site professional preceptor. Students are required to submit periodic written field reports, as well as a final internship experience report. Prerequisites: Junior standing or above and permission of instructor. 1 to (F-S, Y)\.
1-6 Credits

CSCR 49900 Independent Study: Culture, Race, and Ethnicity (LA)

Intensive study of the theoretical and empirical relationships between culture, race, and ethnicity. These projects will be conducted under the supervision of a faculty advisor, and will require a comprehensive research paper and/or project. A proposal for the topic and specific plans must be approved by the dean's office of the Division of Interdisciplinary and International Studies. Prerequisites: Junior standing or above, and permission of instructor. (F-S,Y)
1-4 Credits

Race, Power, and Resistance - B.A.

Students majoring in Race, Power, and Resistance may also enroll in one of the four 18-credit CSCRE minors. Two courses may be used in both the major and the minor: CSCR 12300 and the applicable Area Studies course required for the minor (CSCR 10600, CSCR 10700, CSCR 10900, or CSCR 11000). The remaining 12 elective credits required to complete the minor may not overlap with courses for the major.

The CSCRE minors are:

- African Diaspora Studies
- Asian American Studies
- Latino/a/x Studies
- Native American and Indigenous Studies.

Summary

Code	Title	Credits
	Race, Power, and Resistance B.A. Major Requirements	36
	Integrative Core Curriculum Requirements ¹	28-40
	Electives	23-56
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
CORE REQUIREMENTS		
CSCR 12300	Introduction to Culture, Race & Ethnicity Concepts	3
CSCR 32400	Critical Race Theories	3
CSCR 43400	Capstone Seminar in Race, Power, and Resistance	3
AREA STUDIES		
Select two from the following:		6
CSCR 10600	Introduction to African Diaspora Studies	
CSCR 10700	Introduction to Latino/a/x Studies	

CSCR 10900	Introduction to Native American Indigenous Studies	
CSCR 11000	Introduction to Asian American Studies	
METHODS		
Select one from the following:		3
CSCR 21500	Asian Americans Speak Out: Resisting Mainstream History	
CSCR 23400	Black Cinema: Exploring the Black Image in Film	
CSCR 37400	Latino/a/x Resistance Movements	
CSCR 38000	Research in Culture, Race, and Ethnicity Studies	
RACE, POWER, AND RESISTANCE ELECTIVES		
Select 18 additional credits with the CSCR prefix, or with the RPRE attribute. These electives must meet the following criteria:		18
•Nine credits at the 200-level or above		
•Nine credits at the 300- or 400-level (excluding CSCR 32400 and CSCR 43400)		
•At least 9 credits must have the CSCR subject code prefix		
•Area Studies and Methods courses may count towards electives if they are not being used to satisfy those requirements.		
Total Credits		36

African Diaspora Studies

Students who are majoring in Race, Power, and Resistance B.A. can count CSCR 10600 and CSCR 12300 for both the ADS minor and the RPR major. The remaining 12 elective credits required to complete the minor may not overlap with courses for the major.

Requirements

Code	Title	Credits
FOUNDATIONAL REQUIREMENTS		
CSCR 10600	Introduction to African Diaspora Studies	3
CSCR 12300	Introduction to Culture, Race & Ethnicity Concepts	3
RESTRICTED ELECTIVES		
12 credits of additional courses with the African-Diaspora Studies Elective attribute ADSE. These electives must meet the following criteria:		12
• minimum of 6 credits must have the subject code CSCR		
• 6 credits must be at the 300-level or above		
Total Credits		18

Asian American Studies

Students who are majoring in Race, Power, and Resistance B.A. can count CSCR 11000 and CSCR 12300 for both the AAS minor and the RPR major. The remaining 12 elective credits required to complete the minor may not overlap with courses for the major.

Requirements

Code	Title	Credits
FOUNDATIONAL REQUIREMENTS		
CSCR 11000	Introduction to Asian American Studies	3
CSCR 12300	Introduction to Culture, Race & Ethnicity Concepts	3
RESTRICTED ELECTIVES		
12 credits of additional courses with the Asian-American Studies Elective attribute AASE. These electives must meet the following criteria:		12
• minimum of 6 credits must have the subject code CSCR		
• 6 credits must be at the 300-level or above		
Total Credits		18

Latino/a/x Studies Minor

Students who are majoring in Race, Power, and Resistance can count CSCR 10700 and CSCR 12300 for both the LS minor and the RPR major. The remaining 12 elective credits required to complete the minor may not overlap with courses for the major.

Gustavo Licon, *Assistant Professor and Coordinator*

Requirements

Code	Title	Credits
FOUNDATIONAL REQUIREMENTS		
CSCR 10700	Introduction to Latino/a/x Studies	3
CSCR 12300	Introduction to Culture, Race & Ethnicity Concepts	3
RESTRICTED ELECTIVES		
12 credits of additional courses with the Latino/a Studies Elective attribute LXSE. These electives must meet the following criteria:		12
• minimum of 6 credits must have the subject code CSCR		
• 6 credits must be at the 300-level or above		
Total Credits		18

Native American Indigenous Studies Minor

Students who are majoring in Race, Power, and Resistance B.A. can count CSCR 10900 and CSCR 12300 for both the NAIS minor and the RPR major. The remaining 12 elective credits required to complete the minor may not overlap with courses for the major.

Requirements

Code	Title	Credits
FOUNDATIONAL REQUIREMENTS		
CSCR 10900	Introduction to Native American Indigenous Studies	3
CSCR 12300	Introduction to Culture, Race & Ethnicity Concepts	3
RESTRICTED ELECTIVES		

12 credits of additional courses with the Native American and Indigenous Studies Elective attribute NASE. These electives must meet the following criteria:

- minimum of 6 credits must have the subject code CSCR
- 6 credits must be at the 300-level or above

Total Credits

18

Department of Chemistry

Bachelor of Science

Mike Haaf, *Professor and Chairperson*

The chemistry curriculum, approved by the American Chemical Society, provides an exceptionally strong foundation for further training at the graduate level. The department is nationally noted for its research program, and students are regularly involved in research publications. Approximately 80 percent of chemistry majors continue in postgraduate education to pursue a Ph.D. or M.D. immediately after graduation. Chemistry majors are well-prepared for a wide range of career opportunities, including medicine, dentistry, veterinary medicine, pharmacology, environmental science, toxicology, food science, forensic science, secondary school teaching, and engineering.

Chemical Engineering and Material Science

Students with an interest in chemical engineering can prepare for a career in this field by obtaining a bachelor of science degree at Ithaca College and then enrolling in a master of engineering program in chemical engineering from an engineering school. Students can concentrate their degree in an area of material science such as polymers, solar cells, batteries, superconductors, and semiconductors. The department offers several advanced electives covering recent trends in these areas, and several faculty have active research programs in these areas. The department curriculum is also designed to provide outstanding classroom and laboratory experience as preparation for a career in the chemical industry directly after graduation.

Requirements for Honors in Chemistry

Eligible students may apply to earn Honors in chemistry during their senior year. The process and criteria by which students may earn departmental honors to be awarded at graduation are fully described in the departmental policy on honors in chemistry, available from the chair of the department and online on the department website.

Majors & Minors

- Chemistry Major — B.S. (p. 433)
- Chemistry Minor (p. 434)

CHEM 10100 Chemistry and Your Body (LA)

A course designed for students who have chosen to major in areas other than science. An introduction to the basic ideas of chemistry, the nature and structure of chemical compounds, and the meaning of chemical symbols. An application of these ideas and understandings to the chemistry of the body, with specific discussion of food, drugs, cosmetics, and other health-related topics. Three hours of lecture and/or discussion per week. Not open to students who have taken CHEM 12100 or CHEM 12300. (S,Y)

Attributes: 2A, NS, SC, TMBS, TWOS

3 Credits

CHEM 10200 Contemporary Chemical Issues (LA)

A description and discussion of new compounds and materials made by the chemical industry during the past 100 years that have properties superior to those of naturally occurring products. Many of these advances have significantly improved modern living; however, byproducts of some of these advances have also decreased the overall quality of life. After an introduction to the language and symbols of chemistry, topics related to contemporary problems and examples follow some compounds from research curiosities to industrial products. Three hours of lecture and/or discussion per week. Not open to students who have taken CHEM 12100 or CHEM 12300. (IRR)

Attributes: 2A, NS

3 Credits

CHEM 10500 Energy and the Environment (LA)

Description and discussion of types and sources of natural resources with a special emphasis placed on energy resources. Background is presented in terms of simple chemical principles understandable to students with majors other than the sciences. Topics of societal concern include air pollution, acid rain, global warming, ozone depletion, and upcoming energy shortages. Viable solutions to these problems are discussed. Primarily for students majoring in areas other than science or physical therapy. Three hours of class meeting per week, including discussion, lecture, and quizzes. Not open to students who have taken CHEM 12100 or CHEM 12300. (F,Y)

Attributes: ABSS, SC, TQSF

3 Credits

CHEM 10600 Preparation for Principles of Chemistry (LA)

Reviews fundamental mathematical skills and provides strategies for general chemistry problem solving, supporting students to develop scientific and proportional reasoning skills, as well as critical thinking and analytic problem-solving skills within a chemistry context in order to prepare them for success in CHEM 12100 Principles of Chemistry. Emphasis is placed on student participation and the application of chemistry concepts to solving real-world problems. Three hours of lecture/discussion per week. Prerequisites: Math placement in group 3, 2, or 1, or C- or better in MATH 10000. (F,Y)

Attributes: NS

2 Credits

CHEM 10800 Introduction to Technology (LA)

A course for non-science students, with an emphasis on the applications rather than the theories of science. This course examines those technologies, primarily nuclear technology (civilian and military) and biotechnology, that will significantly affect our lives in the years to come. Three hours of lecture and/or discussion per week. (IRR)

Attributes: 2A, NS

3 Credits

CHEM 11000 General Chemistry (LA)

General chemistry for occupational therapy majors. Topics from inorganic, organic, and biological chemistry, including the electronic structure of atoms, stoichiometry, equilibria, acids and bases, thermodynamics, kinetics, nomenclature, structure, and reactions of organic compounds and biochemicals. Required for occupational therapy majors. Prerequisites: High school chemistry. (S,Y)

Attributes: 2A, NS

3 Credits

CHEM 11200 Organic Chemistry and Biochemistry (LA)

Introduction to general theories and principles of organic chemistry and biochemistry. The naming and structure of organic compounds, reactivities of the various functional groups in both aliphatic and aromatic compounds, and an introduction to the organic chemistry of biologically important systems. Three hours of lecture per week, with a fourth hour scheduled for review session and exams. Prerequisites: CHEM 12100 and CHEM 12200. (S,Y)

Attributes: 2A, NS

3 Credits

CHEM 11400 Chemistry Laboratory (LA)

Designed to complement the CHEM 12100-11200 sequence. Deals with organic reactions. One laboratory per week. Prerequisites: CHEM 12100 and CHEM 12200 or CHEM 12300; CHEM 11200 prior or concurrent. (S, Y)

Attributes: 2A, NS

1 Credit

CHEM 11700 Environmental Chemistry (LA)

General principles of chemistry needed for the study of environmental science. Topics include mathematical methods, electronic structure of atoms, stoichiometry, equilibria, acids and bases, thermodynamics, kinetics, and nuclear chemistry. Not open to students who have taken CHEM 12100 or CHEM 12300. (F,Y)

Attributes: 2A, NS

3 Credits

CHEM 11900 Environmental Chemistry Laboratory (LA)

Hands-on experience with modern analytical instruments that are frequently encountered in environmental assessments. The course prepares students to be technologically knowledgeable and authoritative in their future careers. Prerequisite: CHEM 11700 (may be taken concurrently) Laboratory: Four hours. (F,Y)

Attributes: NS

1 Credit

CHEM 12000 Topics in Chemistry and Biochemistry (LA)

Introduction to research projects and selected topics in chemistry and biochemistry. Natural science faculty in Biology, Chemistry, and Physics will present topics of interest on a rotating basis. Primarily intended for biochemistry and chemistry majors. One meeting per week. Pass/Fail only. (F,Y)

Attributes: NS

1 Credit

CHEM 12100 Principles of Chemistry (LA)

Introduction to general theories and principles of chemistry stressing underlying correlations. Systematic study of the periodic table, with an emphasis on bonding and the quantitative relationships among the elements. Three hours of lecture per week. Intended for students who have completed high school chemistry with minimum grade of C. Students cannot receive credit for both CHEM 12100 and CHEM 12300.

Prerequisites: Math placement in group 3 or better. Co-requisite: CHEM 12200. (F-S,Y)

Attributes: 2A, NS

3 Credits

CHEM 12200 Principles of Chemistry Laboratory (LA)

Introduction to basic chemistry laboratory practice and techniques. The experiments reinforce the concepts covered in CHEM 12100.

Prerequisites: Math placement in Group 3 or above. Co-requisite: CHEM 12100. (F,S,Y)

1 Credit

CHEM 12300 Principles of Chemistry - Enriched Section (LA)

Introduction to general theories and principles of chemistry, stressing underlying correlations. Systematic study of the periodic table with an emphasis on bonding and the quantitative relationships among the elements. The course covers additional topics and examples of scientific interest not included in CHEM 12100. Three hours of lecture per week and one laboratory per week. Intended for students with a strong background in chemistry with a score of 4 or 5 on AP Chemistry, or minimum score of 50 on General Chemistry CLEP, or 4-7 on IB Chemistry. Prerequisites: Math placement in group 1 and permission of instructor. Students cannot receive credit for both CHEM 12100 and CHEM 12300. (F,Y)

Attributes: 2A, NS

4 Credits

CHEM 12400 Experimental Chemistry I (LA)

Emphasis is placed on quantitative analysis, organic synthesis, and modern instrumental techniques, such as ultraviolet, visible, and infrared spectrophotometry. One lecture and one laboratory per week. Prerequisites: CHEM 12100 and CHEM 12200, or CHEM 12300; and CHEM 22100 (may be taken concurrently). (S,Y)

Attributes: 2A, NS

2 Credits

CHEM 16000 Natural World by the Numbers (LA)

Practical application of precollege level mathematics to natural phenomena. Practice evaluating the interpretation and presentation of data. Cross-listed with BIOL 16000. Prerequisites: Passing score on math competency exam. (IRR)

Attributes: NS

3 Credits

CHEM 17100-17200 Undergraduate Instruction in Chemistry (NLA)

Qualified undergraduates are given opportunities to participate in the department's instructional program, serving as laboratory assistants and/or tutors. Prerequisites: Permission of department. Pass/fail only.

1 Credit

CHEM 18100 Selected Topics in Chemistry (LA)

Course content depends on interests of the registrants and may include informed discussions, outside reading, and either library or laboratory projects. This course may be repeated for credit for selected topics on different subjects. Prerequisites: Permission of instructor. (IRR)

Attributes: NS

1-3 Credits

CHEM 18200 Selected Topics: Chemistry (LA)

Course content depends on interests of the registrants and may include informed discussions, outside reading, and either library or laboratory projects. This course may be repeated for credit for selected topics on different subjects. Prerequisites: Permission of instructor. (IRR)

Attributes: 2A, NS

1-3 Credits

CHEM 19100-19200 Research in Chemistry (LA)

After consultation with the faculty of the Department of Chemistry, the student undertakes a research problem under the guidance of one or more faculty members. Prerequisites: Permission of department.

Attributes: NS

1-3 Credits

CHEM 20500 Chemistry and Art (LA)

Investigates, through lecture and laboratory activities, the scientific basis of such topics as paints and pigments, metalworking and sculpture, dyes and fabrics, polymeric materials, and chemical hazards in art. Introduces students to basic chemical concepts and laboratory techniques, as well as modern analytical instruments. Lectures on the material history of art establish the context for the study of these chemical and analytical concepts. Students may enroll for ARTH 20500 or CHEM 20500, but not both. Prerequisites: Sophomore standing; permission of instructor. (S,O) Attributes: 2A, 3B, CA, FA, HU, NS, SC, TIII
4 Credits

CHEM 22100 Organic Chemistry I (LA)

Introduction to the structure and reactivity of carbon compounds. Topics include bonding, isomerism, stereochemistry and the reactions of alkenes, alkynes, and alkyl halides with emphasis on reaction mechanisms. Analytical methods to study organic molecules; particularly infrared spectroscopy and nuclear magnetic resonance spectroscopy are also covered. The use of scientific and logical thought patterns is stressed in problem solving. Three hours of lecture per week. Prerequisites: CHEM 12100 and CHEM 12200. (F,S,Y) Attributes: NS
3 Credits

CHEM 22200 Organic Chemistry II (LA)

Continuation of CHEM 22100. Course covers the chemistry and reactivity of carbonyl functional groups, including aldehydes, ketones, esters, and amides. Aromaticity and select topics in biological chemistry are also covered. The use of scientific and logical thought patterns is stressed in problem solving. Three hours of lecture per week. Co-Requisite: CHEM 22400. Prerequisites: CHEM 22100 and CHEM 22300 (with a grade of C- or better). (F,S,Y) Attributes: NS
3 Credits

CHEM 22300 Organic Chemistry I Laboratory (LA)

Emphasizes basic techniques of experimental organic chemistry, including reactions, purification of mixtures, and determination of structure. Experiments reinforce concepts covered in CHEM 22100. Prerequisites: CHEM 12100 and CHEM 12200. (F,S)
1 Credit

CHEM 22400 Organic Chemistry II Laboratory (LA)

Emphasizes more advanced techniques of experimental organic chemistry, including reactions, purification of mixtures, and determination of structure. Experiments reinforce concepts covered in CHEM 22200. Co-Requisite: CHEM 22200. Prerequisites: CHEM 22100 and CHEM 22300. (F,S)
1 Credit

CHEM 22500 Experimental Chemistry II (LA)

Emphasis is placed on synthesis and qualitative analysis, using infrared and nuclear magnetic resonance spectroscopy and various chromatographic techniques. One lecture and one laboratory per week. Prerequisites: CHEM 12400 (with a grade of C- or better); CHEM 22200 (may be taken concurrently). (F,Y) Attributes: ENRE, NS
2 Credits

CHEM 23200 Quantitative Chemistry (LA)

Foundations for advanced work in chemistry, biochemistry, biology, and related subjects. Quantitative approach to chemical equilibrium, chemical kinetics, chemical thermodynamics, and electrochemistry. Prerequisites: CHEM 12100 and CHEM 12200; Math Placement in Group 2 or above. (S,Y) Attributes: ENRE, NS
3 Credits

CHEM 23300 Quantitative Chemistry Laboratory (LA)

Continued study of general and inorganic chemistry laboratory practices and techniques. The experiments reinforce the concepts covered in CHEM 23200. Prerequisites: CHEM 12100 and CHEM 12200; Math placement in Group 2 or above. (S,Y) Attributes: ENRE
1 Credit

CHEM 27100-27200 Undergraduate Instruction in Chemistry (NLA)

Qualified undergraduates are given opportunities to participate in the department's instructional program, serving as laboratory assistants and/or tutors. Prerequisites: Permission of department. Pass/fail only.
1 Credit

CHEM 28100 Selected Topics in Chemistry (LA)

Course content depends on interests of the registrants and may include informed discussions, outside reading, and either library or laboratory projects. This course may be repeated for credit for selected topics on different subjects. Prerequisites: Permission of instructor. (IRR) Attributes: NS
1-3 Credits

CHEM 28200 Selected Topics: Chemistry (LA)

Course content depends on interests of the registrants and may include informed discussions, outside reading, and either library or laboratory projects. This course may be repeated for credit for selected topics on different subjects. Prerequisites: Permission of instructor. (IRR) Attributes: NS
1-3 Credits

CHEM 29100-29200 Research in Chemistry (LA)

After consultation with the faculty of the Department of Chemistry, the student undertakes a research problem under the guidance of one or more faculty members. Prerequisites: Permission of department. Attributes: NS
1-3 Credits

CHEM 32400 Experimental Chemistry III (LA)

Part three of the unified sequence. Project-oriented experiments to deal with concepts normally found in instrumental analysis laboratory courses. Emphasis is placed on using synthetic techniques, modern analysis by instrumentation, and studies of the physical properties of chemical systems. Two lectures and one laboratory per week. Prerequisites: CHEM 22500 (with a grade of C- or better); CHEM 23200 prior or concurrent. (S,Y) Attributes: ENRE, NS
3 Credits

CHEM 32500 Experimental Chemistry IV (LA)

Part four of the unified sequence. Project-oriented experiments to deal with concepts normally found in instrumental analysis, physical, organic, and inorganic laboratory courses. Emphasis is placed on using synthetic techniques, modern analysis by instrumentation, and studies of the physical properties of chemical systems. One lecture and two laboratories per week. Prerequisites: CHEM 32400 (with a grade of C- or better); CHEM 34200 (may be taken concurrently). (S,Y)

Attributes: ENRE, NS, WI

4 Credits

CHEM 33100 Physical Chemistry: Thermodynamics and Kinetics (LA)

A theoretical interpretation of nature from the macroscopic viewpoint. Includes an introduction to thermodynamics, electrochemistry, and chemical kinetics. Prerequisites: CHEM 23200; MATH 10800 or MATH 11200; PHYS 10200 or PHYS 11800. (F,Y)

Attributes: NS

3 Credits

CHEM 33200 Physical Chemistry: Quantum Chemistry and Spectroscopy (LA)

A theoretical interpretation of nature from the microscopic viewpoint. Includes an introduction to the kinetic molecular theory of gases, quantum chemistry, and spectroscopy. Prerequisites: CHEM 23200 (may be taken concurrently); MATH 11200; PHYS 11800. (S,Y)

Attributes: NS

3 Credits

CHEM 34200 Inorganic Chemistry (LA)

This course provides chemistry, biochemistry and other interested science majors with an understanding of the field of inorganic chemistry and as a foundation for advanced work in inorganic chemistry, materials science, biochemistry, and related subjects. The major topics are atomic structure, simple bonding theory, symmetry and group theory, acid-base chemistry, the crystalline solid state, coordination chemistry and organometallic chemistry. Three hours of lecture per week. Prerequisites: CHEM 23200 and CHEM 23300; Math placement in group 2 or better. (F,Y)

Attributes: NS

3 Credits

CHEM 34300 Inorganic Chemistry Laboratory (LA)

Emphasizes basic techniques of experimental inorganic and organometallic chemistry, including synthetic methods, reaction progress monitoring and product characterization by spectroscopic methods. Experiments reinforce and expand concepts covered in CHEM 34200.

Prerequisites: CHEM 23200 and CHEM 23300; Math Placement Group of 2 or above. (F,Y)

1 Credit

CHEM 35300 Modern Instrumental Methods (LA)

This course introduces modern analytical methods used in the fields of chemistry, biology, environmental science, geology, materials science, and physics. Explores an 'analytical toolbox' of instrumentation and techniques, including chromatography, spectroscopy, and mass spectrometry. Emphasis is placed both on fundamental principles (i.e. the workings and mechanics of each technique), which is critical for validating data and troubleshooting, and hands-on experience of each method. Prerequisites: CHEM 23200 and CHEM 23300. (S,Y)

3 Credits

CHEM 35400 Polymer Chemistry (LA)

Study of the synthesis, structure, and properties of polymers, with a special emphasis on practical applications in the chemical industry. Topics include sources of chemical raw materials, plastics, fibers, drugs, surface coatings, food chemicals, dyes, and pigments. Specific examples illustrate the scientific basis for the performance of familiar, everyday materials. Prerequisites: CHEM 22200. (IRR, B)

Attributes: NS

1.5 Credits

CHEM 35600 Nuclear Magnetic Resonance (LA)

Study of nuclear magnetic resonance and its application in organic and inorganic chemistry. Topics include, instrumentation, chemical shift, spin-spin coupling, C-13 spectra, and modern pulse FT techniques.

Emphasis on spectral interpretations and practical applications. Includes experiments using multi-pulse techniques. Prerequisites: CHEM 22200.

(IRR, B)

Attributes: NS

1.5 Credits

CHEM 37100-37200 Undergraduate Instruction in Chemistry (NLA)

Qualified undergraduates are given opportunities to participate in the department's instructional program, serving as laboratory assistants and/or tutors. Prerequisites: Permission of department. Pass/fail only.

1 Credit

CHEM 38100-38116 Selected Topics in Chemistry (LA)

Course content depends on interests of the registrants and may include informed discussions, outside reading, and either library or laboratory projects. This course may be repeated for credit for selected topics on different subjects. Prerequisites: Permission of instructor. (IRR)

Attributes: ENRE, NS

1-3 Credits

CHEM 39100-39200 Research in Chemistry (LA)

After consultation with the faculty of the Department of Chemistry, the student undertakes a research problem under the guidance of one or more faculty members. Prerequisites: Permission of department.

Attributes: NS

1-3 Credits

CHEM 42100 Advanced Organic Chemistry (LA)

Detailed discussion of reaction mechanisms, isotope effects, linear free energy relationships, bonding theories, and advanced synthetic methods. Prerequisites: CHEM 22200 and CHEM 33200. (IRR)

Attributes: NS

3 Credits

CHEM 42200 Advanced Inorganic Chemistry (LA)

Chemistry of coordination compounds in light of modern theory. The electronic, magnetic, and spectral properties of transition metal complexes are considered, with the application of group theoretical techniques. Other topics include formation and stability of complex ions, mechanism of reactions of these ions, and complexes of transition metal ions of biological interest. Three hours of lecture per week. Prerequisites: CHEM 34200. (IRR)

Attributes: NS

3 Credits

CHEM 43200 Bio-Organic Chemistry (LA)

Covers the modern interface of chemistry and biology, as well as an examination of current developments in biotechnology. Topics include combinatorial chemistry and modern synthetic methods, protein engineering, innovative approaches to drug design, enzyme mimics, and in vitro evolution of functional biopolymers. Prerequisites: CHEM 32400. (IRR)

Attributes: NS
3 Credits

CHEM 44000 Inquiry and the Nature of Science for the Science Teacher (LA)

Considers issues pertaining to the nature and practice of science, especially as they relate to science education. Explores aspects that distinguish scientific inquiry from other forms of inquiry. Examines safety issues of teaching science in a classroom, and teaching science in the context of the community. Cross-listed with CHEM 44000 and PHYS 44000. Students can receive credit for only one of: BIOL 44000, PHYS 44000, CHEM 44000. Prerequisites: EDUC 34000 and junior standing. (IRR)

Attributes: NS
3 Credits

CHEM 44200 Computational Chemistry (LA)

A solid understanding of the theoretical aspects of computational modeling and its utility and limitations in predicting electronic structures, molecular geometries, chemical dynamics, and chemical reactivity. In addition, the student will gain a hands-on, working knowledge of modern computational methods. Prerequisites: CHEM 32400; CHEM 33200. (IRR)

Attributes: NS
3 Credits

CHEM 44400 Chemical Applications of Group Theory (LA)

The chemical applications of symmetry and group theory, with a special emphasis placed on chemical bonding and spectroscopy. The necessary mathematical underpinnings for this course, including vectors, matrix algebra, and group theory, are presented largely in terms of symmetry operations and related properties of molecules. Prerequisites: CHEM 34200 and CHEM 33100. (IRR)

Attributes: NS
3 Credits

CHEM 45200 Instrumental Analysis (LA)

Familiarizes students with the principles and applications of modern analytical instrumentation for chemical analysis through hands-on experience with a wide variety of instrumental techniques. Prerequisites: CHEM 32400; PHYS 10200 or PHYS 11800. (IRR).

Attributes: NS
3 Credits

CHEM 47100-47200 Undergraduate Instruction in Chemistry (NLA)

Qualified undergraduates are given opportunities to participate in the department's instructional program, serving as laboratory assistants and/or tutors. Prerequisites: Permission of department. Pass/fail only. 1 Credit

CHEM 48100-48110 Selected Topics in Chemistry (LA)

Course content depends on interests of the registrants and may include informed discussions, outside reading, and either library or laboratory projects. Prerequisites: Permission of instructor. (IRR)

Attributes: ENRE, NS
1-3 Credits

CHEM 48600 Chemistry Capstone: Senior Research Experience (LA)

After consultation with the faculty of the Department of Chemistry, the student undertakes a research problem under the guidance of one or more faculty members. Prerequisite: CHEM 32500. (FY)

Attributes: NS
3 Credits

CHEM 48700 Chemistry Seminar (LA)

Series of lectures dealing with current research topics in chemistry and biochemistry presented by the faculty, visitors, and students. Each student is required to present a talk during the semester. One meeting per week. Prerequisites: Permission of department. Pass/fail only. (FY)

Attributes: NS
1 Credit

CHEM 48800 Chemistry Capstone: Senior Thesis (LA)

Students prepare a written thesis and an oral presentation describing their senior chemistry research experience (CHEM 48600) or literature search under the guidance of their research advisor. Ethics in science is addressed. Seminars will also be given by guest speakers. Explores the relationships between the various components of the integrative core curriculum (ICC), the chemistry major, other learning experiences at the College, and future goals. Reflection on the role of a liberal arts education. Prerequisites: Senior standing and major in Chemistry. (S,Y)

Attributes: CP, NS, WI
3 Credits

Chemistry Major – B.S.

Students interested in pursuing an American Chemical Society-approved degree may do so via the completion of additional requirements, in consultation with their adviser.

Summary

Code	Title	Credits
	Chemistry B.S. Major Requirements	55
	Integrative Core Curriculum Requirements ¹	29-41
	Electives	24-36
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
DEPARTMENTAL REQUIREMENTS		
CHEM 12100 & CHEM 12200 or CHEM 12300	Principles of Chemistry and Principles of Chemistry Laboratory or Principles of Chemistry - Enriched Section	4
CHEM 22100	Organic Chemistry I	3
CHEM 22200	Organic Chemistry II	3
CHEM 22300	Organic Chemistry I Laboratory	1
CHEM 22400	Organic Chemistry II Laboratory	1
CHEM 23200	Quantitative Chemistry	3
CHEM 23300	Quantitative Chemistry Laboratory	1
CHEM 33100	Physical Chemistry: Thermodynamics and Kinetics	3
	or CHEM 33200 Physical Chemistry: Quantum Chemistry and Spectroscopy	

CHEM 34200	Inorganic Chemistry	3
CHEM 34300	Inorganic Chemistry Laboratory	1
CHEM 35300	Modern Instrumental Methods	3
or BIOC 35300	Biochemistry: Protein Structure & Function	
CHEM 48600	Chemistry Capstone: Senior Research Experience	3
CHEM 48700	Chemistry Seminar	1
CHEM 48800	Chemistry Capstone: Senior Thesis	3
CHEMISTRY ELECTIVES		
Students complete 6 credits of upper-level chemistry electives, at the 300- or 400-level.		6
<ul style="list-style-type: none"> Any CHEM course not counting towards departmental requirements may count as a Chemistry elective, excluding CHEM research courses (CHEM 39100 or CHEM 39200) BIOC 35300 may count towards this requirement, if not counting as a Chemistry requirement. 		
NON-DEPARTMENTAL REQUIREMENTS		
MATH 10800	Applied Calculus	4
or MATH 11100	Calculus I	
MATH 14500	Statistics for the Health, Life, and Social Sciences	4
or MATH 11200	Calculus II	
or MATH 21600	Statistical Analysis	
PHYS 10100	Introduction to Physics I	4
or PHYS 11700	Principles of Physics I: Mechanics	
COMP 17100	Principles of Computing Science I	4
or PHYS 11800	Principles of Physics II: Electricity and Magnetism	
Total Credits		55

Chemistry Minor

The chemistry minor is not open to biochemistry majors, due to the course overlap.

REQUIREMENTS

Code	Title	Credits
REQUIRED COURSES IN THE DEPARTMENT		
CHEM 12100	Principles of Chemistry	3
CHEM 12200	Principles of Chemistry Laboratory	1
CHEM 22100	Organic Chemistry I	3
CHEM 22300	Organic Chemistry I Laboratory	1
CHEM 22200	Organic Chemistry II	3
CHEM 22400	Organic Chemistry II Laboratory	1
CHEM 23200	Quantitative Chemistry	3
CHEM 23300	Quantitative Chemistry Laboratory	1
CHEM 48700	Chemistry Seminar	1
CHEM xxxxx	3 additional credits of upper-level chemistry electives, at the 300- or 400-level, excluding CHEM research courses (CHEM 39100, CHEM 39200) ¹	3
Total Credits		20

¹ Some 300- and 400-level CHEM courses have additional prerequisites.

Department of Communication Studies

Bachelor of Arts

Christopher House, Associate Professor and Interim Chairperson, Fall semester

Robert Sullivan, Professor, Chairperson, Spring semester

Communication studies is the home of Ithaca College's liberal arts approaches to understanding human interaction in its many forms. Students and faculty in the Department of Communication Studies seek to understand the ways in which culture both affects and results from communication, as they explore a diversity of communication forms, practices, and organizations in an increasingly complex global culture. The department emphasizes small, interactive classes and close student-faculty interaction; its courses and co-curricular activities both provide a foundation in communication theory and skills and encourage multiple avenues of inquiry within which students can craft their own meaningful academic experiences.

The department offers two majors and one minor.

The **communication studies major** combines theory and practice in classes that focus on how, why, and with what effects people communicate — creating and sharing meaning, whether it be in the workplace, an informal gathering of friends, a family celebration, or a nationwide political process (to name just a few possibilities). A major in communication studies develops competence in theoretical analysis as well as the practical implementation of communication. The program is recommended for students who want a broad liberal arts background as preparation for careers in such fields as public relations, business, government, social services, and law, or for graduate study.

The **culture and communication major** is offered in cooperation with the Roy H. Park School of Communication and other departments at the College. This interdisciplinary program makes connections between two areas of inquiry: the study of how culture informs and shapes all aspects of communication, and its corollary area of investigation — how communication is the process through which culture is created, modified, and challenged. To explore these relationships, students consider culture and communication from a variety of intellectual perspectives across schools and divisions at the College. A degree in culture and communication prepares students for graduate study, whether law school or business school, or master's and doctoral programs in a range of critical studies areas. Students interested in this major should contact the coordinator, Robert Sullivan, professor of communication studies, 417 Muller Center.

The **communication studies minor** offers considerable flexibility so that a student can select courses which best complement their major. The minor must be declared through consultation with the departmental chair; the minor adviser guides students in course selection.

Requirements for Honors in Communication Studies

Departmental honors are awarded based on a senior project done under the sponsorship of a faculty member and its successful defense in an oral examination conducted by a faculty committee. A cumulative GPA of 3.50 is required. Students must propose the project by the end of the

penultimate semester before graduation and must complete it by the middle of the semester they plan to graduate.

FORENSICS: SPEECH AND DEBATE

The department also supports the Forensics program, open to any student at the College. Forensics strives to promote the highest standards of performance in speech and debate. The program provides an opportunity for students to participate in speech and debate activities, including events held on campus, at intercollegiate events, and in the community at large. The team competes in several forms of competitive debate and individual events as well as noncompetitive oral interpretation and readers' theater. The program sponsors events on campus and members travel to several tournaments each year. Ithaca College is home to the New York State Alpha chapter of Pi Kappa Delta, the national honorary forensics society and is a member of the National Forensics Association. For more information, contact Scott Thomson, director of forensics and assistant professor in the department.

Majors & Minors

- Communication Studies Major — B.A. (p. 439)
- Culture and Communication Major — B.A. (p. 440)
- Communication Studies Minor (p. 440)

Subjects in this department include: Communication Studies (CMST) (p. 435) and Culture and Communication (CLTC) (p. 439)

Communication Studies (CMST)

CMST 11000 Public Communication (LA)

Exposure to a variety of speaking situations as a means to more comfortable, effective communication. Brief unit on language followed by exercises in various kinds of influential speaking. Emphasis is placed on the ethical responsibilities of the speaker and on the need for a critical posture by both speaker and listener. (F,S,Y)

Attributes: 3A, CCCS, ESTS, HU

3 Credits

CMST 11500 Business and Professional Communication (LA)

Study of public communication skills used in business and professional settings; emphasis is placed on presentational speaking and motive analysis; opportunity for individualized skill development provided. (F,S,Y)

Attributes: CCCS, ESTS, HU

3 Credits

CMST 12000 Communication, Culture, and Rhetoric (LA)

Introduction to fundamentals of rhetorical theory and rhetorical approaches to the study of communication. Emphasis is placed on the discovery and critical analysis of the rhetorical impulse in a variety of forms of persuasion. Includes a basic survey of rhetorical forms such as speeches, essays, advertising, films, and television. (F,Y)

Attributes: HM, HU, LMS, LSC, TIDE

3 Credits

CMST 12400 Courtrooms and Communication (LA)

An investigation of trials and legal advocacy as communication phenomena. The course includes observations of live criminal trials and participation in mock trials. (F,Y)

Attributes: 1, HU

3 Credits

CMST 13200 Storytelling (LA)

Introduction to the practice, history, and theories of storytelling as a performing art. Emphasis is placed on cultural dimensions of oral/folk narrative through study of tales and traditions from different cultures and ethnicities. Students examine a variety of situations and functions for storytelling (e.g., bardic, theatrical, religious). (F,Y)

Attributes: 3B, CA, CCCS, ESTS, FA, RSEA, TIII

3 Credits

CMST 14000 Small Group Communication (LA)

Examination of the dynamics of small group communication with a focus on problem-solving groups. Topics include leadership, cohesiveness, norms, roles, conflict, problem-solving techniques, conformity and deviance, networks, and listening skills. (F,S,Y)

Attributes: 1, SO, SS, TIDE, TWOS

3 Credits

CMST 14900 Fundamentals of Interpersonal Communication (LA)

Introduction to basic principles of interpersonal communication.

Presents a theoretical perspective integrated with activities in and out of the classroom. Topics include interpersonal perception, language, nonverbal communication, self-concept, social roles, conflict management, and dynamics of intimacy. (F,S,Y)

Attributes: 1, SO, SS, TMBS

3 Credits

CMST 20000 Sophomore Professional Development Seminar in Communication Studies (NLA)

This seminar orients majors to the discipline of Communication Studies, as well as to the academic and professional opportunities available to them. It also provides majors with a common intellectual experience through participation in the Communication Studies Colloquium and a Sophomore Read. The seminar culminates in a reflexive essay in which students envision and plan how to maximize their academic experience. Prerequisites: CMST 11000, CMST 12000, CMST 14000, CMST 14900, or CMST 26900. (Y)

1 Credit

CMST 21500 Argumentation and Debate (LA)

Study of the philosophy of argument and logic in persuasion, debate forms, construction of the debate case, and responsibility for reasoned discourse in a society. Prerequisites: Sophomore standing. (F,Y)

Attributes: CCCS, HU, LMEL, LSC

3 Credits

CMST 21900 Communication Studies Practicum (NLA)

Practical experience in speech on campus, at the intercollegiate level, and in the community at large; debate and legislative assemblies; discussion, oratory, impromptu, and extemporaneous speaking; oral interpretation and readers' theater. The instructor will designate the minimum activities required to receive credit. May be repeated for a total of Prerequisites: Permission of instructor; participation in one of the department's cocurricular programs (such as debate or readers' theater). Pass/fail only. (F,S,Y)

Attributes: UND

1 Credit

CMST 22600 Health Communication (LA)

Introduction to the field of health communication, including origins and development. Presents theories of health behavior and communication and how they relate to one another in practice. Examines communication between health professionals and clients, and the roles media play in the health care industry and the delivery of health services. Cross-listed with HLTH 22600. Students may not receive credit for both HLTH 22600 and CMST 22600. Prerequisites: Sophomore standing or above. (F,Y)

Attributes: SS

3 Credits

CMST 23000 Analysis and Performance of Literature (LA)

Introduction to the art of oral interpretation of literature, including communicative and literary analysis, oral performance, and performance criticism. Survey of basic performance and analysis techniques for fictional prose and poetry. Prerequisites: Sophomore standing. (S,Y)

Attributes: 3A, 3B, CA, CCCS, FA, TIII

3 Credits

CMST 26900 Communication Research Perspectives (LA)

Introduces the premises of knowledge construction from the variety of perspectives, including, but not limited to humanistic, social scientific, and critical, that guide research in the communication studies discipline. Students will read and critique scholarly literature from multiple perspectives, with the goal of becoming more competent and critical readers of published and unpublished research in communication studies. Prerequisites: One course in CMST or CLTC. (Y)

Attributes: CCRM

3 Credits

CMST 28900-28910 Selected Topics: Communication Studies (LA)

Topics of current interest. Examples include nonverbal communication, campaign rhetoric, listening, intrapersonal communication, and legislative and parliamentary procedure. Prerequisites: Sophomore standing. (IRR)

Attributes: HU

3 Credits

CMST 29700 Directed Readings (LA)

Study of an extensive selection of literature, compiled by an instructor, on a topic of special interest. This literature should further student development within a relevant topic area that is not otherwise covered in an available course. Offered on demand only. Prerequisites: Three credits in communication studies; sophomore standing; approval of the communication studies faculty.

Attributes: HU, SS

1-4 Credits

CMST 30000 Junior Professional Development Seminar in Communication Studies (NLA)

Seminar content supports majors in laying the groundwork for life after college, either in graduate education or the professions, by introducing such topics as the processes and rationales for graduate education, career preparation, application for competitive grants and fellowships, and presentation of undergraduate research at academic conferences. The seminar culminates in a reflexive essay on their progress toward their academic and personal goals. Students also participate in the department colloquium and a Junior Read. Prerequisites: CMST 20000. (Y)

1 Credit

CMST 31100 Advanced Public Communication (LA)

Advanced public speaking, with three complementary goals: (1) to develop a professional level of oral skill before a live audience; (2) to practice advanced communication skills in the public sphere as speakers, speechwriters, and consultants; and (3) to be exposed to a variety of speech types and criteria by which speeches can be judged. Prerequisites: CMST 11000 or CMST 11500; Sophomore standing. (Y)

Attributes: 3A, CCCS, HU

3 Credits

CMST 32000 Communication, Conflict, and Negotiation (LA)

Examination of conflict resolution through communication, especially methods to manage bilateral conflict, including negotiation and mediation. Course moves from theoretical to experiential with application to contemporary and practical approaches. Includes survey of the legal framework underlying established methods of conflict resolution in business, community relations, labor/management relations, international trade and international disputes. Prerequisite: junior standing and one course in communication studies. (S,O)

Attributes: HU, LMAL, LMEL, LSCO

3 Credits

CMST 32100 Oral Advocacy in Arbitration and the Courts (LA)

Advanced communication performance course focusing on oral communication of a persuasive nature set in legal contexts, including arbitration and U.S. courts. Students learn techniques of legal reasoning and argumentation, in conformity with procedural and evidentiary rules, and apply these techniques to oral advocacy in legal settings. Observation and critique of oral advocacy from scholarly writings; professional legal training materials; in-class performances, and actual or mock arbitrations and trials. Prerequisite: CMST 12400 and junior standing. 3 redits. (S,E)

Attributes: HU, LMAL, LSCO

3 Credits

CMST 32200 Freedom of Communication and The First Amendment (LA)

This course focuses on communication and the First Amendment by examining how free speech functions within social interaction. Students investigate applications of the First Amendment in conjunction with interpersonal communication and cultural conflict and will learn how fundamental theories of free speech are applied to issues impacting present-day society. Course topics include free speech controversies and laws pertaining to protests, symbolic speech, censorship, hate speech, privacy and governmental regulation of speech. Prerequisites: One course in CMST, CLTC, or LGST. (IRR)

Attributes: LMAL

3 Credits

CMST 32500 African American Rhetoric from Protest to Tradition (LA)

This course examines the history of oratory and public addresses by African American women and men, including analysis of religious, political, and ceremonial speeches. Course examines the ways African Americans have employed rhetorical devices in navigating American society through discourses from the African American rhetorical tradition. Prerequisite: Junior standing. (S,E)

Attributes: WGS, WGS3

3 Credits

CMST 32600 Classical Theories of Rhetoric (LA)

Study of various theories of persuasion from the Platonic era through the Roman-Christian period (Plato to St. Augustine). Prerequisites: CMST 11000, CMST 12000; sophomore standing. (Y)

Attributes: 3A, CSA, H, HU

3 Credits

CMST 32700 Modern and Contemporary Theories of Rhetoric (LA)

Rhetorical theories offer a particular way of exploring the practice of communication. This seminar addresses one or more theoretical themes in the rhetorical approach to communication. Objectives include understanding the nature and value of communication theories in the modern world, as well as being able to put theories into practice.

Prerequisites: CMST 11000 or CMST 12000; junior standing. (Y)

Attributes: 3A, H, HU

3 Credits

CMST 32900 American Eloquence: A History of American Rhetorical Discourse (LA)

Study of the masterpieces of American rhetoric, focusing on US history's most famous and most infamous speeches. This course focuses on the theoretical analysis of rhetorical texts. Students will cultivate critical thinking/analysis necessary for informed responses to rhetorical discourses (political, religious, educational). Prerequisite: CMST 12000 and junior standing. (IRR)

3 Credits

CMST 33200 Folklore and Cultural Performances (LA)

Survey of the major forms and traditions of folklore and cultural performances ranging from everyday conversations to rituals and celebrations. Emphasis is placed on the analysis of aesthetic, rhetorical, and group dimensions of folkloric and oral performances. Narrative forms to be studied include personal storytelling, jokes and humor, legends, and tales. Larger performance forms are also included, such as spectacles, holidays, and festivals. Prerequisites: Nine credits of courses from one or more of the following departments: anthropology; cinema, photography, and media arts; English; sociology; communication studies; theater arts. (IRR)

Attributes: CCCS, FA

3 Credits

CMST 33300 Analysis and Performance of Prose (LA)

Study of analysis, cutting, adaptation, and performance techniques appropriate to oral interpretation of expository, descriptive, and narrative prose literature. Solo and ensemble performance experience and performance evaluation experience. Prerequisites: CMST 23000, or three courses in communication studies and/or theater. (F,E)

Attributes: 3B, CCCS, FA

3 Credits

CMST 33400 Group Performance of Literature (LA)

Study of the principles and practice of readers' theater as a creative and presentational art form. Includes study of adaptation and compilation scripting; direction and performance of ensemble interpretation projects. Prerequisites: CMST 23000, or three courses in communication studies and/or theater. (IRR)

Attributes: 3B, CCCS, FA

3 Credits

CMST 33500 Analysis and Performance of Poetry (LA)

Exploration of vocal and performance behavior appropriate to poems written in the lyric, epic, and dramatic modes; evaluation of the student's oral performance in each of the modes and in various periods of English literature. Prerequisites: CMST 23000, or three courses in communication studies and/or theater. (IRR)

Attributes: CCCS, FA

3 Credits

CMST 34600 Gender and Interpersonal Communication (LA)

Advanced theoretical examination of interpersonal communication, concentrating on nonverbal communication, language, power, gender, and characteristics of and problems in interpersonal relationships.

Prerequisites: CMST 14000 or CMST 14900; sophomore standing. (F,Y)

Attributes: 1, SS, WGS, WGS3, WI

3 Credits

CMST 34700 Intercultural Communication (LA)

Introduces speech communication processes in intercultural, interracial, interethnic, and international contexts. Presents other cultural groups, patterns of thought, perception, and communication, and examines students' own cultural assumptions. Prerequisites: CLTC 10000 or CMST 12000; Sophomore standing. (F,O)

Attributes: DV, G, LAEL

3 Credits

CMST 34800 Family Communication (LA)

The family from a communication perspective. Studies the dominant theories and methodologies that illuminate communication about and within the contemporary American family. Emphasis is placed on the central role communication plays in determining expectations and realities in a diversity of situations (e.g., nuclear, extended, single-parent, blended, voluntarily childless, or gay/lesbian-led families). Prerequisites: CMST 14000 or CMST 14900; WRTG 10600, ICSM 10800, or ICSM 11800; sophomore standing. (S,E)

Attributes: 1, DV, SS, WI

3 Credits

CMST 35300 Language and Social Interaction (LA)

Studies how symbolization reflects and generates a particular view of reality. Emphasizes how certain methods of describing the world determine the orientation a person has toward the world. Focus is on the reality structures of American language. Prerequisites: Three courses in communication studies; junior standing, and WRTG 10600 or equivalent. (Y)

Attributes: HU, WI

3 Credits

CMST 36000 Race and Public Policy (LA)

Examines the multifaceted countervailing forces within American political/legal communication that indicate race still matters. Incorporates analysis of documentaries, court opinions, and Congressional debates, as these forms of communication relate to Native Americans, Asian Americans, African Americans, and Latinos. Prerequisite: Junior standing. (Y)

Attributes: AASE, HU, RPPE

3 Credits

CMST 36200 Political Communication: Campaigns and Elections (LA)

Analysis and critique of local and national campaigns and elections. Focuses on key questions such as how candidates and their campaigns create and package "the message", how that message and others impact public opinion and perception. Students also construct a campaign. Prerequisites: Junior standing. (Y)

Attributes: HU, MAP

3 Credits

CMST 38900-38911 Selected Topics in Communication Studies (LA)

Topics of current interest. Examples include small group dynamics, research methodology, interracial/intercultural communication, conflict management, and male/female relationships. Prerequisites: Junior standing. (IRR)

Attributes: HU

3 Credits

CMST 39500 Internship: Communication Studies

1-12 Credits

CMST 39700 Directed Readings (LA)

Study of an extensive selection of literature, compiled by an instructor, on a topic of special interest. This literature should further student development within a relevant topic area that is not otherwise covered in an available course. Offered on demand only. Prerequisites: in communication studies; junior standing; approval of the communication studies faculty.

Attributes: HU, SS

1-4 Credits

CMST 40000 Senior Professional Development Seminar in Communication Studies (NLA)

This seminar is the culmination of the professional development sequence for Communication Studies majors, focusing on the "Translating the Transcript project," in which students reflect on how well they have been able to achieve an integrated college experience. Students also participate in the department colloquium and a Senior Read. Prerequisites: CMST 30000. (Y)

1 Credit

CMST 42500 Rhetoric of Religion (LA)

This seminar examines the rhetorical nature of religious language from classical times to the present. It explores how rhetorical approaches to religion can contribute to deeper understandings of both rhetoric and religion and the rhetorical role of religious language in society. (F,E)

Attributes: ADSE, RPRE, RSEA

3 Credits

CMST 42900-42910 Seminar in Public Communication (LA)

In-depth study of a specific topic in public communication, such as the speaking of a particular person (Nixon) or type of person (president), communication strategies of a movement (women's) or kind of rhetoric (famous pleas). Prerequisites: Senior standing or equivalent in communication studies. (IRR)

Attributes: HU

3 Credits

CMST 43900 Seminar in Literary and Cultural Performances (LA)

Detailed study of special topics in fields such as linguistics, literary composition, prosody, and rhetoric as they relate to the oral presentation of prose, poetry, and the play. May be repeated for credit when topics vary up to three times for a total of nine credits. Prerequisites: Two of the following: CMST 23000, CMST 33300, CMST 33400, or CMST 33500. (IRR)

Attributes: CCCS, FA, HU

3 Credits

CMST 44900 Seminar in Interpersonal Communication (LA)

In-depth study of a specific topic in interpersonal communication, such as stages in relationship development, language behavior and interpersonal communication, nonverbal codes and relationships, and interpersonal apprehension. May be repeated for credit when topics vary up to three times for a total of Prerequisites: CMST 14000; CMST 14900; any 3-credit course identified as an "applications in communication studies" course. (IRR)

Attributes: SS

3 Credits

CMST 45100 Communication and Social Influence (LA)

Examination of current theories of social influence and their relationship to communication. Focuses on analyzing current persuasion practices in terms of theories such as social learning and self-persuasion, attribution theory, information processing, and social change. Prerequisites: CMST 14000; CMST 14900; one level-3 or above course identified as an "applications in communication studies" course. (S,Y)

Attributes: LMEL, LSCO, SS

3 Credits

CMST 45900-45902 Seminar in Communication Theory (LA)

Detailed study of special topics, with an emphasis on theories of human communication. May be repeated when topics vary, for a total of Prerequisites: Three courses in communication studies, at least one of which must be at level 3. (IRR)

Attributes: 1, SS

3 Credits

CMST 46900 Seminar in Communication Research (LA)

In-depth study of a specific topic in research methods, such as survey methodology, ethnography, or rhetorical criticism. May be repeated for credit when topics vary up to three times for a total of nine credits. Prerequisites: CMST 26900 and one level-3 CMST course. (IRR)

3 Credits

CMST 49500 Internship: Communication Studies (NLA)

Work-study project designed by the student in consultation with a sponsoring faculty member and a cooperating practicing professional. The proposal must define the work to be done, the theories to be explored, and the student's plan for submitting a written report based on his or her experience. Offered on demand only. No more than may be used toward the major. Prerequisites: Communication studies major, with a cumulative GPA of 2.30 and 3.00 in the major; permission of communication studies faculty. Variable credit, up to .

Attributes: UND

1-12 Credits

CMST 49800 Directed Research (LA)

Research project arranged at student request with an individual instructor in communication studies. Offered on demand only. No more than may be used toward the major. Prerequisites: Communication studies major or minor, with a cumulative GPA of 2.30 and 3.00 in the major; junior standing; permission of communication studies faculty.

Attributes: UND

1-4 Credits

CMST 49900 Independent Study: Communication Studies (LA)

Special reading and research under the supervision of the department. Must not duplicate standard coursework. Application must be made to the communication studies faculty before preregistration for the semester in which the study is to be undertaken. Offered on demand only. May be repeated for a total of Prerequisites: Cumulative GPA of 2.30 and 3.00 in major; junior or senior standing; permission of communication studies faculty.

Attributes: UND

1-4 Credits

Culture and Communication (CLTC)

CLTC 10000 Introduction to Culture and Communication (LA)

Introduction to the interdependent relationship between symbols, rituals, artifacts, and patterns of thought of cultural groups and the communication practices of those groups. Core concepts are demonstrated through an illustrative case focused on a social issue, problem, or other phenomenon. Students are also introduced to resources and basic skills that enhance study in the liberal arts. Not open to seniors except by permission of instructor. (F,S)

Attributes: DV, LMSF, LSCO

3 Credits

CLTC 23001 Special Topics in Media Literacy (LA)

Using the principles and practice of media literacy, this course will examine how media messages are constructed and how they affect our individual and collective understanding of specific topics. Students will develop critical decoding skills through analysis of current and historical media documents. A wide range of media forms will be explored, including digital, audio, audiovisual, and print-based media. Each year the seminar will focus on a different topic reflecting current issues and media literacy curricula developed at the College (e.g., environmental issues, social justice, peace and war). In presidential election years, the topic will be media construction of presidential campaigns. Prerequisites: Sophomore standing. Can be repeated for up to six credits when topics vary. (F, Y)

Attributes: HU

3 Credits

CLTC 48000 Senior Seminar in Culture and Communication (LA)

In this capstone course each student will undertake a major scholarly research project involving a topic related to her or his designated area of inquiry. Drawing on the skills and knowledge developed through previous coursework, and with the mentoring of the seminar instructor, each student will execute a suitable research design and present the results both in writing and orally in a public forum. Prerequisites: Senior standing in culture and communication major; TVR 26200, CNPH 30000 or CNPH 30100. (S)

Attributes: CP

3 Credits

CLTC 49000 Internship: Culture and Communication (NLA)

The internship provides a structured intensive learning experience in an organization dedicated to research, planning, policymaking, or service provision in an area related to culture and communication. Supervision is provided by an on-site professional preceptor. Students are required to submit periodic written field reports, as well as a final internship experience report. Prerequisites: Junior standing or above and permission of instructor. 1 to (F-S, Y)

1-6 Credits

CLTC 49900 Independent Study: Culture and Communication (LA)

Intensive study of the theoretical and empirical relationships between culture and communication. These projects will be conducted under the supervision of a faculty adviser and will require a comprehensive research paper and/or project. A proposal for the topic and specific plans must be approved by the dean's office of the Division of Interdisciplinary and International Studies. Prerequisites: Junior standing or above and permission of instructor. 1 to (F-S, Y)

1-4 Credits

Communication Studies Major – B.A.

Summary

Code	Title	Credits
	Communication Studies B.A. Major Requirements	42
	Integrative Core Curriculum Requirements ¹	28-40
	Electives	38-50
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

No more than two grades below a C (2.00) will be accepted in courses toward fulfilling requirements of the major.

Communication studies majors have many elective credits, and they are encouraged to select at least one 18- to 27-credit sequence outside the department as a minor concentration or cognate area.

Code	Title	Credits
DISCIPLINARY CORE		
CMST 11000	Public Communication	3
CMST 12000	Comm, Culture, & Rhetoric	3
CMST 14000	Small Group Communication	3
CMST 14900	Fundamentals of Interpersonal Communication	3
CMST 26900	Communication Research Perspectives	3
CMST xxxxx	Communication Studies electives at level 3 or level 4 ¹	12
PRESENTATION CORE		
Select 9 credits from the following, at least three of which must be at level 2 or above:		9
CMST 11500	Business & Professional Comm	
CMST 12400	Courtrooms & Communication	
CMST 13200	Storytelling	
CMST 21500	Argumentation & Debate	
CMST 23000	Analysis and Performance of Literature	
CMST 31100	Advanced Public Communication	
CMST 32000	Communication, Conflict, and Negotiation	
CMST 32100	Oral Advocacy in Arbitration and the Courts	
CMST 33xxx	Advanced Performance Courses	
CMST 389xx	Selected Topics in Communication Studies (when the topic is appropriate)	
INDIVIDUALIZED STUDY		
Select 3 credits from the following: ²		3
CMST 21900	Communication Studies Practicum	
CMST 39500	Internship: Communication Studies	
or CMST 49500	or CMST 49500 Internship: Communication Studies	
CMST 39700	Directed Readings	
CMST 49800	Directed Research	
or CMST 49900	or CMST 49900 Independent Study: Communication Studies	
PROFESSIONAL DEVELOPMENT SEQUENCE		

CMST 20000	Sophomore Professional Development Seminar in Communication Studies	1
CMST 30000	Junior Professional Development Seminar in Communication Studies	1
CMST 40000	Senior Professional Development Seminar in Communication Studies	1
Total Credits		42

¹ Credits used to satisfy the Presentation Core or Individualized Study requirements cannot also be used to meet this electives requirement; students may take additional courses to count as electives. However, no more than 3 credits from the following list of individualized study options may be used towards this electives requirement: CMST 39500, CMST 39700, CMST 49500, CMST 49800, or CMST 49900.

² Students may also use appropriate credits earned through a study abroad program to satisfy this requirement.

Culture and Communication Major — B.A.

Summary

Code	Title	Credits
Culture and Communications B.A. Major Requirements		63-75
Integrative Core Curriculum Requirements ¹		16-28
Electives		17-41
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
FOUNDATION COURSES		
CLTC 10000	Introduction to Culture and Communication	3
CMST 12000	Comm, Culture, & Rhetoric	3
CNPH 10100	Introduction to Film Aesthetics and Analysis	3
TVR 12100	Introduction to Mass Media	3
TVR 22000	Global Flow of Information	3
CLTC 48000	Senior Seminar in Culture and Communication	3
COMMUNICATION SKILLS		
Select two courses with the Culture and Communication Attribute "CCCS", designated to develop skills in oral, written, digital and/or media communication. At least one course must be at level-2 or above.		6
RESEARCH METHODS/PERSPECTIVES		
Select one course with the Culture and Communication Attribute "CCRM", that focuses on communications research perspectives and/or methodologies, related to the student's interests and area of concentration.		3
CONCENTRATION		

Students develop an 18 credit concentration that allows them to develop an area of expertise through interdisciplinary upper-level coursework. Concentrations must fulfill the following criteria: ¹

- consist of at least six courses
- contain at least three courses at level 3 or level 4
- courses taken for Foundation, Research Perspectives, or Communication Skills requirements cannot also be counted as part of the concentration.

LANGUAGE REQUIREMENT

Majors are required to complete a foreign language through the intermediate level or to demonstrate proficiency as part of their degree requirements. ² 0-12

REQUIRED MINOR

Majors are required to complete a minor outside of communication studies. 18-21

Total Credits 63-75

¹ Concentrations will be self-designed by the student in collaboration with the program's coordinator, with a thesis statement describing the focus and connections between the course. All concentrations must be submitted for approval by the Culture and Communication Steering Committee by the end of the student's sophomore year. Although the concentrations do not require a credit-bearing internship or study abroad, students are encouraged to seek such opportunities either for credit or as part of a summer experience.

² This may require up to four courses, depending on the level of proficiency demonstrated.

Communication Studies Minor Requirements

Code	Title	Credits
CMST xxxxx	Level-1 and level-2 electives	9
CMST xxxxx	Level-3 and level-4 electives	9
Total Credits		18

Department of Computer Science

Bachelor of Arts, Bachelor of Science

Toby Dragon, Associate Professor and Chairperson, Fall semester
Ali Erkan, Associate Professor and Chairperson, Spring semester

From individual communication to mass media, from scientific research to business, from entertainment to health care, technology provides the structure and tools for living and working in the contemporary world. The majors and minors offered by the department of computer science are designed to equip students with the knowledge, problem-solving abilities, and technical skills to design and create this technology for the 21st century. All courses in the department introduce real-life problems and emphasize both practical software development and fundamental concepts, so that students can understand and adapt to continually evolving technology.

Majors in Computer Science

The computer science B.S. and B.A. majors combine breadth in theoretical and practical computer science with depth in specialized areas. In addition to coursework, students are encouraged to gain software development and problem-solving skills by working with faculty

on projects and research both during the academic year and through funded summer programs.

- The B.S. in computer science focuses on developing a depth of knowledge and skills in computing and the natural sciences.
- The B.A. in computer science offers more flexibility for students who wish to also pursue majors or minors in other fields.

In both programs, students are able to master the fundamental concepts of computing and develop the problem-solving skills needed to create computer-based solutions across all disciplines. Both programs also emphasize the challenges in human-computer interactions and the design skills necessary to make technology both approachable and useful for humans. Finally, both degrees provide students the comprehensive understanding of computer science necessary for a career in industry or for graduate school.

Minors

The computer science department offers several minors designed to help students effectively incorporate technology in a diverse array of fields:

- The *minor in computer science* provides skills in problem-solving and a foundation in programming techniques. Students will gain an understanding of the technologies underlying the applications used within their major discipline and will also feel comfortable writing or extending computer code themselves.
- The *minor in web programming* helps students gain a deep understanding of how to create engaging and effective websites while also ensuring that they have a thorough knowledge of the fundamentals that enable them to quickly adapt to emerging web technologies.
- The *minor in game development* focuses on the concepts central to the design and implementation of games and on understanding the structure of the technologies behind games.

Minimum Grade for Prerequisites

A grade of C or better is required for a course in computer science to fulfill a prerequisite for another computer science course.

Advanced Placement

Students can receive credit and advanced placement in COMP 17100 with a grade of 4 or 5 on the College Board Advanced Placement examination, Computer Science A only.

Majors & Minors

- Computer Science Major – B.A. (p. 445)
- Computer Science Major – B.S. (p. 445)
- Computer Science Minor (p. 446)
- Game Development Minor (p. 446)
- Web Programming Minor (p. 446)

COMP 10500 Introduction to Website Development (LA)

Introduction to the design and construction of responsive interactive websites using current technologies and tools. The course covers principles of effective website design, the design process, and implementation techniques. A term project building a large interactive, mobile-ready website is required. Students who have completed or are taking COMP 20500 may not receive credit for this course. (F,S,Y)

Attributes: CA, CCCS, ESTS, MC, NS, TWOS
3 Credits

COMP 10600 Multimedia Programming (LA)

Fundamental concepts and skills in media programming are covered through design and development of interactive, multimedia websites and applications. Assignments include hands-on projects built using text, images, video, audio, animation, and interactivity. (F,S,Y)

Attributes: CA, CCCS, ESTS, NS, TIII
3 Credits

COMP 10700 Introduction to 2D Game Development (LA)

An introduction to the design, development, and implementation of two-dimensional (2-D) games. Topics to be covered will include principles of designing games and the computational methods and tools used to create game content. Some programming will be introduced, but no prior computing experience is needed. Students will also learn the basic principles of project management and teamwork. Concepts will be put into practice as teams design and develop their own 2-D game. The course will be a combination of lectures and hands-on exercises. (F,Y)

Attributes: 2B, CA, MC, NS, TIII
4 Credits

COMP 11000 Computers and Information Technologies (LA)

Develops student expertise in the use of a computer and the major software tools used for personal and professional productivity, with an emphasis placed on spreadsheets and database management systems. Includes an introduction to the components of a computer system and to social and ethical issues surrounding the use of a computer. Students may receive credit for only one of the following courses: COMP 11000, HLTH 13901, EXSS 13900. Students who have already taken COMP 20100 cannot receive credit for this course. (F,S,Y)

Attributes: 2B, NS, QL
3 Credits

COMP 11500 Discrete Structures for Computer Science (LA)

An introduction to discrete structures for computer science. The major topics of study include sets, proof techniques, logic, predicate logic, relations and functions, counting and probability, matrices, and induction. (S,Y)

Attributes: 2B, NS
4 Credits

COMP 12200 Introduction to Robotics Using Legos (LA)

This course introduces students to robotics and programming using Legos. Students will build various type of robotic objects incorporating output devices such as motors and lights as well as sensor input devices such as touch sensors, light sensors, sonar sensors, and rotation sensors. The emphasis is on hands-on labs. Programs to control and robots will be developed using an object-oriented language such as Java or C++ and cover the basic object-oriented concepts. Engineering concepts involving the use of gears will be briefly explored. The emphasis is hands-on labs along with presentations and demonstrations. This course is designed for students who have little or no previous programming experience. The course may not be taken for credit after COMP 22000 or COMP 22500. (IRR)

Attributes: 2B, NS
3 Credits

COMP 12400 Geographical Information Systems (LA)

Exploration of analytical and computational concepts and skills necessary to create, manipulate, analyze, visualize, and manage spatial databases. Skill-development in using a geographic information system (GIS) in a computer laboratory. Prerequisite: WRTG 10600, ICSM 108xx or ICSM 118xx. (F,Y)

Attributes: CCCS, ESTS, NS, WI
3 Credits

COMP 17000 Introductory Computer Project (NLA)

Student undertakes a project to design and implement a computer application under the guidance of one or more faculty members. May be repeated for a total of Prerequisites: Permission of the computer science faculty. (F-S,Y)
1-3 Credits

COMP 17001 Introductory Computer Project (NLA)

Student undertakes a project to design and implement a computer application under the guidance of one or more faculty members. May be repeated for a total of Prerequisites: Permission of the computer science faculty. (F-S,Y)
1-3 Credits

COMP 17100 Principles of Computing Science I (LA)

A disciplined introduction to problem-solving methods and program development. Topics include standard control structures, basic data structures, algorithms and abstraction mechanisms, testing, and an introduction to algorithm analysis. (F-S,Y)

Attributes: 2B, NS
4 Credits

COMP 17200 Principles of Computer Science II (LA)

The focus of this course is to reinforce and strengthen the foundational concepts learned in Computer Science I and to provide additional experience with problem solving and algorithmic thinking independent of the programming language used. It will provide the requisite skills needed by majors and minors to successfully progress in Computer Science. The course will be a combination of lectures, in-class exercises, and labs, with a strong hands-on approach. Prerequisites: COMP 17100. (F-S, Y)

Attributes: NS
4 Credits

COMP 17900 Topics: Computer Languages (LA)

The syntax, data structures, and distinctive features of a specific programming language chosen from those not given detailed coverage in any regularly offered computer science course. Programming assignments develop students' skills in the language and illustrate typical applications. Possible languages include C++, LISP, and PROLOG. Prerequisites: COMP 17100. Restricted to students who have not already taken a course treating in detail the language offered by this course. May be repeated for credit with different languages. (IRR)

Attributes: UND
1 Credit

COMP 19000 Selected Topics in Computer Science (LA)

Topics to be determined by the instructor and the Department of Computer Science. May be repeated for credit for selected topics on different subjects. (IRR)

Attributes: NS
1-4 Credits

COMP 19200 Independent Study in Computer Science (LA)

Enrichment and extension of the regular curriculum to areas not covered in existing courses. Arranged individually between student and faculty sponsor according to guidelines available from the department. (IRR)

Attributes: UND
1-4 Credits

COMP 20200 Computational Foundation of Emerging Media (LA)

Introduction to the concepts, tools, and computational methods underlying the most popular forms of emerging media. Topics include existing software tools for design, development, and analysis of emerging media and the computational methods and concepts underpinning both the tools and the media itself. Hands-on exercises in programming, scripting, and using a variety of software packages. Prerequisites: COMP 17100. (S, Y)

Attributes: NS
4 Credits

COMP 20500 Advanced Web Programming (LA)

Introduction to the creation of interactive and dynamic web pages. Students study the technologies and concepts necessary to add interactive scripts to web pages (client-side programming), receive and supply information to web pages (server-side programming using scripting), and store information (database creation). Prerequisites: COMP 17200. (F,Y)

Attributes: CCCS, NS
4 Credits

COMP 20700 Game Development and Technologies (LA)

Covers the methods and technologies used to implement and test video games, with an emphasis on the software design and development, prototyping, and testing phases. Additionally, students are introduced to the various technologies (graphics, artificial intelligence, game physics, audio, and networking) and software tools used by game developers. This course may not be counted toward a computer science major. Prerequisites: COMP 10700 or COMP 17100 (S,Y)

Attributes: NS
4 Credits

COMP 21000 Introduction to Computer Organization and Systems (LA)

Computer structure and organization. Investigation of operating systems, including processes, memory management, and file systems. Prerequisites: COMP 22000. (S,Y)

Attributes: NS
4 Credits

COMP 22000 Introduction to Data Structures (LA)

This course covers basic data structures, including stacks, queues, trees, and graphs. Fundamental algorithmic techniques, such as sorting and searching, are also covered. Prerequisites: COMP 17200; COMP 11500 or MATH 11100 (may be taken concurrently). (F,Y)

Attributes: NS
4 Credits

COMP 27000-27001 Intermediate Computer Project (NLA)

Students undertake a project to design and implement a substantial computer application under the guidance of one or more faculty members. Permission of the computer science faculty required. May be repeated for a total of six credits. (F,S,Y)

1-3 Credits

COMP 29000 Selected Topics in Computer Science (LA)

Topics to be determined by the instructor and the Department of Computer Science. May be repeated for credit for selected topics on different subjects. (IRR)

Attributes: NS
1-4 Credits

COMP 29200 Independent Study in Computer Science (LA)

Enrichment and extension of the regular curriculum to areas not covered in existing courses. Arranged individually between student and faculty sponsor according to guidelines available from the department. (IRR)

Attributes: UND

1-4 Credits

COMP 30600 Mobile Development (LA)

Study of the basic concepts involved in developing applications for mobile devices including phones and tablets. Topics include Model-View-Controller architectures, user-interface design, multi-view applications, animation, threads, touch gestures, accessing sensors, and databases.

The course includes practical experience through a semester-long team project to design and implement a mobile app. Prerequisites:

COMP 22000. (F,E)

4 Credits

COMP 31000 Implementation of Computer Operating Systems (LA)

In-depth investigation of the major concepts, algorithms, and implementation principles of computer operating systems. Both theoretical and practical aspects of operating systems are considered; students undertake substantial programming projects to illustrate concepts. Topics include scheduling; resource and storage allocation; problems of resolving deadlock, exclusion, and synchronization; memory allocation; secondary storage implementation; and distributed system structures. Prerequisites: COMP 21000. (IRR)

Attributes: NS

4 Credits

COMP 31100 Algorithms and Data Structures (LA)

Analysis of major algorithms and data structures for primary memory. Data structures include graphs, dynamic hash tables, and balanced tree structures. Other major topics are algorithm design techniques (greedy method, divide/decrease and conquer, recursion and dynamic programming, branch and bound, and approximation algorithms).

Prerequisites: COMP 22000 and COMP 11500. (S,Y)

Attributes: NS

4 Credits

COMP 32100 Programming Languages (LA)

An intermediate-level course in programming language constructs, including design issues, paradigms and corresponding machine models, language constructs, syntax, and semantics. Includes a survey of actual programming languages representative of common paradigms, critically comparing the design choices and features unique to each. Algorithmic, functional, and logical languages are considered. Prerequisites:

COMP 21000 and COMP 22000. (F,Y)

Attributes: NS

4 Credits

COMP 32500 HCI: User Interface Design and Development (LA)

This course presents the fundamental concepts of design, prototyping, evaluation, and implementation of user interfaces (UIs), which are part of the field of HCI (human-computer interaction). Topics of study include user-centered design, task analysis, prototyping, interface design principles, user testing, interface metaphors, windows and event-driven programming, and heuristic evaluation. Principles of human perception and cognition are applied to user interface design. Web interface designs and three-dimensional user interfaces are also studied. Prerequisites: COMP 17200 and one of COMP 20500, COMP 20700, or COMP 22000. (S,Y)

Attributes: NS

4 Credits

COMP 33000 Introduction to Virtual Reality (LA)

This course introduces the fundamental concepts of virtual reality (VR), with an emphasis on the interdisciplinary nature of VR system development and applications. Topics include survey and analysis of VR hardware, software, and methodologies; advanced topics in computer graphics; interaction and navigation within VR; simulation and behaviors in virtual worlds; human perception; and applications of VR. The course includes hands-on experience with VR hardware and software. Prerequisites: COMP 20700 or COMP 22000. (F,E)

Attributes: NS

4 Credits

COMP 34500 Introduction to Software Engineering (LA)

An introduction to the software development process, focusing on analysis, design, programming, and testing of a medium-scale team project. Object-oriented software engineering practices are discussed, with an emphasis on the unified process, use case-based design, and the unified modeling language (UML). Testing, risk analysis, and design patterns are also addressed. Prerequisites: COMP 22000. (S,Y)

Attributes: NS

4 Credits

COMP 35400 Intelligent Systems (LA)

Explores key concepts of intelligent systems, including knowledge-based search techniques; automatic deduction, knowledge representation using predicate logic, and machine learning. Selected applications of artificial intelligence, such as problem solving, data mining, game playing, expert systems, planning, natural language understanding, and computer vision. Requires implementation of a significant intelligent software system.

Prerequisites: COMP 22000. (S,E)

Attributes: NS

4 Credits

COMP 36500 Computer Networks (LA)

Basic concepts of computer networks and data communications. The major topics include transmission media, error detection, routing, client-server models, remote execution, and encryption. Includes a discussion of characteristics of local and wide area networks, heterogeneous networks, and case studies of current networks. This course contains a laboratory component that includes topics such as network configuration, topologies and protocols, and installation of networks. Prerequisites: COMP 11500 and COMP 21000. (F,O)

Attributes: NS

4 Credits

COMP 37000-37001 Intermediate II Computer Project (NLA)

After consultation with the computer science faculty, the student undertakes a project to design and implement a substantial computer application under the guidance of one or more faculty members. Permission of the computer science faculty required. May be repeated for a total of six credits. (F,S,Y)

1-3 Credits

COMP 37500 Database Systems (LA)

Study of the basic concepts involved in database systems, including database architecture, data models, database design, and query techniques. The course includes practical experience through a semester-long team project to design and implement a database and related applications using SQL. Prerequisites: COMP 17100; COMP 20500 or COMP 22000 or COMP 22500. (F,E)

Attributes: NS

4 Credits

COMP 38500 Emerging Media Project (NLA)

Hands-on introduction to project design, development, implementation, and testing, with emphasis on the knowledge and skills required to successfully complete the production cycle, including team dynamics, market analysis, project management, documentation, and testing. Students work in teams on projects assigned by the instructor. Cross-listed with TVR 38500; students cannot receive credit for both COMP 38500 and TVR 38500. Open only to emerging media majors. Prerequisites: COMP 20200; junior standing. (F-S, Y)

4 Credits

COMP 39000 Selected Topics in Computer Science (LA)

Topics to be determined by the instructor and the Department of Computer Science. May be repeated for credit for selected topics on different subjects. (IRR)

Attributes: NS

1-4 Credits

COMP 39200 Independent Study in Computer Science (LA)

Enrichment and extension of the regular curriculum to areas not covered in existing courses. Arranged individually between student and faculty sponsor according to guidelines available from the department. (IRR)

Attributes: UND

1-4 Credits

COMP 41000 Algorithms + Organization = Systems (LA)

In-depth investigation of the major concepts and implementation principles of computer systems (operating systems, networks, databases, etc.) through the exploration of seminal algorithms used in systems. Students read research papers and conduct experiments on algorithms in a systems environment. Topics may include scheduling, resource and storage allocation, problems of resolving deadlock, exclusion, and synchronization, memory allocation, secondary storage implementation, distributed system structures, switching, and IP addressing. Prerequisites: COMP 21000 and COMP 31100. (F,O)

4 Credits

COMP 41500 Computer Graphics (LA)

An introduction to the fundamentals of computer graphics, including the mathematical foundations of graphics techniques; 2D and 3D algorithms for geometry, transformations, viewing, and lighting; stereo viewing, ray tracing, and radiosity. At least two different graphics APIs will be introduced and will be used to implement graphics programs and provide hands-on experience in the topics covered. Prerequisite: COMP 31100 or COMP 33000. (IRR)

Attributes: NS

4 Credits

COMP 45500 Search Engines and Recommender Systems (LA)

Explores how information retrieval and recommendation systems such as Netflix, Facebook, and Pandora, are designed and implemented. Combines development of information retrieval skills such as web-crawling, text & multimedia processing, boolean & vector-space modeling, classification, clustering, and similarity analysis. Will involve hands-on implementation of computer software systems. Prerequisites: COMP 22000 and one level-3 COMP or MATH course. (S,O)

4 Credits

COMP 46500 Topics in Networks (LA)

This course investigates contemporary advanced algorithmic and networking concepts. Topics change depending on the semester but include the structure and function of networks, security in networks, and network simulations. The course exposes students to computing research and requires at least one significant programming project.

Prerequisites: COMP 31100 and COMP 36500. (IRR)

Attributes: NS

4 Credits

COMP 47000-47001 Advanced Computer Project (NLA)

Students undertake a project to design and implement a substantial computer application under the guidance of one or more faculty members. May be repeated for a total of Prerequisites: Junior standing and permission of the computer science faculty. (F-S,Y)

1-3 Credits

COMP 47500 Senior Project (LA)

Offers students the opportunity to consolidate theory and apply concepts to a computer-based problem, thus enhancing their understanding of various facets of the computing discipline. Students are responsible for the analysis, design, development, documentation, implementation, and testing of the computer system. The project may be carried out singly or in small groups of up to four people. Prerequisites: Senior standing; permission of instructor. (F-S,Y)

Attributes: NS

3 Credits

COMP 48500 Emerging Media Capstone (NLA)

Working as part of a team, the student designs, develops, and documents a significant emerging digital media project under the guidance of one or more faculty members. Cross-listed with TVR 48500; students cannot receive credit for both COMP 48500 and TVR 48500. Prerequisites: COMP 38500 or TVR 38500 with a minimum grade of C-. (F-S, Y)

4 Credits

COMP 49000 Selected Topics in Computer Science (LA)

Topics to be determined by the instructor and the Department of Computer Science. May be repeated for credit for selected topics on different subjects. (IRR)

Attributes: NS

1-4 Credits

COMP 49200 Independent Study in Computer Science (LA)

Enrichment and extension of the regular curriculum to areas not covered in existing courses. Arranged individually between student and faculty sponsor according to guidelines available from the department. (IRR)

Attributes: UND

1-4 Credits

COMP 49500 Computer Science Capstone (LA)

Students explore connections between the integrative core curriculum, their computer science major, other learning experiences while at Ithaca College or abroad, and future goals. Students create a written reflection that integrates their various learning experiences and how their experience at Ithaca College has prepared them to achieve their future goals. Students also prepare a cover letter, curriculum vitae, and personal statement and identify career opportunities; and develop a showcase electronic portfolio. Prerequisites: Senior Standing; Computer Science and Emerging Media Computation majors only. (F,Y)

Attributes: CP

1 Credit

COMP 49800 Computer Science Internship for Majors and Minors (NLA)

A computer science project (carried out within an organization outside the department) that is not routine, entails significant work experience, and has substantial academic content. The student is responsible for developing a project proposal and completing it in conjunction with a faculty sponsor from the department and a supervisor from the outside organization. At the end of the project, the student shall present a report based on the experience. With departmental approval, up to may be counted as upper-level elective credit toward a major in computer science or mathematics computer science or a minor in the Computer Science Department. Students should have completed three-fourths of the major or minor to be eligible for this opportunity. Prerequisites: Permission of a faculty sponsor. 1-(IRR)

1-12 Credits

Computer Science Major – B.A.

Summary

Code	Title	Credits
	Computer Science B.A. Major Requirements	52-55
	Integrative Core Curriculum Requirements ¹	29-41
	Electives	25-39
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Prerequisite information: A grade of C or better is required for a course in computer science to fulfill a prerequisite for another computer science course.

Code	Title	Credits
CORE COURSES IN THE DEPARTMENT		
COMP 11500	Discrete Structures for Computer Science	4
COMP 17100	Principles of Computing Science I	4
COMP 17200	Principles of Computer Science II	4
COMP 21000	Introduction to Computer Organization and Systems	4
COMP 22000	Introduction to Data Structures	4
COMP 31100	Algorithms and Data Structures	4
COMP 32100	Programming Languages	4
	or COMP 3250C HCI: User Interface Design and Development	
	or COMP 3650C Computer Networks	
	or COMP 3750C Database Systems	
COMP 34500	Introduction to Software Engineering	4
COMP xxxxx	Four elective courses in Computer Science ¹	13-16

Select at least one 4-credit course

Select one course at level-2, 3, or 4

Select one course at level-3 or 4

Select two courses at level-4

COURSES OUTSIDE THE DEPARTMENT

Mathematics		
MATH 11100	Calculus I	4

or MATH 14400 Statistics for Business, Economics and Management

Oral Communication		
Select one of the following:		3
CMST 11000	Public Communication	
CMST 11500	Business & Professional Comm	
CMST 14000	Small Group Communication	

Total Credits 52-55

¹ Students may use only one project course - COMP 27000/COMP 27001, COMP 37000/COMP 37001, or COMP 47000/COMP 47001 taken for at least 3 credits - to fulfill the elective requirement; COMP 49800 cannot be counted as a computer science elective.

Computer Science Major – B.S.

Summary

Code	Title	Credits
	Computer Science B.S. Major Requirements	71-79
	Integrative Core Curriculum Requirements ¹	29-41
	Electives	0-21
Total Credits		121

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Prerequisite information: A grade of C or better is required for a course in computer science to fulfill a prerequisite for another computer science course.

Code	Title	Credits
CORE COURSES IN THE DEPARTMENT		
COMP 11500	Discrete Structures for Computer Science	4
COMP 17100	Principles of Computing Science I	4
COMP 17200	Principles of Computer Science II	4
COMP 21000	Introduction to Computer Organization and Systems	4
COMP 22000	Introduction to Data Structures	4
COMP 31100	Algorithms and Data Structures	4
COMP 32100	Programming Languages	4
	or COMP 3250C HCI: User Interface Design and Development	
	or COMP 3650C Computer Networks	
	or COMP 3750C Database Systems	
COMP 34500	Introduction to Software Engineering	4
COMP 47500	Senior Project	3
COMP xxxxx	Five elective courses in computer science ¹	15-20

Select one course at level-2, 3, or 4

Select two courses at level-3 or 4

Select two courses at level-4

COURSES OUTSIDE THE DEPARTMENT

Mathematics		
MATH 11100	Calculus I	4
MATH 11200	Calculus II	4

MATH 14400	Statistics for Business, Economics and Management	3-4
or MATH 21600 Statistical Analysis		
Laboratory Science Sequence		
Select one laboratory science sequence from the following:		7-8
Sequence I		
PHYS 11700 & PHYS 11800	Principles of Physics I: Mechanics and Principles of Physics II: Electricity and Magnetism	
Sequence II		
CHEM 12100 & CHEM 12200	Principles of Chemistry and Principles of Chemistry Laboratory	
OR		
CHEM 12300	Principles of Chemistry - Enriched Section	
AND		
CHEM 22100	Organic Chemistry I	
Sequence III		
BIOL 12100 & BIOL 12200	Principles of Biology, Cell and Molecular and Principles of Biology, Ecology and Evolution	
Sequence IV		
BIOL 11900 & BIOL 12000	Fundamentals of Biology: Cells and Bodies and Fundamentals of Biology: Ecology and Evolution	
Sequence V		
PHYS 10100 & PHYS 10200	Introduction to Physics I and Introduction to Physics II	
Science Elective		
Select an additional 3-4 credits from the following options:		3-4
BIOL / CHEM / PHYS	Any course required for majors in biology, chemistry, or physics	
MATH 21100	Calculus III	
MATH 23100	Linear Algebra	
Oral Communication		
Select one course from the following:		3
CMST 11000	Public Communication	
CMST 11500	Business & Professional Comm	
CMST 14000	Small Group Communication	
Total Credits		74-82

¹ Students may use only one project course - COMP 370xx, COMP 470xx or COMP 47500 taken for at least 3 credits - to fulfill the electives requirement; COMP 49800 cannot be counted as a computer science elective.

Computer Science Minor

Requirements

An overall average of C (2.00) is required in computer science/mathematics courses used to fulfill the minimum course requirements for the minor. No course, with the exception of COMP 17100, may be

used to satisfy both a computer science minor and any requirements of a mathematics major or minor.

Prerequisite information: A grade of C or better is required for a course in computer science to fulfill a prerequisite for another computer science course.

Code	Title	Credits
COMP 11500	Discrete Structures for Computer Science	4
COMP 17100	Principles of Computing Science I	4
COMP 17200	Principles of Computer Science II	4
COMP 22000	Introduction to Data Structures	4
COMP xxxxx	Select two additional computing courses at level 3 or above ¹	6-8
Total Credits		22-24

¹ Students may use only one project course - COMP 270xx, COMP 370xx, COMP 470xx taken for at least 2 credits - to fulfill the electives requirement; COMP 49800 cannot be counted as a computer science elective. Students completing the Web Programming minor and/or the Game Development minor cannot use COMP 32500 or COMP 33000 as electives in the computer science minor, if those courses are used to satisfy requirements of those minors.

Game Development Minor

Requirements

Prerequisite information: A grade of C or better is required for a course in computer science to fulfill a prerequisite for another computer science course.

Code	Title	Credits
COMP 10600	Multimedia Programming	3
COMP 10700	Introduction to 2D Game Development	4
COMP 17100	Principles of Computing Science I	4
COMP 17200	Principles of Computer Science II	4
COMP 20700	Game Development and Technologies	4
COMP 32500	HCI: User Interface Design and Development ¹	4
or COMP 33000 Introduction to Virtual Reality		
Total Credits		23

¹ Students completing this minor who are also enrolled in the Web Programming minor must take COMP 33000 to complete the Game Development minor.

Web Programming Minor

No additional students are being admitted to this program as of September 3, 2021.

Requirements

Prerequisite information: A grade of C or better is required for a course in computer science to fulfill a prerequisite for another computer science course.

Code	Title	Credits
COMP 10500	Introduction to Website Development	3
COMP 10600	Multimedia Programming	3
COMP 17100	Principles of Computing Science I	4
COMP 17200	Principles of Computer Science II	4
COMP 20500	Advanced Web Programming	4
COMP 32500	HCI: User Interface Design and Development	4
Total Credits		22

Department of Economics

Bachelor of Arts, Bachelor of Science

Shaianne T. Osterreich, Associate Professor and Chairperson

The Department of Economics offers students a flexible and dynamic curriculum. Students start off with a core of foundational courses and then move on to explore how economists consider pressing and complex problems that face the global community every day. With active learning and inclusive pedagogy, our program engages students with topics like climate change, income inequality, or central bank and fiscal policy in times of crisis. Our courses provide broad coverage of cutting edge thinking and scholarship in the discipline. We encourage our majors to develop their own academic pathways through the major that best suit their personal, career, and intellectual goals, whether their interests lie in the area of public policy, economic justice, global economics, or graduate school preparation, or some combination of these.

Requirements for Honors in Economics

All Economics students complete a mentored undergraduate research project as a capstone experience. The honors program is designed to encourage more substantial in-depth study and research at a level that approaches graduate school. In order to graduate with honors, students must first be members of Omicron Delta Epsilon (ODE), the International Honor Society in Economics. The criteria for ODE membership is described below. In addition to being a member of ODE, honors in economics is earned by completing an especially meritorious thesis paper and then present and defend the thesis in front of a panel of Economics faculty. Upon a successful thesis defense, the student will graduate with honors.

To qualify for Omicron Delta Epsilon membership, the following criteria must be met:

- major in economics, applied economics, or mathematics-economics
- have an overall GPA of at least 3.0
- have a GPA of at least 3.3 in economics courses.

Majors & Minors

- Economics Major — B.A. (p. 449)
- Economics Minor (p. 450)

ECON 11500 Current Economic Debates (LA)

The study of economic issues tied to selected topics such as labor relations, unemployment, health care, poverty, discrimination and inequality, globalization and climate change. These will be analyzed from a lens of equity, inclusion, and economic justice. (F,S)

Attributes: 1, SS

3 Credits

ECON 12100 Principles of Macroeconomics (LA)

Introduction to economics as a discipline and as an analytical approach to problem solving. Macroeconomics includes the following topics: production-possibilities frontiers, determination and measurement of national income, business cycles, money and banking, federal reserve system, fiscal and monetary policies, schools of economic thought, business organizations, taxation, social versus private goods, price levels, and applications to current economic problems. (S,Y)

Attributes: 1, QL, SS

3 Credits

ECON 12200 Principles of Microeconomics (LA)

Introduction to microeconomics, with topics such as determination of price by supply and demand, theory of consumer demand and utility, analysis of costs and supply, market structures and industry organization including monopoly, distribution of income, pricing of productive resources (wages, interest, profits, and rents), international economics, comparative economic systems, and applications to current economic problems. (F,Y)

Attributes: 1, QL, SS

3 Credits

ECON 20100 Micro Analysis (LA)

Intermediate microeconomics course on consumer and producer behavior, supply and demand, market analysis, and conditions under which such behavior is socially desirable for the community as a whole. Prerequisites: ECON 12100 and ECON 12200. (F,Y)

Attributes: SS

3 Credits

ECON 20200 Macro Analysis (LA)

Intermediate macroeconomics course on theory and policy related to unemployment, GDP growth, exchange rates, and global trade balances; course will analyze questions from perspectives of the United States, the Eurozone, emerging economies, and developing countries. Prerequisites: ECON 12100 and ECON 12200. (S,Y)

Attributes: SS

3 Credits

ECON 20400 Economics of Health Care (LA)

Introduces students to the health care delivery and financing system in the United States. Uses economic analysis to study current health policy debates including insurance, health care reform in the United States, Medicare, Medicaid, physician payment arrangements and resulting incentives, global comparative health systems, and quality of care. Cross-listed with HLTH 20400; students cannot receive credit for both ECON 20400 and HLTH 20400. Prerequisites: ECON 12200. (S,O)

Attributes: LMEL, LSCO, SS

3 Credits

ECON 22000 Managerial Economics (LA)

The application of microeconomic theories to managerial decisions with respect to production, pricing, auction behavior, and market participation. Topics include pricing and strategy decision making in the context of auctions, perfect competition, and imperfect competition; production and cost considerations; how to influence competitor behavior; how to react to competitor behavior; understanding and applying marginal analysis (e.g., marginal cost, marginal revenue). Prerequisites: ECON 12100 and ECON 12200. Not open to students who have earned credit for FINA 30100. (S)
3 Credits

ECON 22100 Money and Banking (LA)

Descriptive and theoretical treatment of money, banking, and credit phenomena in the United States. Monetary media, monetary standards, credit instruments, commercial and central banking operations, organization and operation of the Federal Reserve System, international monetary mechanisms, monetary theory, and past and present monetary policies. Prerequisites: ECON 12100 and ECON 12200. (F,Y)
Attributes: SS
3 Credits

ECON 24000 Inequality (LA)

Introduction to the issue of inequality from an economic perspective. Topics include inequality measurement, the causes and consequences of high inequality, the socioeconomic dimensions of inequality, and potential policy solutions. The class will cover case studies from the U.S. and other high income countries, as well as developing countries. Prerequisites: ECON 12100 and ECON 12200. (IRR)
3 Credits

ECON 25000 Race and Economic Power (LA)

This course explores historical patterns and current trends of race and ethnicity based wealth gaps in the United States. Topics include slavery, immigration, residential segregation, discrimination in lending and employment, and the role of the government in perpetuating or challenging various dimensions of racial wealth inequality. Prerequisites: Any 100-level ECON course. (IRR)
Attributes: DV
3 Credits

ECON 27000 Women and Economics (LA)

Introduction to economic issues related to women's roles in household, domestic, and global economies. Topics include sex segregation on the job, the low wages of women, discrimination, the economics and policies of family care, and the industrialization of housework and child care. The class will cover case studies from the U.S., Europe, as well as developing countries. Prerequisites: ECON 12100 and ECON 12200. (IRR)
Attributes: AN3, LMEL, LSCO, SS, WGS
3 Credits

ECON 28100 Environmental Economics (LA)

Introduction to the study of environmental problems with the perspective, analytical ideas, and methodology of economics. Emphasis is placed on the analysis of environmental policy. Topics include the relationship between economic activity and environmental quality, the role of economic analysis in environmental policy decisions, economic analysis of pollution control strategies, and economic analysis of environmental policy in both the United States and the international community. Cross-listed as ENVS 28100; students cannot receive credit for ENVS 28100. Prerequisites: ECON 12200. (S)
Attributes: AN3, H, LMEL, LSCO, SS
3 Credits

ECON 28800-28807 Selected Topics: Economics (LA)

Topics will vary. Prerequisites: ECON-12100 - ECON-12200. (IRR)
Attributes: SS
1-3 Credits

ECON 29000 Microeconomic Market Simulations (LA)

Application of microeconomic theory of firm behavior using computerized simulations. Case studies of different industries vary by semester. May be repeated for up to three credits. Prerequisites: ECON 12200. (F-S,Y)
1 Credit

ECON 30100 Labor Economics (LA)

Presents the economics of labor through concepts such as human capital or resources; factors of production; market forces; employed, unemployed, minority, majority, union, nonunion, theory, and evidence, and their relevance to public policy decisions. Prerequisites: ECON 20100. (F,Y)
Attributes: SS
3 Credits

ECON 31200 Economic Development (LA)

Examination of economic change in developing countries. An evaluation of the goals of current development policy at national and international levels. Alternative models of the development process are analyzed and evaluated on the basis of how well the models actually performed in developing countries. Discussion of the feasibility of policy options, given global and internal social and political conditions. Different regions of the world are emphasized based on class interest. Prerequisites: Any 20000-level ECON course. (IRR)
Attributes: ENSS, ESSS, INBG, SS
3 Credits

ECON 32200 Monetary Theory and Policy (LA)

Analysis of money and the monetary system in determining the level, composition, and growth of national income and the price level. Alternative theories of the supply and demand for money and the determination of interest rates. Appraisal of the impact of monetary policy on unemployment, inflation, and economic growth. Strategies of monetary policy management, including analysis of policy targets and indicators, and contemporary policy decision making. Comparison of monetary policy with other stabilization policies, including fiscal policy, incomes policies, and indexing. Prerequisites: ECON 22100 or FINA 20300. (S,Y)
Attributes: SS
3 Credits

ECON 32500 Public Finance (LA)

Study of the public sector's policy in budgeting, taxing, and spending, and an analytical assessment of the impact of fiscal policy from the point of view of macroeconomic objectives and welfare criteria. Planning programming budgeting systems. Prerequisites: ECON 20100. (S,Y)
Attributes: SS
3 Credits

ECON 33300 Econometrics I (LA)

Statistical methods, simple and multiple regression analysis, and forecasting techniques applied to economic analysis. Exposure to statistical and econometric packages. Prerequisites: ECON 12100; ECON 12200; MATH 14400 or MATH 14500, or MATH 21600 or MATH 31600. (F,Y)
Attributes: SS
3 Credits

ECON 33400 Econometrics II (LA)

Advanced topics in econometrics, including problems in regression (multicollinearity, autocorrelation, heteroscedasticity), tests of linear restrictions, dummy variables, distributed lags, and simultaneous-equation models. Exposure to econometric computer packages.

Prerequisites: ECON 33300. (S,E)

Attributes: SS

3 Credits

ECON 36500 Sport Economics (LA)

Application of economic theory to the markets of professional and amateur sports. This course applies economic principles to analyze a wide range of issues within the realm of professional sports and intercollegiate athletics. Included are the analysis of labor markets and labor relations, public finance of sports facilities, and the organization of sports institutions. Students cannot also receive credit for SPMM 36500.

Prerequisites: SMGT 11000; ECON 12100; and ECON 12200. (F,Y)

Attributes: SS

3 Credits

ECON 36800 Globalization and Human Development (LA)

This course provides a working knowledge of contemporary issues related to globalization. The emphasis is on analysis of arguments concerning the linkages between trade and financial liberalization, economic growth, poverty alleviation, and well-being. Prerequisites: Any 20000-level ECON course. (F,Y)

Attributes: AN3, DV, G, INBG, LAEL, LAGC

3 Credits

ECON 37200 Industrial Organization Economics (LA)

Extends and refines the economic theory of the firm to which students are exposed in economics principles courses. Drawing empirical evidence primarily from U.S. industries, it examines theories concerning the motives of firms, barriers to entry, product differentiation, and interdependence among firms. It also examines U.S. antitrust policy and regulatory issues. Prerequisites: ECON 20100. (F or S,Y)

Attributes: SS

3 Credits

ECON 38200 Economics of Growth (LA)

Analysis and description of the process of economic growth. A study of the role of government policy in affecting the growth of national output and the growth of factors of production that will sustain growth of national output. Topics include determinants of saving, investment in human and nonhuman capital, measurement of productivity of resources, and description of the generalized resource known as total factor.

Prerequisites: ECON 20200; MATH 10800 or MATH 11100. (F,Y)

Attributes: SS

3 Credits

ECON 38500 International Economics (LA)

Study of international trade patterns, gains from trade, and international investment, both private and government. Issues discussed include pros and cons of free trade, tariffs, bi-lateral and multi-lateral trade agreements, and the World Trade Organization. Prerequisites: ECON 20200. (S,Y)

Attributes: G, GERM, LAEL, LAGC

3 Credits

ECON 39200 Senior Economics Thesis Prep (NLA)

Prepares Economics, Applied Economics, and Math-economics majors for the required Senior Thesis course, ECON 49200. Building on experiences in previous courses the class will introduce students to research methods to assist in the writing of their capstone projects.

Covers topic selection, scholarly databases, literature reviews, data collection, and citation style. Prerequisites: Junior standing; Economics, Applied Economics, and Math-Economics majors only. (S-Y)

1 Credit

ECON 41300 Economic Fluctuations and Forecasting (LA)

This course examines a variety of theories that explain the nature of economic fluctuations. The history of expansions and recessions in the United States is reviewed. Statistical techniques for forecasting the major macroeconomic variables are presented in detail. Various forecasting strategies, such as large-scale econometric models and the leading indicators, are evaluated. Prerequisites: ECON 20200; ECON 33300. (S,O)

Attributes: SS

3 Credits

ECON 49000 Internship: Economics (NLA)

Designed to offer applications of economic concepts. Business, banking, law, government, and not-for-profit agencies provide the settings. The student is expected to prepare a log of activities, an interim report, and a final report consisting of an economic analysis of the internship experience. All guidelines of the School of Humanities and Sciences must be followed. Prerequisites: Permission of instructor. (F-S,Y)

1-12 Credits

ECON 49200 Senior Thesis in Economics (LA)

Guided research, study, and writing on subjects selected by faculty-student consultation. Prerequisites: ECON 20100, ECON 20200, ECON 33300, and ECON 39200; senior standing. (F,S -Y)

Attributes: UND

3 Credits

ECON 49900 Independent Study: Economics (LA)

Program of special reading and research under supervision of the department. Offered on demand only. Prerequisites: ECON 12100-12200; senior standing; or by special permission of the department.

Attributes: UND

1-4 Credits

Economics Major – B.A.

Summary

Code	Title	Credits
	Economics B.A. Major Requirements	44-45
	Integrative Core Curriculum Requirements ¹	29-41
	Electives	33-47
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

No more than one grade below C- is allowed in courses required for the B.A. in economics.

Code	Title	Credits
CREDITS IN THE DEPARTMENT		
ECON 11500	Current Economic Debates	3

ECON 12100	Principles of Macroeconomics	3
ECON 12200	Principles of Microeconomics	3
ECON 20100	Micro Analysis	3
ECON 20200	Macro Analysis	3
ECON 33300	Econometrics I	3
ECON 39200	Senior Economics Thesis Prep	1
ECON 49200	Senior Thesis in Economics	3
ECON xxxxx	Economics electives (no more than 3 credits of ECON 49000 Internship may count toward the major)	15
MATHEMATICS REQUIREMENTS		
MATH 10800	Applied Calculus or MATH 1110C Calculus I	4
Select one statistics course from the following:		3-4
MATH 14400	Statistics for Business, Economics and Management	
MATH 14500	Statistics for the Health, Life, and Social Sciences	
MATH 21600	Statistical Analysis	
MATH 31600	Probability	
Total Credits		44-45

Economics Minor

Requirements

Code	Title	Credits
ECON 12100	Principles of Macroeconomics	3
ECON 12200	Principles of Microeconomics	3
ECON xxxxx	Economics electives	12
MATH xxxxx	Mathematics electives	4
Total Credits		22

Department of Education

Sara Levy, Associate Professor and Department Chairperson

The Department of Education coordinates all teacher education programs, both undergraduate and graduate, for the School of Humanities and Sciences. In addition to providing courses required for H&S teacher education programs, the department offers a minor in Education Studies, a number of open elective courses, and core professional education coursework for teacher education programs offered in the other schools. The department promotes educational outreach for teacher education programs campus-wide by sponsoring seminars, workshops, and conferences for teachers and prospective teachers. It administers a number of formal partnerships with area schools, including Partnership in Teaching, Ithaca College-South Hill School Partnership, Ithaca College-Boynton Middle School Partnership, and the Ithaca College-Frederick Douglass Academy Partnership.

The Office of Teaching and Certification, located in the Department of Education, assists all teacher education students with issues pertaining to teacher certification. The department also maintains data on all student teacher placements, facilitates mentor-teacher payments, coordinates accreditation of the teacher education programs, and serves as the chief liaison with the New York State Education Department on all teacher education matters.

Unit-Wide Assessment Systems in Ithaca College Teacher Education Programs

The All-College Teacher Education Unit at Ithaca College requires all teacher education students, regardless of program area, to be reviewed at four programmatic transition points during their course of study. Continuation in a teacher education major is contingent upon the student successfully meeting the requirements of each transition point review; therefore, admission into one of the Ithaca College Teacher Education Program majors at admission or upon transfer to the College does not guarantee that a student will be allowed to participate in the semester-long student teaching/externship experience or to be a program completer eligible for teaching certification. The four unit-wide assessment reviews students must successfully complete occur at the following transitions in a student's program:

1. Admission to Professional Education;
2. Admission to Student Teaching/Externship;
3. Completion of Student Teaching/Externship; and
4. Completion of Program.

As part of these reviews, student progress in meeting the Ithaca College teacher education program standards, the New York State Teaching Standards, the IC Teacher Education Professional Qualities and Dispositions, and, if applicable, the standards of the relevant Specialized Professional Association is assessed by program-specific reviewers. Specific details about programs' particular requirements and procedures, including supports for students who do not meet the criteria for a review, may be found in the handbooks of individual teacher education programs.

Minors

- Education Studies Minor (p. 454)

There are ten teaching option majors in the School of Humanities and Sciences that all share a set of "Core Education Requirements":

- Art Education (p. 403)
- Biology (p. 421)
- Chemistry (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/departments-chemistry/chemistry-major-ba-teaching-option/>)
- English (p. 487)
- French (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/departments-modern-languages-literatures/french-major-ba-teaching-option/>)
- German (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/departments-modern-languages-literatures/german-major-ba-teaching-option/>)
- Mathematic (p. 495)s
- Physics (p. 513)
- Social Studies (p. 475) (in the History Department)
- Spanish (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/departments-modern-languages-literatures/spanish-major-ba-teaching-option/>)

Core Education Requirements

Code	Title	Credits
EDUC 10200	Reading Foundations	2
EDUC 20200	Literacy Across the Disciplines for Middle and Secondary Education	2
EDUC 20100	Technology for the Middle/Secondary School Teacher	2
EDUC 21010	Educational Psychology	3
EDUC 21800	Introduction to Pedagogy and Practice	3
EDUC 21910	Early Field Experience: Theory and Practice	3
EDUC 22900	Second Language Acquisition: Its Nature and Meaning for Educators	2
EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education	3
EDUC 40800	Professional Development Seminar	0
Select one of the following:		3-4
EDUC 40510	Pedagogy and Practice for the Mathematics Teacher	
EDUC 40910	Pedagogy and Practice in the Teaching of Social Studies	
EDUC 41010	Pedagogy and Practice for the Science Teacher	
EDUC 41110	Pedagogy and Practice for the English Teacher	
EDUC 41310	Pedagogy and Practice of Teaching Languages Other Than English	
EDUC 41410	Pedagogy and Practice for the Art Teacher	
EDUC 41210	Seminar in Reflective Practice	3
EDUC 49810	Professional Semester in Education	12
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
Total Credits		41-42

Additional Education Requirements

1. All teaching-option students must successfully complete a year of college-level study in a language other than English or demonstrate equivalent proficiency. Some departments require two years of language study; consult departmental requirements.
2. All teaching-option students must successfully complete a writing course numbered WRTG 10600 or above.
3. All teaching-option students must maintain a minimum overall G.P.A. of 3.0 as well as a G.P.A. of 3.0 in their subject area coursework.
4. Students must earn a grade of B or better in all EDUC courses in the Education Core to qualify for student teaching. A grade of B- does not qualify.

5. EDUC 49810 and EDUC 41210 constitute a full course load during the student-teaching semester. No additional courses may be taken nor can teacher candidates participate in extra-curricular activities that have the potential to affect time for teaching and preparation.
6. During the semester of student teaching, the student may not play a college sport.
7. All candidates for initial certification must successfully complete all New York State Certification tests or performance assessments required by the state for the applicant's intended teaching certificate (type, grade levels, and subject areas).
8. The department chair and the coordinator of teacher education in the subject area must approve any exceptions to the above requirements.
9. The All-College Teacher Education Unit at Ithaca College requires teacher education students, regardless of program area, to be reviewed at four programmatic transition points during their course of study. Continuation in a teacher education major is contingent upon the student successfully meeting the requirements of each transition point review; therefore, admission into one of the Ithaca College Teacher Education Program majors at admission or upon transfer to the College *does not guarantee* that a student will be allowed to complete the program required for teaching certification.

Teacher education programs in other schools have different Core Education Requirements; see each program for details. School of Health Sciences and Human Performance

- Health Education (p. 345)
- Health Education and Physical Education (p. 347)
- Physical Education (p. 348)

School of Music

- Music Education (p. 592)
- Performance/Music Education (p. 592)

EDUC 10200 Reading Foundations (LA)

Study of research and theory related to literacy development, early childhood through adolescence. Includes attention to literacy in families and communities, literate practices inside and outside of classrooms, biliteracy and literacy across cultures, psycholinguistic theories of reading, reader response, and the research on literacy methods, curricula, and texts commonly used in classrooms. (F-S, Y)

Attributes: SS

2 Credits

EDUC 19210 Child Abuse Identification and Prevention (NLA)

A two-hour workshop on child abuse identification and prevention.

Offered at least once each semester. Pass-Fail only. (F-S)

0 Credit

EDUC 19220 Drug and Alcohol Abuse: Identification and Prevention (NLA)

A two-hour workshop on the identification and prevention of drug and alcohol abuse. Offered at least once each semester. Pass-Fail only. (F-S)

0 Credit

EDUC 19230 School Violence Prevention (NLA)

A two-hour workshop on school violence prevention. Offered at least once a semester. Pass-fail only. Zero credits. (F-S, Y)

0 Credit

EDUC 19240 Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention (NLA)

A six-hour workshop on harassment, bullying, cyberbullying, and discrimination prevention and intervention. Offered at least once per semester. Pass-Fail only. (F-S)
0 Credit

EDUC 20000 Education and Society (LA)

Open elective for students interested in exploring educational issues and the interaction between schools and society. Includes study of the history and philosophy of U.S. education, educational systems in other countries, and research and opinion concerning contemporary educational policy and practice. Students use course materials as a lens for reflecting on their own school experience and for developing informed positions about how to improve U.S. schools. (F-S)

Attributes: 1, AN3, H, SS

3 Credits

EDUC 20100 Technology for the Middle/Secondary School Teacher (NLA)

Introduction to the concepts and skills necessary for applying/using information technology in educational settings. Topics include basic computer/technology operations and concepts, terminology, modes of access, manipulation of data, installation and use of software, basic troubleshooting, use of a variety of peripheral devices, social and ethical issues, and the pedagogical use of various technologies. Projects require integrating and applying concepts and skills developed in the course to students' fields in the teaching profession. Prerequisites: Sophomore standing and open only to students in teacher education programs and speech-language pathology. (F,Y)

2 Credits

EDUC 20200 Literacy Across the Disciplines for Middle and Secondary Education (NLA)

Offers prospective middle- and secondary- level teachers with understandings and analysis of teaching methods used to facilitate content-specific literacy. Helps students recognize and identify the nuances of a discipline by using literacy strategies that make thinking visible. Topics include how to foster disciplinary literacy, Common Core State Standards for literacy in the subject areas, media literacy, sociocultural literacy, and recognizing and planning for culturally and linguistically diverse classrooms. Required 15 hour field experience.

Prerequisites: EDUC 10200. (F,S,Y)

2 Credits

EDUC 21010 Educational Psychology (LA)

Study of human development from infancy through adolescence, including cognitive and behavioral approaches to learning in the context of school and other instructional situations. Attention given to the empirical (scientific) attitude in relating theory and practice in various educational settings. Prerequisites: Sophomore standing. (F-S,Y)

Attributes: 1, SS, TE

3 Credits

EDUC 21800 Introduction to Pedagogy and Practice (NLA)

Theory and practice in teaching across the disciplines in secondary schools. Emphasis on instructional planning, models and processes of teaching, classroom management, and the assessment of student learning. Introduction to structured observation and reflective practice. Prerequisite: Sophomore standing and enrollment in an H&S teaching option major or the Education Studies Minor. (F,Y)

3 Credits

EDUC 21910 Early Field Experience: Theory and Practice (LA)

Introduces students to public and/or private education system in an extended field experience; each student completes 50 hours of fieldwork in an educational setting. This is a coordinated offering of Ithaca College and the area schools. Prerequisites: EDUC 19210, EDUC 21010, sophomore standing; open only to H&S teaching option majors and Speech-Language Pathology and Audiology majors. (F-S,Y)

Attributes: TE, UND

3 Credits

EDUC 22000 Issues in Elementary Education (LA)

Investigates contemporary issues in elementary education, including historical development of elementary classroom practice (emphasis on reading instruction); philosophical and psychological theories of learning; women's role in elementary school teaching; children's literature and storytelling in child development; impact of societal problems on children and families; media literacy initiatives in elementary schools; assessment practices; conflict resolution; family involvement in children's schooling; multicultural understandings; calls for, and examples of, school reform.

Prerequisites: Sophomore standing or above. (F-S,Y)

Attributes: SS

3 Credits

EDUC 22500 Cultural & Linguistic Diversity in K-12 Schools (LA)

This course guides students in developing a knowledge base about culturally and linguistically diverse students in K-12 schools in the United States. Examines major theories related to educating immigrant students as well as a culturally and linguistically diverse student population and engages students in critical analysis of education policy and practice at the institutional level. Prerequisites: Sophomore standing. (Y)

Attributes: AN3, DV, HM, SO, TIDE, TPJ

3 Credits

EDUC 22900 Second Language Acquisition: Its Nature and Meaning for Educators (LA)

A comparison of first- and subsequent-language learning as it affects the school-age population. The sociocultural nature of language and language acquisition is addressed, as well as specific needs in the multicultural classroom. The multifaceted fundamentals surrounding the nonnative speaker and second-language learning are provided to prepare the student to understand the paradigm shifts that have resulted from demographic changes in this country. This course requires 16-20 hours of field experience and/or observation. Prerequisites: Sophomore standing. (S,Y)

Attributes: SS, TE

2 Credits

EDUC 23900 Educating Students with Special Needs in Diverse Classrooms (LA)

Introduces future educators to special populations of children encountered in diverse mainstream classrooms. Considers the characteristics of various special populations, including orthopedic impairments, mental retardation, autism, hearing and vision impairment, traumatic brain injury, ADHD, and learning disabilities. Reviews federal mandates, legal issues, family issues, school personnel collaboration, and education methodologies. This course requires 15 hours of field. Open only to teacher education students in the School of Humanities and Sciences and the School of Music. Prerequisites: Sophomore standing. (F-S,Y)

Attributes: TE, UND

3 Credits

EDUC 29000-29010 Special Topics in Education (LA)

Investigation of selected topics in the field of education as determined by specialized faculty research, teaching interests, and trends. Prerequisites: Sophomore standing. (IRR)

Attributes: UND

3 Credits

EDUC 29900 Research Project in Education (LA)

Individual or research team study, under the supervision of a faculty member, to explore issues in education. Written proposal to the Chair of the Education Department and the faculty supervisor, describing the terms of the research project, is required. This course may be repeated for a total of Prerequisites: Sophomore standing and permission of instructor. (F-S)

Attributes: UND, WGS

1-3 Credits

EDUC 34000 Social and Cultural Foundations of Education (LA)

Required for all students in teacher certification programs, but open to other students as well. Combines historical, philosophical, sociological, and anthropological perspectives to investigate contemporary social and cultural issues in education and teaching. Provides preparation for critically reflective decision making and for working effectively with diverse students and communities. Topics include equal educational opportunity; the financing of U.S. schools; tracking/ability grouping; the sociocultural dynamics of teaching and learning; multicultural education; social class issues; gender bias and equity; the experiences of African American, Latino, Asian American, and linguistic minority students in U.S. schools; educating students with disabilities; the role of religion in U.S. schools; issues of sexuality; working with families and communities; developing schools as caring learning communities; effective uses of technology; and recent proposals for school reform. Prerequisites: Sophomore standing. (F,S)

Attributes: 1, AN3, CNSL, DV, H, LAEL, SS, TE

3 Credits

EDUC 34100 Science, Technology, and Society (LA)

Examines the relationship between scientific knowledge, technological innovations and systems, and society by examining the history of technology and science, the social contexts in which science and technology occur, the organizations of people and things that make up science and technology systems, and the social and cultural consequences of scientific and technological change. Intended for teacher education students in the School of Humanities and Sciences. Prerequisites: Junior standing. (IRR)

Attributes: NS

1 Credit

EDUC 36000 Education for Social Change (LA)

Examination of schools and teaching as forces for constructive social change, investigating how educators can create learning experiences in schools, classrooms, youth programs, and communities that will contribute to the school success of all youth and the development of a more equitable and just society. Particular attention paid to democratic approaches to teaching and learning; multicultural education; critical reflection; experiential learning; youth activism; community-based education; and innovative uses of technology. Class discussion and weekly volunteer projects. Prerequisites: Sophomore standing or above; EDUC 21010, EDUC 34000. (IRR)

3 Credits

EDUC 37000 Culture and Community in Education and Teaching (LA)

A sociocultural analysis of schools, teaching, and learning for the purpose of creating more effective educational experiences for culturally diverse learners. Students learn to incorporate knowledge about race, ethnicity, social class, gender, and other important aspects of culture into the design of schools and educational programs and lessons. Particular attention is given to cultural information about African American, Latino, and Asian American youth and families. All students in the course work a minimum of three hours a week with youth in a community program or school and develop projects specific to their interests and community placements. Prerequisites: either EDUC 34000, or two courses from among the following: EDUC 20000, EDUC 22000, EDUC 36000, EDUC 21010, SOCI 11600, SOCI 20700, SOCI 32500, ANTH 10400, and ANTH 31000 and junior standing; or permission of instructor (interested juniors and seniors who do not have the prerequisites are encouraged to contact the professor).

Attributes: 1, AN3, CNSL, SS, WGS, WGS3

3 Credits

EDUC 40510 Pedagogy and Practice for the Mathematics Teacher

Examination of current research and practice in the effective teaching of mathematics at the middle and high school levels. Focus on national and state standards in mathematics, instructional planning and differentiation, appropriate uses of technology, approaches to assessment, and the integration of literacy into the mathematics curriculum. Introduction to professional organizations, journals, and research. Twenty-hour field experience required. Prerequisites: Senior standing; open only to math with teaching option majors. (F,Y)

Attributes: TE

3 Credits

EDUC 40800 Professional Development Seminar (NLA)

Seminar in the development of a personal philosophy of education and the preparation of a professional portfolio. Analysis of fall semester field-based experiences and professional program advising. Prerequisite: Senior standing. Pass-Fail only. (F, Y)

0 Credit

EDUC 40910 Pedagogy and Practice in the Teaching of Social Studies (NLA)

Examination of current research and practice in the effective teaching of social studies at the middle and high school levels. Focus on national and state standards in social studies, mastery of theoretical concepts and their application in the classroom, instructional planning and differentiation, appropriate uses of technology, approaches to assessment, and the integration of literacy in the social studies curriculum. Introduction to professional organizations, journals, and resources. Twenty-hour field experience required. Prerequisites: Senior standing; open only to social studies with teaching option majors. (F,Y)

Attributes: TE, UND

3 Credits

EDUC 41010 Pedagogy and Practice for the Science Teacher (NLA)

Examination of current research and practice in the effective teaching of science at the middle and high school levels. Focus on national and state standards in science, instructional planning and differentiation, appropriate uses of technology, approaches to assessment, laboratory organization and safety, and the integration of literacy in the science curriculum. Twenty-hour field experience required. Prerequisites: Senior standing; open only to biology with teaching option, chemistry with teaching option, or physics with teaching option majors. (F,Y)

Attributes: TE, UND

3 Credits

EDUC 41110 Pedagogy and Practice for the English Teacher (NLA)

Examination of current research and practice in the effective teaching of English at the middle and high school levels. Focus on national and state standards in English language arts, instructional planning and differentiation, appropriate use of technology, approaches to assessment, and support for students' literacy development. Introduction to professional organizations, journals and resources. Twenty-hour field experience required. Prerequisites: Senior standing; open only to English with teaching option majors. (F,Y)

Attributes: TE, UND
3 Credits

EDUC 41210 Seminar in Reflective Practice (LA)

Taken concurrently with EDUC 49810. Serves as the reflective component of student teaching, where students will analyze their teaching and identify how to use community-based assets to enhance their students' learning. Students develop culminating projects that require reflection and that demonstrate professional knowledge, skills, and dispositions required by the program and state. Prepares student teachers for the professional job search and offers preparation for future professional growth. Corequisites: EDUC 49810. (S,Y)

Attributes: TE
3 Credits

EDUC 41300 Selected Topics in the Foundations of Modern Education (LA)

Seminar course. Specialized inquiries in sociology of education, philosophy of education, or history of education. (IRR)
Attributes: HU, SS
3 Credits

EDUC 41310 Pedagogy and Practice of Teaching Languages Other Than English (NLA)

Examination of current research and practice in the effective teaching of languages other than English at the middle and high school levels. Focuses on national and state standards in the teaching of modern languages, instructional planning and differentiation, appropriate uses of technology, approaches to assessment, and issues related to second language development and literacy development. Introduction to professional organizations, journals and resources. Twenty-hour field experience required. Prerequisites: Senior standing; open only to German with teaching option, French with teaching option, and Spanish with teaching option majors. (F,Y)

Attributes: TE, UND
3 Credits

EDUC 41410 Pedagogy and Practice for the Art Teacher (NLA)

Examines the teaching of visual art to students at the elementary, middle, and secondary levels. This course will provide grounding in the history of art education in the United States, current theory and practice teaching art, and artistic development in children and adolescents. Emphasis is placed on the New York State standards in the visual arts for development of art lessons that contain relevant objectives, motivation, methodology, and evaluation techniques. Various art materials, techniques, and processes suitable for k-12 levels will be examined. Additional topics are incorporating art history, aesthetics, and art criticism in the curriculum; health and safety issues of art materials; art room organization; selecting and ordering supplies; and fostering professionalism. This course also provides practice in developing teaching skills through presentation of lesson plans in various media at the elementary, middle, and secondary levels. Twenty hours of observation and fieldwork in local public schools are required. Prerequisites: Senior standing; open only to art education majors (F,Y)
4 Credits

EDUC 49600 Senior Seminar in Education Studies (LA)

Synthesizes key understandings from across the Education Studies Curriculum by engaging students in reflection on their program. Students complete a culminating project that represents their development across the minor, the themes across their coursework, and key understandings related to sociocultural issues in education, engagement with communities, and education in the service of social justice. (Y)
1 Credit

EDUC 49700 Fieldwork in Education (NLA)

Directed fieldwork under a teacher education program faculty member's supervision, culminating in a major paper or comparable product. Written proposal to the teacher education program, describing the terms of the particular project, is required. Open only to juniors and seniors who have completed one or more courses at level 3 or 4 in education. Prerequisites: Permission of instructor. Variable credit. (F-S)
1-9 Credits

EDUC 49810 Professional Semester in Education (NLA)

Taken concurrently with EDUC 41210. A full semester of observation and supervised teaching at both the middle and high school levels. Additional coursework requires permission of department chair and coordinator of teacher education. Corequisites: EDUC 41210. (F-S,Y)
Attributes: TE, UND
12 Credits

EDUC 49900 Independent Study in Education (LA)

Study with a faculty member of specific problems in education. Written proposal to the coordinator of the teacher education program, describing the terms of the particular project, is required. May be repeated up to six credits. Prerequisites: Permission of instructor. (IRR)
0.5-4 Credits

Education Studies Minor

The minor in Education Studies allows students to tailor an 18 credit program to their unique interests, which may include a future in P-12 schooling, higher education, community-based learning initiatives, or other careers where an awareness of education-related issues is crucial.

The sequence includes core courses in educational psychology and the social and cultural foundations of education. Working closely with an advisor from the Education Department, students select at least 11 credits of additional coursework from approved options to fulfill the minor. These options are designed to help a student, with the advisor's counsel, to create a meaningful course sequence that will help fulfill the student's academic or pre-professional goals. The program concludes with a Capstone experience in the senior year, during which students synthesize key understandings from across their programmatic curriculum

In keeping with the mission and vision of the Education Department of Ithaca College, a focus on education as a vehicle for social justice will be emphasized across the program.

Minor Requirements

Code	Title	Credits
CORE COURSES		
All students in the minor are required to complete the following three core courses, worth a total of 7 credits.		
EDUC 21010	Educational Psychology	3
EDUC 34000	Social and Cultural Foundations of Education	3

EDUC 49600 Senior Seminar in Education Studies 1

RESTRICTED ELECTIVES

Students select a minimum of 11 credits from the following courses (note: some courses may have additional prerequisites): 11

ANTH 25000	Human Biological Diversity
CMST 11500	Business & Professional Comm
CSCR 43300	Education, Oppression, and Liberation
EDUC 10200	Reading Foundations
EDUC 20000	Education and Society
EDUC 21800	Introduction to Pedagogy and Practice
EDUC 21910	Early Field Experience: Theory and Practice
EDUC 22000	Issues in Elementary Education
EDUC 22900	Second Language Acquisition: Its Nature and Meaning for Educators
EDUC 23900	Educating Students with Special Needs in Diverse Classrooms
EDUC 29900	Research Project in Education (No more than 3 credits of this course may be counted towards the minor)
EDUC 290xx	Special Topics in Education
EDUC 37000	Culture and Community in Education and Teaching
EDUC 49700	Fieldwork in Education
ENGL 35100	Studies in Young Adult and Children's Literature
ENGL 38700	Teaching Literature in Middle School and High School
HLTH 11000	War, Hunger, and Genocide: An International Health Perspective
MATH 16300	Numbers in Education
MATH 22000	Mathematics for Childhood Education
PHIL 26000	Difference and Community
POLT 23000	The Holocaust
POLT 33500	Crossing Borders/Global Migration
PSYC 10400	Introduction to Developmental Psychology
STCM 21000	Instructional Design
WGST 22000	Queer Studies

Total Credits 18

Department of Environmental Studies and Sciences

Bachelor of Arts, Bachelor of Science

Christopher W. Sinton, Associate Professor and Chairperson

The Environmental Studies and Sciences Department at Ithaca College takes a two-pronged transdisciplinary approach to the study of human-environment interactions and sustainability. The Environmental Science (B.S.) major is rooted in the physical and biological sciences, but also has opportunities for students to take courses in environmental humanities and social sciences. The Environmental Studies (B.A.) major is focused on contemporary environmental humanities, policy, and social science, but also requires courses that build literacy in environmental science. The

minor in Environmental Studies is attractive to students majoring in other fields who wish to build literacy in environmental issues or apply their disciplinary knowledge to environmental problems.

We are a highly interactive department in which our faculty and students participate in a close-knit community both inside and outside the classroom. One of the great strengths of the department is a focus on active teaching and learning in the field and lab. Our "living classrooms" include several productive gardens and a 600-acre conservation reserve system with student-managed trails, a working sugarbush, and carbon sequestration measurement. Many students engage with the broader Ithaca community through internships and other service-learning experiences. Our undergraduate online journal of environmental change, *Alluvian*, offers students a chance to write about environmental issues on themes ranging from urban environments, to bugs, soils, and fungus, to climate change - and to work on a publication with an experienced editor.

Students also have the opportunity to work with faculty and to design their own projects in a range of research areas. Our students have studied emerging contaminants in Cayuga Lake, monitored fish populations in local streams, conducted water quality tests in natural springs, conducted archaeological research in Mexico, experimented with land and forest management on our own campus, designed sustainability programs on campus and in the global south, mined local natural history archives to understand environmental history in Ithaca, and created models of communication and policy to address environmental issues.

Majors & Minors

- Environmental Studies Major — B.A. (p. 459)
- Environmental Science Major — B.S. (p. 460)
- Environmental Studies Minor (p. 461)

ENVS 10400 Intro Gardening & Permaculture (NLA)

Hands-on course examining the intersection of gardening with social, economic, and biological systems. Readings combined with experiential projects including field trips, with a focus on building foundational skills through work in the IC student garden. (F, IRR)

Attributes: ESTS

1 Credit

ENVS 11000 The Environmental Crisis: Causes and Solutions (LA)

Course provides basic literacy to understand the current environmental crisis, covering such topics as energy, population growth, climate change, biodiversity loss, resource exploitation, food production, and toxics.

Course also investigates potential solutions to minimize impact on the personal, regional, national, and international scales. (S,Y)

Attributes: ABSS, LMEL, LMSP, LSCO, SC, SO, TQSF, TWOS

3 Credits

ENVS 11200 Sustainability Principles and Practice (LA)

This course is designed to introduce students to the history and principles of sustainability as a new approach to addressing complex societal and environmental issues. The class will use a broad definition of sustainability, considering ecological, social, economic, political issues, and community and individual health. These components will be examined using a systems perspective that stresses their interrelatedness. (F,S,Y)

Attributes: ABSS, AN3, LMEL, LMSP, LSCO, SC, SO, TPJ, TQSF

3 Credits

ENVS 11900 Introduction to Environmental Humanities (LA)

Introduction to the ways that humanistic disciplines (literature, religion, philosophy, history, art history) contribute to an understanding of human-environment relationships. Explores how human values toward the natural world are developed and expressed; the importance of language and storytelling in guiding human attitudes and behavior toward the environment; and the ways that the humanities can inform the theory and practice of the sciences and social sciences. (F,S)

Attributes: ABSS, AN2, AN3, HM, TQSF

4 Credits

ENVS 12000 Environmental Sentinels (LA)

Field-based course that focuses on natural history, biodiversity, and development of the ability to perceive subtle changes in the environment. Primitive technology skills (friction fires, natural rope, medicinal plants, tracking, etc.) and field identification will be emphasized. Blending these skills and the approaches of deep wilderness awareness, students develop an ability to read land-use history and an appreciation for modern ecological science and natural resource management. Intended for environmental science and studies majors. (F,Y).

Attributes: ABSS

4 Credits

ENVS 12100 Introduction to Environmental Science and Technology (LA)

This course will focus on the scientific principles and technological advanced fundamental to understanding human impact on the environment. We will investigate how technology contributes to as well as reduces our impact on the environment. Topics include global climate change, water quality and availability, air quality, sustainable food production, biodiversity loss, and chemical and biological waste remediation. We will tie together the political, social, and economic aspects of environmental studies using a global perspective. (S,Y)

Attributes: ABSS

4 Credits

ENVS 14200 Wildlife Tracking and Nature Observation (LA)

This field-based course focuses on development of skills of nature observation and animal tracking in the context of modern ecology. Hands-on experience provides students the opportunity to practice tracking skills and become familiar with the details of the lives of local wildlife including coyote, deer, foxes, raccoons, opossums, weasels, mice, and bobcats. Topics and skills covered include local natural history, wildlife habitat assessment, clear print track identification, wildlife conservation, and the role of humans in today's ecosystems. (Y,U)

Attributes: ESTS, SC, TIII, TMBS

3 Credits

ENVS 17500 Introductory Environmental Seminar (LA)

Seminar course exposes students in the environmental studies or science program to environmentally relevant research, examples of careers in the environmental field, and opportunities to meet local and regional professionals. Pass/fail only. (F,Y)

Attributes: NS

1 Credit

ENVS 20100 Environmental Research: Introductory (LA)

An introductory course for students who desire hands-on research in environmental studies projects but who have limited experience with research. Research will typically involve participation in continuing projects, though new, student-proposed projects may be possible if the instructor approves. Students will work closely with a faculty member to guide their study. May be repeated twice for a maximum of Prerequisites: Sophomore standing and permission of instructor. (F-S)

Attributes: UND

1-3 Credits

ENVS 20200-20203 Topics in Sustainability (LA)

An umbrella course with a different focus each semester. The course is integrative and allows students to experience sustainability firsthand through field experiences and service projects at Ecovillage and the local community, linked to the study of core principles and strategies in different areas of community sustainability. The courses taught within this umbrella include sustainable land use, teaching sustainability, fostering sustainable communities, sustainable energy systems, urban sustainability, and the sustainability movement. May be repeated for a maximum of twelve credits. Prerequisites: Sophomore standing. (F-S)

Attributes: LMSP, NS, SS

3-4 Credits

ENVS 20400 Rainforests, Reefs, and Ruins: Belize Case Study (LA)

Focus on the environment and culture in Belize as a case study to explore topics including: structure and function of tropical ecosystems and Mayan civilization, factors leading to high biodiversity in the tropics, importance of biodiversity to human civilization, and threats to these ecosystems. Intended to prepare students for ENVS 20500. Prerequisites: Sophomore standing and permission of instructor. (F,Y)

Attributes: ENSS, ESSS, LAEL, NS, SC, SO, SS, TIDE, TQSF

3 Credits

ENVS 20500 Belize Immersion (LA)

Two-week cultural immersion course in Belize. Activities include deep jungle overnight trips, home stays with Belizean families, and service learning. Students are responsible for additional course fees for study abroad component. Course may be used to fulfill ENVS cultural immersion requirement. Prerequisites: ENVS 20400; sophomore standing; permission of instructor. (Y)

Attributes: LAEL, LMSP

1 Credit

ENVS 21200 Conservation Biology (LA)

Introduction to principles of conservation biology issues used to understand and reverse the current worldwide species loss. Examination of case studies of local and global conservation efforts to combat this species loss. Lab exercises include field trips. Lecture: Three hours. Laboratory: Three hours. This course is cross-listed with BIOL 21200; students cannot receive credit for this course and BIOL 21200.

Prerequisites: Any 10000-level ENVS or BIOL course. (IRR)

Attributes: AN2, BIEL, ENRE

4 Credits

ENVS 22000 Human-Environment Geography (LA)

This course uses natural science, social science, and humanistic approaches to study the complex relationships between human physical and cultural systems through time and space. This course has a strong focus on the perspectives and methods current in human-environment geography, and incorporates exercises in asking and answering geographical questions. Students will examine the relationships between ecosystems and food production, urban and rural relationships, the role of corporations, globalization, warfare, and religion. Prerequisite: Sophomore standing. (F,Y)

Attributes: ABSS, AN1, AN3

3 Credits

ENVS 23000 Earth System Science (LA)

Lab-based course that takes a whole-systems approach to understanding the physical, chemical, biological, and human interactions that determine the past, current, and future states of the earth. Students will describe key components, interactions, and concepts that characterize the earth system. The course emphasizes the generation and analysis of quantitative data. Prerequisite: ENVS 12100. (F,Y)

Attributes: ABSS

4 Credits

ENVS 23500 The Nature of Nature (LA)

Investigates why different religious traditions view our planet so differently. To what extent do these traditions shape peoples' perceptions of and interactions with the natural environment? Also explores how religious communities around the globe are responding to deforestation, biodiversity loss, and climate change. Makes use of a wide range of materials, including religious texts, documentaries, ethnographic studies, and science fiction. Prerequisites: One three-credit course in the liberal arts. (E)

Attributes: ABSS, ENHU, ESHU, HM, TMBS, TQSF

3 Credits

ENVS 24000 Environmental Archaeology: Human Impact in the Past and Present (LA)

This course examines the interrelationship between humans and their environments from a long-term archaeological perspective. This course emphasizes archaeological, geological, and botanical methods and analytical techniques used for long-term environmental reconstruction. Cross-listed as ANTH 24000. Students may not earn credit for ANTH 24000. Prerequisite: ANTH 10400 or ANTH 10700. This course satisfies the archaeology requirement. (S,Y)

Attributes: ABSS, AN1, ENSS, ESSS, SS

3 Credits

ENVS 24300 Sustainable Energy: Powering the World (LA)

Survey of energy. Topics include solar, wind, geothermal, electricity, fossil fuels, heat transfer, and the economic and environmental opportunities created by energy efficiency and sustainable energy systems. The course culminates with a final Energy Design Project. Cross-listed as PHYS 24300. Students may not earn credit for both PHYS 24300 and PHYS 24300. Prerequisite: Math placement score 2 or 1 or completion of MATH 10400, MATH 10800, or MATH 11000 (with a C- or better). (S,Y)

Attributes: ABSS, QL, SC, TQSF

4 Credits

ENVS 25000 Principles of Geology (LA)

Investigation of the solid earth, plate tectonics, basic mineralogy and processes that shape the terrestrial surface. Includes laboratory and hands-on activities. Prerequisites: one ENVS, BIOL, PHYS, or CHEM course. (F,O)

Attributes: ENRE

4 Credits

ENVS 25200 Environmental Ethics (LA)

A critical examination of various moral problems raised when considering environmental issues. Questions regarding the moral status of animals, future generations, and the environment as a whole are explored. Also taken up are the moral aspects of famine relief, population control, and resource use. These issues and others generate challenging and fundamental questions of moral philosophy: What is the basis of obligation? Do animals have rights? What does it mean to say something is intrinsically valuable? Students cannot receive credit for both this course and PHIL 25200. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENVS, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST. (Y)

Attributes: ABSS, AN2, AN3, HM, LMEL, LSCO, TPJ, TQSF

3 Credits

ENVS 26200 The History of Commodities in the Americas (LA)

Examines the relationship of commodities to the larger fabric of Atlantic world history since the 15th century, exploring how the material world shapes social, political, and economic behaviors and attitudes. Considers how historians, scientists, economists, and other social scientists, have interpreted the social, political, environmental, and economic significance of particular commodities. Central to the course is a focus on how commodities have shaped the relationship between Latin America, the Caribbean, and the United States. This course addresses material goods (sugar, cod, fertilizer, etc.) as commodities, as well as the history of human trafficking, from the Trans-Atlantic Slave Trade to modern day slavery. Cross-listed with HIST 26200; students cannot take both ENVS 26200 and HIST 26200 for credit. Prerequisites: Sophomore standing or above. (Y)

Attributes: ABSS, ENHU, ESHI, ESHU, HM, TQSF

3 Credits

ENVS 27000 History of American Environmental Thought (LA)

A pervasive theme in the occupancy of North America is the changing and often conflicting perception of the environment. This course focuses on the history of environmental ideas, values, behaviors, and attitudes. Topics include capitalist, Romantic, and ecological thinking; the goals of conservation and preservation; recent rethinking of primitive experience and the idea of wilderness; and today's dialogue between mainstream environmentalism and deep ecology, the latter including ecofeminism, sustainable development, and biodiversity. Students examine the profound impact each of the paradigms has had on human-environment relations in America. This course counts toward the U.S. history requirement for history department majors. Cross-listed with HIST 27000. Prerequisites: Sophomore standing. (Y)

Attributes: ABSS, ENHU, ESHI, ESHU, H, HI2, HM, LMEL, LSCO, SL, TQSF

3 Credits

ENVS 27100 Global Environmental History (LA)

An introduction to the field of global environmental history that explores nature's role in world history and the ways human systems of energy, agriculture, resource extraction, trade, and transportation have affected the environment over time and vice versa. Primarily focuses on the historical impacts of environmental change around the world since the start of the industrial revolution (c. 1750). Cross-listed with HIST 27100; students cannot receive credit for both ENVS 27100 and HIST 27100. Prerequisites: Sophomore standing or above. (IRR)

Attributes: ABSS, ENHU, ESHI, ESHU

3 Credits

ENVS 27500 Intermediate Environmental Seminar (NLA)

Designed to help students make conscious choices to direct their academic activities at Ithaca College and to begin to consider post-graduation goals. Prerequisites: ENVS 17500. (S,Y)

1 Credit

ENVS 28100 Environmental Economics (LA)

Introduction to the study of environmental problems with the perspective, analytical ideas, and methodology of economics. Emphasis is placed on the analysis of environmental policy. Topics include the relationship between economic activity and environmental quality, the role of economic analysis in environmental policy decisions, economic analysis of pollution control strategies, and economic analysis of environmental policy in both the United States and the international community. Cross-listed as ECON 28100; students cannot receive credit for ECON 28100.

Prerequisites: ECON 12200. (S)

Attributes: 1, ENSS, ESSS, H, SS

3 Credits

ENVS 29200 Critical Skills in Environmental Research and Practice (LA)

Introduces critical thinking, quantitative analysis, and presentation skills necessary for effective environmental research and professional practice, including experimental design, how to work effectively with large data sets, how to make appropriate graphs, and what statistical tests are appropriate in which conditions. Focus will be on data analysis leading to objective decision making and policy formulation. Real-world issues such as resource use, environmental impact analysis, human demographics and disease spread, climate change, pollution, and biodiversity will be examined. Highly recommended for students interested in scientific research. Prerequisites: ENVS 12100. (S,Y)

Attributes: ENRE, QL

3 Credits

ENVS 30100 Environmental Research: Intermediate (LA)

For intermediate students who desire hands-on research in issues relating to sustainability and the environment. Research can involve participation in continuing faculty research projects or in new, student-proposed projects. Students will work closely with a faculty member to guide their study. May be repeated for a total of (F,S,Y)

1-3 Credits

ENVS 32200 Environmental Methods: Sampling, Surveying, Statistics and Analysis (LA)

This course provides students with field-based, real-world applications of sampling, surveying, and statistical analysis techniques, with an emphasis on environmental problem-solving skills. This class covers both qualitative and quantitative analytical techniques. Lecture/discussion: Three hours. Laboratory: Three hours. Prerequisites: ENVS 12100 or ENVS 13000; ENVS 22000; MATH 14500, MATH 14400 or MATH 21600. (F,Y)

Attributes: NS

4 Credits

ENVS 33100-33102 Topics in Geography and Planning (LA)

Intermediate course with a different focus each semester. Topics include demographics, city and regional planning, land use, and topography. May be repeated for maximum of eight credits. Lecture/discussion, may include a three-hour laboratory. Prerequisite: ENVS 22000. (IRR)

Attributes: ENSS, ESPE, SS

3-4 Credits

ENVS 33300 International Environmental Policy (LA)

This course examines an environmental issue in depth (climate change, air pollution, fisheries, endangered species, human population, water management) and the international policy negotiations around that issue. Students will attend international environmental negotiation sessions; additional course fees apply for travel. Prerequisites: Junior standing; permission of instructor. (IRR)

Attributes: GERM, UND

3 Credits

ENVS 34000-34002 Topics in Pollution (LA)

Intermediate course with a different focus each semester. Topics may include environmental toxicology, environmental health and medicine, aquatic pollution, pollution remediation, hazardous waste, or pollution policy. May be repeated for maximum of six credits when topics vary.

Prerequisites: ENVS 12100. (F,Y)

Attributes: ESTS, NS, WI

3 Credits

ENVS 34100 Topics in Pollution: Laboratory (LA)

Designed to complement ENVS 34000. Focuses on field and lab methods used in toxicology. Repeatable two times for a total of when topics vary. (F,Y)

Attributes: ENRE

1 Credit

ENVS 35000-35002 Topics in Natural Resources and Ecology (LA)

Intermediate course with a different focus each semester. Topics include ecological issues associated with practical conservation or management practices, such as ecosystem ecology, conservation biology, or biology of invasive species. This course may be repeated for credit when topics vary, for a maximum of eight credits. Prerequisites: Three courses in environmental studies or biology. Lecture/discussion, may include a three-hour laboratory. (IRR)

Attributes: ESTS, NS

3-4 Credits

ENVS 35100 Farming the Forest: Non-Timber Forest Products (LA)

Highly hands-on interdisciplinary course in which students use place-based learning to understand and experience the role of forests in providing a range of provisioning services (food, fiber, medicine, fuel, and other materials) in the global social-ecological system. Integrated treatment of forest ecology, non-timber forest products management, and human-dimensions ecology leads to sustainably producing a range of non-timber forest products for a small student-run business. Students are responsible for all aspects of the business: production, safety, product research and development, sales, public education and outreach. Products include honey and other hive products, maple syrup, mushrooms, hand-carved items, herbal salves and teas, bark baskets, etc. (S,Y)

Attributes: ESTS

4 Credits

ENVS 36000-36002 Topics in Environmental Humanities (LA)

Intermediate course with a different focus each semester. Topics include literature, philosophy, art, mythology, history, landscape design, and architecture from around the world. By exploring the myriad ways human beings have viewed nature, students will gain a better grasp of why human-environment interactions are in crisis and what it means to be human in such a world. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800; and one of the following: ENVS 11900, ENVS 26200, ENVS 27000, or ENVS 27100. (IRR)

Attributes: ENHU, ESHU, HU, WI

3 Credits

ENVS 36003 Topics: Environmental Humanities (LA)

Intermediate course with a different focus each semester. Topics include literature, philosophy, art, mythology, history, landscape design, and architecture from around the world. By exploring the myriad ways human beings have viewed nature, students will gain a better grasp of why human-environment interactions are in crisis and what it means to be human in such a world. Prerequisites: Three humanities courses and sophomore standing. (IRR)

Attributes: HU, WI

3 Credits

ENVS 36600 Environmental Politics (LA)

Examines environmental protection (and destruction) from numerous political perspectives and in relation to various political ideologies. Looks at policy-making aspects of environmental protection. Traces the development of national and international environmental movements. Considers environmental issues in terms of race, gender, and class politics. Prerequisites: Sophomore standing. Cross-listed with POLT 346600; students cannot receive credit for both POLT 36600 and ENVS 36600. (Y)

Attributes: ABSS, ENSS, ESPE, LMEL, LSCO

3 Credits

ENVS 37000 Topics: Earth Science (LA)

Intermediate course with a different focus each semester. Topics include hydrology, biogeochemistry, soil science, and agriculture. May be repeated for maximum of eight credits. Lecture/discussion, may include a three-hour laboratory. Prerequisite: Three courses in environmental studies and sciences, biology, chemistry, or physics. (IRR).

Attributes: NS

3-4 Credits

ENVS 37001-37002 Topics in Earth Science (LA)

Intermediate course with a different focus each semester. Topics include hydrology, biogeochemistry, soil science, and agriculture. May be repeated for maximum of eight credits. Lecture/discussion, may include a three-hour laboratory. Prerequisite: Three courses in environmental studies and sciences, biology, chemistry, or physics. (IRR).

Attributes: NS

3-4 Credits

ENVS 38000-38003 Selected Topics in Field Studies (LA)

Field study courses provide a multiday field trip to an off-campus ecosystem. Each field study course emphasizes a unique regional topic, and students become familiar with the major geological and ecological events as well as the human impact on sustainability of the natural ecosystem(s). Students also learn to identify the predominant flora and fauna of the area. Student projects are expected to show considerable independent effort, background information, analyses, and original synthesis. May be repeated for credit for field studies in different regions for a maximum three times or twelve credits. Prerequisites: 3 courses in ENVS or BIOL. (IRR)

Attributes: ENSS, ESSS, NS

1-4 Credits

ENVS 40200-40201 Environmental Research: Advanced (LA)

For advanced students who desire hands-on research in issues relating to sustainability and the environment. Research can involve participation in continuing faculty research projects or in new, student-proposed projects. Students will work closely with a faculty member to guide their study. Prerequisites: ENVS 30100 and permission of instructor. May be repeated for a total of eight credits. (F,S,Y)

1-4 Credits

ENVS 47500 Advanced Environmental Seminar (NLA)

Discussion group for seniors in environmental studies and environmental science. Course focuses on networking, and summative reflection on educational and personal growth through the preparation of an integration project and an e-portfolio. Restricted to Environmental Science and Environmental Studies majors. Prerequisites: ENVS 27500; senior standing. (S,Y)

Attributes: CP

1 Credit

ENVS 49000 Independent Study: Environmental Studies (LA)

A reading program of materials of special interest to the student, undertaken under faculty direction. Prerequisites: Permission of instructor. (F-S,Y)

Attributes: UND

1-4 Credits

ENVS 49500 Internship: Environmental Studies (NLA)

Permits students to explore environmental studies through a variety of work experiences. Students are expected to submit, as part of their course obligations, a thorough written evaluative report based on their experiences. Internships may be taken at national, state, and local levels, and in London under the auspices of the Ithaca College London Center. Prerequisites: Permission of instructor; completion of three-quarters of an environmental studies major or minor. 1-(F-S,Y)

1-12 Credits

Environmental Studies Major – B.A.

Summary

Code	Title	Credits
	Environmental Studies B.A. Major Requirements	54
	Integrative Core Curriculum Requirements ¹	28-40
	Electives	24-38
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
CORE COURSES		
ENVS 11900	Introduction to Environmental Humanities	4
ENVS 12000	Environmental Sentinels	4
ENVS 12100	Introduction to Environmental Science and Technology	4
ENVS 22000	Human-Environment Geography	3
ENVS 22400	Fundamentals of Earth and Climate Science	3
BREADTH REQUIREMENT		
ENVS electives	Upper level ENVS electives at level 2 or above; 6 credits must be at level 3 or higher.	9
History electives	Selected from courses with the attribute "ESHI" Environmental Studies History elective	3

Humanities electives	Selected from courses with the attribute "ESHU" Environmental Studies Humanities elective	3
Policy electives	Selected from courses with the attribute "ESPE" Environmental Studies Policy elective	3
Social Science electives	Selected from courses with the attribute "ESSS" Environmental Studies Social Sci elective	6

TOOLS/SKILLS REQUIREMENT

Selected from courses with the attribute "ESTS" Environmental Studies Tool/Skill Req	6
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PROFESSIONAL DEVELOPMENT

ENVS 17500	Introductory Environmental Seminar	1
ENVS 27500	Intermediate Environmental Seminar	1
ENVS 47500	Advanced Environmental Seminar	1

ADVANCED STUDIES

Select one option for 3 credits:		3
ENVS 40200	Environmental Research: Advanced	
ENVS 49000	Independent Study: Environmental Studies	
ENVS 49500	Internship: Environmental Studies	

CULTURAL IMMERSION

Students must complete an experiential service or community-based learning activity and put their communication skills to use with diverse audiences (see below).

Total Credits	54
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Cultural Immersion Requirement

This requirement is designed to help students discover alternative ways of addressing environmental problems by developing an insider's view that can help broaden their perspectives as well as provide sources for innovative solutions. Students can choose from a wide variety of experiences to satisfy this requirement, but each cultural immersion experience must meet the following criteria:

1. It must be related to environmental studies or science in some way.
2. It must include at least 40 hours of direct involvement with people from a culture or socioeconomic class other than what the student has experienced to date.
3. It must be a deeper, more critical cultural immersion experience than travel or observation alone, and it should provide opportunities for students to evaluate situations from local people's perspective.
4. It should enable students to acquire an awareness of how their own culture informs them about other cultures and is used subjectively to make sense of cultural differences.
5. It requires students to be active participants in the culture, and not just observers; in other words, students should strive to be in a situation where some of their daily comforts and predictability are different or absent.

Students must develop a written proposal for their cultural immersion experience, obtain approval in advance, document their experience through written reflection and an electronic portfolio, and present their portfolio as part of ENVS 47500 in their senior year.

Environmental Science Major — B.S. Summary

Code	Title	Credits
	Environmental Science B.S. Major Requirements	54-55
	Integrative Core Curriculum Requirements ¹	28-40
	Electives	25-38
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
CORE REQUIREMENTS		

ENVS 11900	Introduction to Environmental Humanities	4
ENVS 12000	Environmental Sentinels	4
ENVS 12100	Introduction to Environmental Science and Technology	4
ENVS 17500	Introductory Environmental Seminar	1
ENVS 27500	Intermediate Environmental Seminar	1
ENVS 29200	Critical Skills in Environmental Research and Practice	4
ENVS 23000	Earth System Science	4
ENVS 30100	Environmental Research: Intermediate	3
	or ENVS 49500 Internship: Environmental Studies	
ENVS 47500	Advanced Environmental Seminar	1

MATH AND SCIENCE COURSES

BIOL 12200	Principles of Biology, Ecology and Evolution	4
CHEM 12100	Principles of Chemistry	3
CHEM 12200	Principles of Chemistry Laboratory	1
MATH 14500	Statistics for the Health, Life, and Social Sciences	4
Math/Science Electives	Select two courses with the attribute ENRE, ENVS STEM courses ¹	7-8

- at least one course must be a 4-credit course
- at least one course must be at the 200-level or higher

ADDITIONAL ELECTIVES

Environmental electives	Select 9 credits of courses in a variety of departments, with the attribute ENVE, Environmental Studies Electives ¹	9
	• at least 6 credits must be at the 300-level or higher	

Total Credits	54-55
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¹ *Some courses with the ENRE or ENVE attribute may have additional prerequisites that the student is responsible for meeting.*

Environmental Studies Minor

The objectives of the minor are:

1. to introduce students to the substance and complexity of environmental issues, and
2. to allow them both to explore environmental policy and learn to participate in responsible policy discussion at a range of levels.

Requirements

Code	Title	Credits
FOUNDATION COURSES		
Select two options from the following:		7-8
ENVS 11000	The Environmental Crisis: Causes and Solutions	
or ENVS 11200 Sustainability Principles and Practice		
ENVS 11900	Introduction to Environmental Humanities	
ENVS 12000	Environmental Sentinels	
ENVS 12100	Introduction to Environmental Science and Technology	
INTERMEDIATE COURSES		
ENVS xxxxx	Three ENVS courses at level 2 or 3, excluding ENVS 20100, ENVS 27500, ENVS 30100, and ENVS 32200	9-12
ADVANCED COURSE		
ENVS 3xxxx	One ENVS course at level 3, excluding ENVS 30100 and ENVS 32200	3-4
Total Credits		19-24

Gerontology

Bachelor of Arts, Bachelor of Science

Elizabeth J. Bergman, Associate Professor and Chairperson

The Ithaca College Gerontology Institute administers the aging studies major and minor for Ithaca College undergraduates.

Aging studies is the:

1. study of the physical, mental, and social changes in people as they age;
2. the investigation of the changes in society resulting from our aging population; and
3. the application of this knowledge to policies and programs.

This interdisciplinary major draws on Ithaca College's unique combination of liberal arts and professional programs to provide students with a liberal arts foundation, a broad-based understanding of individual and social aspects of aging, and professional skills relevant to their career goals.

Students have the option of enrolling in either the B.A. or the B.S. program in aging studies, depending on their educational and career interests. The majors prepare students for positions with an aging focus or for graduate education in gerontology/aging studies or a related discipline. The aging studies major has been designated a program of merit by the Academy for Gerontology in Higher Education.

The interdisciplinary minor in aging studies involves coursework in gerontology and several other departments and is available to students in any major. The minor addresses biological and psychological aspects of individual aging, as well as the societal implications of the rapidly increasing older population. The requirements for the minor are designed to complement or supplement a student's major.

Fieldwork in an approved aging organization provides an important experiential learning opportunity for aging studies minors. For majors, an internship provides another important opportunity to gain valuable experience in the field.

Facilitating student growth and learning is a priority for gerontology faculty and staff. All majors and minors are assigned an adviser to assist with progress toward completing their degree requirements and to serve as a resource for exploring interests and career goals.

Majors & Minors

- Aging Studies Major — B.A. (p. 463)
- Aging Studies Major — B.S. (p. 463)
- Aging Studies Minor (p. 464)

GERO 10100 Introduction to Aging Studies (LA)

Introduction to the broad spectrum of issues involved in the study of aging. Biological, psychological, and sociological concerns, in addition to services for the elderly, are presented in survey fashion. Field trips, lectures, discussions, and demonstrations comprise the instructional methods. (F-S,Y)

Attributes: 1, SS

3 Credits

GERO 12000 Aging by the Numbers (LA)

Using quantitative data, explores aging-related topics such as cultural stereotypes, the demography of aging, and the financing of retirement. Focuses on developing understanding of different research methods and awareness of the promise and limits of quantitative data for understanding people's lives. (Y)

Attributes: QL

3 Credits

GERO 13000 The Journey of Aging (LA)

Explores the impact of aging on mind, body, and spirit, as well as contemporary responses to the possibilities and challenges of aging, with a focus on aging as a universal journey that affects all areas of life. Includes service learning with elders in the community. (Y)

Attributes: SO, TMBS

3 Credits

GERO 19501 Age Matters: Discovering the Possibilities beyond Midlife (LA)

Explores the intersections of age and identity in a variety of contexts, including the treatment of elders in modern culture. Examines the demographic and cultural forces shaping the period between retirement and disability. We examine our own beliefs and values as they relate to age and engage in service learning with elders in the community. (Y)

Attributes: 1, SL, SO, SS, TIDE

3 Credits

GERO 20500 Gerontological Inquiries (LA)

Building on the basics of gerontology, this course develops students' ability to operationalize the social world in gerontological terms by introducing research methods in the discipline. Students learn how to write a social science research paper, including how to write a literature review. Prerequisites: Any 10000-level gerontology course. Open to aging studies Majors only. (Y)

1 Credit

GERO 21000 Health and Aging (LA)

Examines the health status of older adults in the U.S. and the impact it has on longevity and quality of life in the later years. Includes factors that affect the health and longevity of older Americans, health challenges in later life, prevention and health promotion, the need for culturally competent health care for older adults, and end of life choices and issues. Explores how U.S. health policy and the health care system affect the lives of older adults. Prerequisites: One 10000-level GERO course or HLTH 11300. (S,O)

Attributes: SS

3 Credits

GERO 22000 Sociology of Aging (LA)

This course presents the prominent sociological theories and research about aging and the ways in which the experience of aging is socially constructed. Cross-listed with SOCI 22000. Students may not receive credit for both SOCI 22000 and GERO 22000. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (F,Y)

Attributes: DV, SS

3 Credits

GERO 23000 Memory Loss and Aging: Myths and Realities (LA)

Memory loss has become one of the most feared stereotypes of aging. This course contrasts normal age-related changes in the brain with the effects of diseases that cause cognitive impairment. Prevalence, incidence, symptoms, causes, treatment, and caregiving issues are discussed, with emphasis on the history and personal, social, cultural, political, and economic impacts of Alzheimer's disease, which affects millions of older adults in the United States. Prerequisites: One 10000-level GERO course. (S,E)

3 Credits

GERO 25000 Lifespan Creativity (LA)

Examines the meanings and uses of creativity across the lifespan utilizing a variety of perspectives. Combines reading and discussion of academic literatures on creativity with experiential learning in the community. Prerequisites: Sophomore standing. (F,E)

Attributes: SO, SS, TIII

3 Credits

GERO 29010 Fieldwork in Gerontology (NLA)

Fieldwork gives students firsthand experience working and socializing with the elderly. Under the supervision of a trained professional within an organization in the Ithaca area, students engage in work activities, including direct service to the aged, as well as service to the host agency. An integrated series of seminars provides students with the context to better understand the needs of the community-based elderly, as well as the local, state, and national resources available and not available to meet those needs. Prerequisites: One 100-level GERO course. (F,S,Y)

1-3 Credits

GERO 29100 Field Placement in Gerontology (NLA)

Provides students the opportunity to interact with elders under the supervision of the sponsoring agency, and a gerontology faculty member. Placements are arranged individually. Students must complete the H&S internship application process. This course may be repeated for a total of three credits. Prerequisites: Sophomore standing, permission of instructor. (IRR)

1-3 Credits

GERO 31900 Aging and Social Policy (LA)

Examination of contemporary public health and social policies and programs that affect the well-being of older adults. The scope of these programs and policies, their historical development, and likely changes are explored. Prerequisites: One 20000-level GERO course. (S,Y)

Attributes: CNSL, DV

3 Credits

GERO 32500 The Long-Term Care System (LA)

Exploration of the continuum of long-term care services available in the United States. Examination of issues of access and financing; the combination of housing and services for disabled older adults; and challenges to the provision of a range of quality long-term care options. Prerequisites: One 20000-level GERO course. (F,O)

Attributes: CNSL, SS

3 Credits

GERO 37000 Counseling the Older Adult (LA)

Combines theory about and practice of basic counseling skills with information about issues faced by older adults and their families. Analyzes the lives of today's older adults within the frameworks of social institutions and race, class, and gender. Prerequisites: One 10000-level sociology course or one 10000-level GERO course; at least one of the following: GERO 22000, SOCI 30800, SOCI 30900, PSYC 36600, ANTH 34000, RLS 23800, HLTH 24000. (S,E)

Attributes: CNSL, SS

3 Credits

GERO 38000 End-of-Life Issues (LA)

Broad overview of basic concepts and psychosocial issues related to the meaning of loss and death, the process of death, and the experience of grieving. Consideration of health care practices along with community resources. Real-world topics and controversial issues explored through combination of lectures, hands-on activities, and field trips. Prerequisites: One 10000-level GERO course; junior standing. (S, E)

Attributes: CNSL, SS

3 Credits

GERO 38900 Selected Topics in Applied Gerontology (NLA)

Exploration, in a lecture or seminar format, of a professional or practical aspect of gerontology. Topics vary based on current trends and student and faculty interests. May be repeated for credit for different selected topics. Offered for depending upon the issue and the time required to adequately address the topic. Prerequisites: One 20000-level GERO course. (IRR)

1-3 Credits

GERO 39900-39905 Selected Topics in Social Gerontology (LA)

Exploration, in lecture or seminar format, of a specific area of social gerontology. Topics are based on current trends and student and faculty interests. May be repeated for credit for different selected topics. Offered for depending upon the issue and time required to adequately address the topic. Prerequisites: One 20000-level GERO course. (IRR)

1-3 Credits

GERO 40100 Gerontology Internship (NLA)

Provides a structured, intensive learning experience in an organization dedicated to research, planning, policymaking, or service provision for older adults. Supervision is provided by an on-site professional preceptor. Students are required to submit periodic written field reports, as well as a final internship experience report. Course may be repeated for a total of four credits. Prerequisites: GERO 29010; GERO 31900; Aging Studies major; permission of instructor. Pass/fail only. (Y)
0-4 Credits

GERO 48000 Gerontology Senior Seminar (LA)

This capstone experience provides a structured opportunity for gerontology majors to integrate knowledge and experience from coursework and internships as they explore a variety of theoretical and professional issues in gerontology. Prerequisites: GERO 31900; GERO 40100; senior standing; WRTG10600 or ICSM108XX or ICSM118XX. (S,Y)

Attributes: CP, SS, WI
3 Credits

GERO 49900 Independent Study (LA)

Individual research and writing on a particular area in gerontology, supervised by a faculty member in the gerontology program. Prerequisites: Permission of instructor. (F-S,Y)
1-4 Credits

Aging Studies Major – B.A.

Summary

Code	Title	Credits
	Aging Studies B.A. Major Requirements	57
	Integrative Core Curriculum Requirements ¹	28-40
	Electives	23-35
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
AGING STUDIES CORE REQUIREMENTS		
GERO 1xxxx	Any 100-level GERO course	3
BIOL 20500	Biology of Aging	3
GERO 20500	Gerontological Inquiries	1
GERO 29010	Fieldwork in Gerontology	3
GERO 31900	Aging and Social Policy	3
SOCI 35500	Quantitative Methods	3
SOCI 35600	Qualitative Methods	3
GERO 40100	Gerontology Internship	2
GERO 48000	Gerontology Senior Seminar	3
HLTH 20500	Critical Health Issues	3
PSYC 10400	Introduction to Developmental Psychology	3
PSYC 36600	Adulthood and Aging	3
GERO 22000	Sociology of Aging	3
AGING STUDIES RESTRICTED ELECTIVES ¹		
Aging-Related Courses		
Select 12 credits from the following:		12

GERO 21000	Health and Aging	
GERO 23000	Memory Loss and Aging: Myths and Realities	
GERO 25000	Lifespan Creativity	
GERO 32500	The Long-Term Care System	
GERO 37000	Counseling the Older Adult	
GERO 38000	End-of-Life Issues	
GERO 389XX	Selected Topics in Applied Gerontology	
GERO 399xx	Selected Topics in Social Gerontology	
GERO 49900	Independent Study	
SLPA 35900	Communication Disorders in the Aging Population	
RLS 23800	Leisure and Aging	
HLTH 30100	Lifecycle Nutrition	
Ethics and Values		
Select one of the following:		3
PHIL 10100	Introduction to Philosophy	
PHIL 21200	Introduction to Ethics	
PHIL 23000	Bioethics	
Communication Skills		
CMST 11000	Public Communication	3
or CMST 11500 Business & Professional Comm		
WRTG 2xxxx	Any level-2 writing elective	3
Total Credits		57

¹ Upper level courses included in the list of restricted electives may have additional prerequisites.

Aging Studies Major – B.S.

Summary

Code	Title	Credits
	Aging Studies B.S. Major Requirements	57
	Integrative Core Curriculum Requirements	28-40
	Electives	23-35
Total Credits		120

Degree Requirements

Code	Title	Credits
AGING STUDIES CORE REQUIREMENTS		
GERO 1xxxx	Any 100-level GERO course	3
BIOL 20500	Biology of Aging	3
GERO 20500	Gerontological Inquiries	1
GERO 29010	Fieldwork in Gerontology	3
GERO 31900	Aging and Social Policy	3
SOCI 35500	Quantitative Methods	3
SOCI 35600	Qualitative Methods	3
GERO 40100	Gerontology Internship	2
GERO 48000	Gerontology Senior Seminar	3
HLTH 20500	Critical Health Issues	3
PSYC 10400	Introduction to Developmental Psychology	3
PSYC 36600	Adulthood and Aging	3

GERO 22000	Sociology of Aging	3
AGING STUDIES RESTRICTED ELECTIVES ¹		
Aging-related Courses		
Select 12 credits of the following:		12
GERO 21000	Health and Aging	
GERO 23000	Memory Loss and Aging: Myths and Realities	
GERO 25000	Lifespan Creativity	
GERO 32500	The Long-Term Care System	
GERO 37000	Counseling the Older Adult	
GERO 38000	End-of-Life Issues	
GERO 389xx	Selected Topics in Applied Gerontology	
GERO 399xx	Selected Topics in Gerontology	
SLPA 35900	Communication Disorders in the Aging Population	
RLS 23800	Leisure and Aging	
HLTH 30100	Lifecycle Nutrition	
Ethics and Values		
Select one of the following:		3
PHIL 10100	Introduction to Philosophy	
PHIL 21200	Introduction to Ethics	
PHIL 23000	Bioethics	
Communication Skills		
CMST 11000	Public Communication	3
or CMST 11500 Business & Professional Comm		
WRTG 2xxxx	Any level-2 writing elective	3
Total Credits		57

¹ Upper level courses included in the list of restricted electives may have additional prerequisites.

Aging Studies Minor

Requirements

Code	Title	Credits
CORE REQUIREMENTS		
GERO 1xxxx	Any 100-level GERO course	3
GERO 29010	Fieldwork in Gerontology	3
DISCIPLINARY FOUNDATION ¹		
PSYC 36600	Adulthood and Aging	3
Select one of the following:		3
BIOL 20500	Biology of Aging	
GERO 21000	Health and Aging	
Select one of the following:		3
GERO 22000	Sociology of Aging	
GERO 31900	Aging and Social Policy	
AGING STUDIES ELECTIVES ²		
Select 6 credits from the following:		6
GERO 37000	Counseling the Older Adult	
HLTH 30100	Lifecycle Nutrition	
SLPA 35900	Communication Disorders in the Aging Population	
RLS 23800	Leisure and Aging	

GERO 23000	Memory Loss and Aging: Myths and Realities	
GERO 25000	Lifespan Creativity	
GERO 31900	Aging and Social Policy	
GERO 32500	The Long-Term Care System	
GERO 38000	End-of-Life Issues	
GERO 38900- GERO 38909	Selected Topics in Applied Gerontology	
GERO 39900- GERO 39909	Selected Topics in Social Gerontology	
Total Credits		21

¹ Minors may choose to use an additional 3 credits from the Disciplinary Foundation courses list as a gerontology elective.

² Upper level courses included in the lists of electives may have additional prerequisites.

Department of History

Bachelor of Arts

Matthew Klemm, Associate Professor and Interim Chairperson

The goals of the Department of History are to place the present in context and to inform students of the deep origins and interconnectedness of contemporary life. The study of history provides students with critical thinking and communication abilities; in particular, history majors learn how to acquire and process vast quantities of data, interpret evidence, craft effective arguments, and solve problems creatively. Furthermore, students gain the knowledge necessary to become critically engaged citizens while simultaneously honing the skills necessary to thrive in an ever-changing, modern workplace.

Our department emphasizes a close working relationship between faculty and students, and we are committed to small classes and individualized instruction. First-year classes are limited to 27 students. Upper-level class sizes range from 25 students down to 10 in our senior seminars, and even one-on-one tutorials with history faculty. History majors may also choose to explore history through study abroad and off-campus internships. In addition, students can complete independent studies as well as honors projects, both of which feature intensive collaboration with faculty.

Our students have gone into a variety of professional and graduate careers, such as law, business, governmental service, politics, radio-television, and performing arts, as well as archaeological and museum work. In addition, the curriculum, in conjunction with an Education Studies minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-education/education-studies-minor/>) and additional coursework in social science, prepares students for Masters in Teaching programs for secondary teaching in social studies.

Advanced Placement

Advanced placement (AP) credit is accepted under the following conditions:

1. A student must have an AP test score of 4 or higher to receive History credit (i.e., HIST 18888).

2. AP credit does not count toward the number of credits required by the major although it does count toward the 120 credits required to graduate.
3. Minors may apply a maximum of three AP credits (one course).

Requirements for Honors in History

All history majors with at least a 3.3 GPA in the history major and a 3.0 GPA or better overall have the opportunity to graduate with honors in history. Before commencing an honors program in history, a candidate must have completed 21 hours of history courses. The candidate may complete the work for an honors project in level-3 or level-4 independent studies, but all honors candidates must take at least one level-4 seminar or tutorial in addition to these independent studies. The candidate may receive a maximum of 6 credits for the honors project. If at any point the faculty sponsor deems the work insufficient for honors, the student will receive a grade for any independent studies completed but will not be eligible to pursue department honors. Honors candidates must adhere to the following process:

1. The candidate will select a department member with expertise in the field to advise the student about the project and, in consultation with that adviser, will create a three-person committee to review the project.
2. By August 15 of the year before graduation (March 30 for winter graduates) the candidate must apply for honors with a written proposal. The proposal should clearly describe the project and identify primary sources to be used. Committee members will signal their approval with their signatures on the form and the entire faculty of the history department will vote on the proposal and inform the student whether they may pursue departmental honors.
3. The candidate will submit a complete draft of the project to the faculty sponsor by the end of the fourth week of their final semester, and a final draft of the project to the committee by the ninth week of the semester.
4. The candidate will defend the project before the committee approximately one week after the submission of the final draft. The committee will then determine whether the project receives honors.

The completed honors project must fit the following criteria: be a 30-50 page scholarly article; illustrate an understanding of relevant historiography; demonstrate original analysis based on extensive research in primary and secondary sources; and use the *Chicago Manual of Style* citation style.

Recommendations

The Department of History strongly recommends that each history major, in consultation with their adviser, develop a course of study providing a balance between the various historical eras. It also recommends that history majors take a minimum of three related courses in another humanities department (e.g., English, philosophy, art history) and three related courses in a social science department (e.g., economics, anthropology, politics) that serve to complement the student's historical studies and provide insights from another discipline.

Majors & Minors

- History Major — B.A. (p. 475)
- Social Studies Major — B.A. with Teaching Option (p. 475)
- History Minor (p. 476)

HIST 10100 Before Europe: Cultures of the Premodern West (LA)

This course examines a selection of cultures from the beginnings of "Western" civilization in the ancient Mediterranean into the medieval and early modern eras as the idea of Europe gradually emerged. In addition to focusing on some particularly formative periods in the history of Western cultures, we will examine the idea of a continuous strand of Western civilization throughout this time period, looking also for instances of discontinuity and rupture in the past. Not open to seniors except by permission of instructor. Also offered through the London Center. (F,Y)

Attributes: 1, CSA, G, H, HM, HU, TIDE, TPJ

3 Credits

HIST 10200 Modern Western Civilization (LA)

Continuation of HIST 10100, extending from the early modern period to the present. Students may not receive credit for both HIST 10200 and HIST 18200. Not open to seniors except by permission of instructor. Also offered through the London Center. (S,Y)

Attributes: 1, G, H, HU

3 Credits

HIST 10600 History in the News: Global Identities and the Search for Justice (LA)

Introduces the field of contemporary history through an examination of current events and issues. Students follow international developments and offer historical contexts and evaluations within themes of global identities and the search for justice through the paradigm of globalization and human rights. (F,S,Y)

Attributes: HM, TIDE, TPJ

3 Credits

HIST 11100 Founding a Nation: United States History to 1877 (LA)

A survey of United States history from the colonial period to Reconstruction. Included are the peopling of the nation from Europe, Africa, and the Americas, problems of colonial settlement, the achievement of political independence and stability, territorial expansion, industrialization, and the struggle over slavery. Not open to seniors except by permission of instructor. (Y)

Attributes: 1, H, HM, HU, TPJ

3 Credits

HIST 11200 Building Modern America: United States History since 1877 (LA)

A survey of national development since Reconstruction with an emphasis on social and economic development, waves of immigration, overseas expansion, social and political reform movements, involvement in two world wars, and the Cold War. Not open to seniors except by permission of instructor. (Y)

Attributes: 1, DV, H, HU

3 Credits

HIST 12600 Women and the American Experience, 1607-1870 (LA)

Examines the diverse experiences and social roles of women from seventeenth century settlement to Reconstruction. Explores Native American women; regional variations in the formation of colonial society; the "proper place" of white women; women and politics, reform movements, religion, and sexuality; African-American women and slavery; women as pioneers; women and work. Emphasis on the diversity and changes among the various social classes and races that comprise women's history across time. (IRF)

Attributes: DV, HM, TPJ, WGS

3 Credits

HIST 12700 Women and the American Experience, 1870-2000 (LA)

Examines women's lives between Reconstruction and the Clinton era. A major focus will be to understand how class, ethnicity, and race influenced American women's work, family life, and organized activities across time. As we build our chronological framework, we will explore immigration, industrialization, female sexuality, women and the Depression, women and WWII, women and reform, the "feminine mystique," the Civil Rights Movement, the women's movement, and the American Indian Movement. The course will emphasize diversity and change among various social classes, races, and ethnic groups that comprised our history. (IRR)

Attributes: DV, HM, TPJ, WGS

3 Credits

HIST 14100 From the Margins: European Social History, 1450-1945 (LA)

Course about individuals (e.g., women, plebeians, LGBT individuals, and racial and religious minorities) who are typically left out of standard narratives of European history. Study of such historically marginalized individuals sheds light on the values, beliefs, and practices of previous generations. Not open to seniors. (F,S,Y)

Attributes: DV, HM, TIDE, TPJ, WGS, WGSJ

3 Credits

HIST 15100 The Past Is Present: The Relevancies of History (LA)

People tend quite naturally to think in present terms and see the world as it is around them. The present, however, does not exist independently of the past. This course uses a series of videotapes, readings, and group discussions to link the past to the present in a variety of ways. (F,Y)

Attributes: 1, H, HU

3 Credits

HIST 16800 1968: A U.S. Revolution (LA)

Focuses on the most tumultuous year in modern American history, exploring a range of themes in the history of the wider era -- Civil Rights, Cold War and Vietnam War, generational change/student movements, and a shift in politics to the right -- in a way that brings the moment to life and frames it in human terms. Examines student life, popular culture, and personal stories from 1968 to illuminate how much the nation changed in this era. (IRR)

Attributes: HM, HU, TIDE, TPJ

3 Credits

HIST 17700 Voting: U.S. Elections in Historical Context (LA)

This course examines the history of voting and elections in the United States, with particular attention to how and why voting patterns have shifted over time. Offered every fall semester during national elections (even-numbered years), students will gain the context necessary to understand current events by learning the history of suffrage and the evolution of the American party system. (E,F)

Attributes: HI2

1 Credit

HIST 18100 World Civilization I (LA)

A comparative survey of world civilizations from the beginnings of humanity to the age of exploration in the 16th century. Considers the nature of early hunting-gathering societies, the impact of agriculture, the introduction of metallurgy (bronze and iron), and the evolution of civilizations in Eurasia, Africa, and the New World. Students may not receive credit for both HIST 18100 and HIST 10100. Not open to seniors except by permission of instructor. (F,Y)

Attributes: G, HM, TIDE, TPJ

3 Credits

HIST 18200 World Civilization II (LA)

Continuation of HIST 18100, extending from the age of exploration in the 16th century to the present. Considers a "world made one" by the voyages of Columbus and others, the expansion of contacts into the 20th century, and the possible development of a global civilization. Students may not receive credit for both HIST 18200 and HIST 10200. Not open to seniors except by permission of instructor. (S,Y)

Attributes: 1, G, H, HM, HU, TIDE, TPJ

3 Credits

HIST 18400 The Islands: Caribbean History 1492-present (LA)

Exploration of the history of the Caribbean as a transnational, multi-racial, multi-cultural, and globalized space. Focus on how the Caribbean embodies and challenges ideas about the relationship of the United States to the rest of the hemisphere. (IRR)

Attributes: ADSE, HM, LAEL, LSCH, LXME, NASE, RPRE, TIDE, TQSF

3 Credits

HIST 18500 Selected Topics in Historical Studies (LA)

Occasional courses of an exploratory nature are offered under these numbers and title. These may be of lecture or seminar format, of great breadth or highly specialized. There is no prerequisite. This course may be repeated for credit for a total of three credits for selected topics on different subjects. (IRR)

Attributes: HU

1-3 Credits

HIST 18501 Selected Topics: Historical Studies (LA)

Occasional courses of an exploratory nature are offered under these numbers and title. These may be of lecture or seminar format, of great breadth or highly specialized. There is no prerequisite. This course may be repeated for a total of three credits for selected topics on different subjects. (IRR)

1-3 Credits

HIST 20900 Ethnic United States since the Civil War (LA)

Explores the cultures and social structures that various immigrant groups brought to the United States, their interaction with the dominant Anglo-Saxon culture, and the kind of multiethnic society the United States has built (melting pot or tossed salad). This course counts toward the U.S. history requirement for history department majors. Prerequisites: Sophomore standing. (S,Y)

Attributes: DV, HI2, HM, LSCH, LXME, TPJ

3 Credits

HIST 21000 The United States Labor Movement (LA)

Explores labor history from 1840 to the 1970s. Based on two premises: first, that labor history is an essential ingredient to the understanding of American history; and second, that labor history must extend beyond traditional union history into the lives and aspirations of the workers themselves. Thus, the course looks beyond the union halls into the homes and hearts of the men and women who have built America. This course counts toward the U.S. history requirement for history department majors. Prerequisites: Sophomore standing. (IRR)

Attributes: 1, H, HI2, HU

3 Credits

HIST 21100 The United States and Vietnam 1945-1990 (LA)

Through readings, films, and student research, explores the history of the United States' involvement in Southeast Asia from World War II to 1990. It emphasizes the origins and reason for the Vietnam War, the impact of the war on all participants, and the aftermath of the defeat of the U.S. effort. This course counts toward the U.S. history requirement for history department majors. Prerequisites: Sophomore standing. (S,Y)

Attributes: HI2, HU
3 Credits

HIST 21500 The Heritage of China: Introduction to Chinese Culture (LA)

Introduces important aspects of China's cultural history and traditions. Exposes students to central ideas in Chinese philosophy and religion, to masterworks of Chinese art, drama, and literature, as well as to other important topics pertaining to language, family, and science. This course counts toward the global requirement for History department majors.

Prerequisite: Sophomore standing. (IRR)

Attributes: HI3, HM, HU, RPRE, TIDE

3 Credits

HIST 22100 Russian History (LA)

Russian history from antiquity to the 1917 revolution. Emphasis is placed on political, social, and intellectual developments. This course counts towards the European requirement for history department majors. Prerequisite: Sophomore standing. (F,Y)

Attributes: G, H, HI1, INBG

3 Credits

HIST 22200 The USSR: History and Legacies (LA)

An interdisciplinary study of Soviet history that applies varied historical interpretations and methodologies to provide an integrative analysis of the USSR and post-Soviet era. This course counts toward the European requirement for history department majors. Prerequisite: Sophomore standing. (S,Y)

Attributes: G, H, HI1, HM, INBG, TIDE, TWOS

3 Credits

HIST 22300 Rise and Fall of the British Empire (LA)

Explores the scope of the empire, ranging across North America, Australia, New Zealand, the Middle East, and India, and how populations in both Britain and the colonized regions responded to empire. Topics include the technologies of power that enabled Britain to administer such a large area, how imperial power was implicated in the construction of knowledge that introduced these regions to a European audience, the dissolution of the empire in the 20th century, and the postcolonial legacy that continues to shape these former imperial possessions and the modern British state. Counts toward the global history requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: AACH, AASE, HI3, HU

3 Credits

HIST 22400 Modern South Asia (LA)

Considers the history of modern South Asia from about 1500 to the present day. Begins with a background overview of early cultural and political history, then proceeds through the rise of the Mughal Empire and regional Indian powers, the coming of the British, the Sepoy mutiny/rebellion, the rise of nationalism Hindu-Muslim communal tensions, partition and the formation of India and Pakistan, concluding with contemporary cultural and political issues, such as the rights of women, dalits and religious minorities, the middle class and globalization, Indo-Pak relations, and the development of nuclear powers in South Asia. Counts toward the global history requirement for history department majors. (IRR)

Attributes: AACI, AASE, HI3, INBG, RPRE, RSEA

3 Credits

HIST 22500 Women in Search of Utopia (LA)

Explores how women in both America and the greater British imperial domain have analyzed the social construction of gender, particularly as it related to family, politics, work roles, and war. Using both utopian fiction written by women and the utopian experiments in which they participated, it examines issues of race, class, and gender through this prism. By exploring how women envisioned better worlds for themselves, it emphasizes historical context as a critical part of analyzing these utopias and why women's utopian visions changed over time. For History Department majors, this course fulfills the U.S. History requirement.

Prerequisites: Sophomore standing. (IRR)

Attributes: HI2, HM, TIDE, TPJ, WGS

3 Credits

HIST 22700 Islamic Civilizations: Muhammad to the 19th Century (LA)

Explores the worldwide development of Islamic societies, beginning in the Arabian peninsula just before the time of Muhammad, charts the rise and consolidation of Islam in Arabia, and follows the global development of Islamic societies from the Middle East to Europe and Asia. Considers articulations of Islamic identity worldwide and Islamic adaptations to varying social and cultural locations. The course ends as the European colonial powers encounter the Middle Eastern and Asian Islamic worlds. Counts toward the global history requirement for history department majors. (IRR)

Attributes: AASE, ADSE, G, H, HI3, HU, RPRE, RSEA

3 Credits

HIST 22800 Islam in the Modern World (LA)

Examines the scope and transformations of Islamic societies since the 19th century, including the decline of the Ottoman empire, encounters with European colonialism, the rise of nationalism and nation-states in the Middle East and Islamic Asia, the Arab-Israeli conflict, the partition of India, the Islamic revolution in Iran, and the rise of Islam in Europe and the United States. Considers also the tension between militancy and quietism, women's economic empowerment, changing gender roles, and the worldwide Muslim response to extremist violence and ideologies. Counts toward the global history requirement for history department majors. (IRR)

Attributes: HI3, HM, INBG, RSEA, TIDE, TPJ

3 Credits

HIST 23000 Science and Religion from the Ancient Near East to the Scientific Revolution (LA)

Examines interactions between science and religion from the ancient Near East through the scientific revolution in the seventeenth century, with focus on the transmission and development of scientific ideas from Mesopotamia to Greece, Egypt, Rome, the Muslim Empires, and early modern Europe, and on the interdependence of religious belief and scientific thought throughout this period. Counts toward either the European or the global requirement for history department majors. (IRR)

Attributes: H, HI1, HI3, HM, HU, RSEA, TIII

3 Credits

HIST 23100 Body and Society in Ancient Greece and Rome (LA)

This class examines ancient Greek and Roman social history through the lens of the body. Topics include sexuality and marriage, mythical paradigms of gendered behavior, legal rights and restrictions, fertility and other religious cults, notions of freedom and slavery, theories about body and soul, treatment of the dead, and ancient medical practices. While appreciating these aspects of ancient societies, another goal of this course will be to examine how people in the modern world have chosen certain aspects of ancient Greek and Roman civilizations to help define their own values. This course counts toward the European requirement for History Department Majors. (IRR)

Attributes: 1, CSA, G, H, HI1, HU

3 Credits

HIST 23200 Medieval Civilization (LA)

Major emphasis is placed on the course of events in Europe and the Near East from the 4th through the 15th centuries, with particular stress on the major institutional and cultural developments. This course counts toward the European requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: 1, G, H, HI1, HU

3 Credits

HIST 23300 Colonial Latin America (LA)

An examination of ancient American civilizations establishes the context for the Spanish and Portuguese conquests and the imposition of Iberian culture in the development of Spanish and Portuguese colonies. The course continues with the international setting of the colonies, the decline of the colonial order, and outbreak of wars of independence in the early 19th century. Counts toward the global history requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: G, HI3, HM, LAEL, LAGC, LXME, NASE, RPRE, TIDE, TPJ

3 Credits

HIST 23400 Modern Latin America (LA)

To promote an understanding of contemporary Latin America, the course examines the political, economic, social, and cultural transformations in the 19th and 20th centuries. Major topics include the relationship of Latin America to Europe and the United States and the relationship of notions of race, class and gender to politics and economics. Counts toward the global history requirement for history department majors. Prerequisite: Sophomore standing. (F,S,Y)

Attributes: G, H, HI3, HM, INBG, LXME, NASE, RPRE, TIDE, TPJ

3 Credits

HIST 23500 The Discovery of the World (LA)

A consideration of the prerequisites of transoceanic voyages and an investigation of why, among the societies that developed oceanic maritime capabilities, it was Europe that "discovered" the world. This course counts toward the global requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: 1, G, H, HI3, HU

3 Credits

HIST 24000 Reimagining America: Politics, Religion, and Reform in the Antebellum U.S., 1815-1860 (LA)

Examines the period of humanitarian reform in the United States between 1815 and the outbreak of civil war that saw Americans completely reimagine their politics, economy, and society. Topics include democracy and the second-party system; canals, steamships, and railroads; immigration and demographic change; reconsideration of gender roles; religious movements and utopias; and reform movements. Counts toward the U.S. history requirement for history department majors. (IRR)

Attributes: H, HI2, HM, HU, LMEL, LSCO, RSEA, TMBS, TWOS, WGSC

3 Credits

HIST 24300 The City in United States History (LA)

The U.S. city: its development and impact on American society from the colonial period to the present. Changes in structure and function of the city in U.S. history and the effect of these changes on the lives of urban dwellers and American society in general. This course counts toward the U.S. history requirement for history department majors. Prerequisite: Sophomore standing. (O,E)

Attributes: ABSS, H, HI2

3 Credits

HIST 24500 The American Civil War (LA)

This course investigates how the Civil War transformed the United States, with an emphasis on the war as a revolutionary experience rather than as a military struggle. Topics include the legality of secession; the creation and demise of the Confederacy; civil liberties in wartime; emancipation; presidential leadership; challenges of the home fronts; the concept of total war; the lost cause ideology; and the imprint of war. This course counts toward the U.S. history requirement for history department majors. Prerequisite: Sophomore standing. (F,Y)

Attributes: DV, H, HI2, HM, HU, LMEL, LSCO, TIDE, TPJ

3 Credits

HIST 24600 After the American Civil War: Race, Reconstruction, & Reconciliation (LA)

This course investigates the aftermath of the American Civil War with an emphasis on race, reconstruction, and reconciliation. Topics include emancipation; the 13th, 14th, and 15th amendments; the Freedman's Bureau; the rise of the Ku Klux Klan; the development of the lost cause ideology; voting laws and civil rights; the rise of Jim Crow laws; the epidemic of lynching; the contested election of 1876; and how the memory of the war shapes race relations. This course counts toward the U.S. history requirement for Department majors. Prerequisite: sophomore standing. (IRR)

Attributes: ADSE, DV, HI2, LMEL, LSCO, RPRE

3 Credits

HIST 25500 Native American History (LA)

Covers Native American issues since 1492. This historical approach will acquaint students with the major events and processes that transformed Native American communities across the North American continent. Students will review the political, social, economic, and religious changes that took place as a result of native interactions with Euro-Americans and various government agencies since colonial times. Students will also address how Native Americans were represented by non-native peoples and how these images (and misrepresentations) changed over time. This course counts toward the United States History requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: HI2, HU, NACH, NASE

3 Credits

HIST 26200 The History of Commodities in the Americas (LA)

Examines the relationship of commodities to the larger fabric of Atlantic world history since the 15th century, exploring how the material world shapes social, political, and economic behaviors and attitudes. Considers how historians, scientists, economists, and other social scientists, have interpreted the social, political, environmental, and economic significance of particular commodities. Central to the course is a focus on how commodities have shaped the relationship between Latin America, the Caribbean, and the United States. This course addresses material goods (sugar, cod, fertilizer, etc.) as commodities, as well as the history of human trafficking, from the Trans-Atlantic Slave Trade to modern day slavery. Cross-listed with ENVS 26200; students cannot take both HIST 26200 and ENVS 26200 for credit. This course counts toward the global history requirement for history department majors. Prerequisites: Sophomore standing or above. (Y)

Attributes: ABSS, ENHU, ESHI, ESHU, HI3, HM, LMEL, LSCO, TQSF
3 Credits

HIST 26300 Intimate Friendships and Illicit Loves: The History of American Sexuality (LA)

This course connects the history of sexuality to the broader context of American history, from the colonial settlement through the sexual revolutions of the 1960s and 1970s. It pays attention to how sexual norms and sexual deviance have been defined and experienced historically, and how the changing notions of norms and deviance have shaped what is permissible and acceptable throughout our history. Among the topics covered are birth control and abortion; interracial and interethnic sexual identities; sexually transmitted diseases; prostitution; sexual violence; and lesbian, gay, bisexual, and transgender identities and communities. This course counts toward the U.S. history requirement for history department majors. Prerequisites: Sophomore standing. (IRR)

Attributes: DV, HI2, HM, TIDE, WGS
3 Credits

HIST 26700 The Salem Witchcraft Crisis of 1692 (LA)

After exploring the history of witchcraft in Europe (especially England) and America, the class will focus exclusively on the 1692 crisis. It will examine why the outbreaks occurred when they did, who was accused of witchcraft and why, how the outbreaks reflected social and cultural values, and how the crises were resolved. Issues of religion, class, social structure, and especially gender will form the backdrop against which these broader questions will be examined. This course counts toward the U.S. history requirement for history department majors. Prerequisites: Sophomore standing and WRTG 10600, or ICSM 10800, or ICSM 11800. (IRR)

Attributes: HI2, HM, LMEL, LSCO, TPJ, WGS, WI
3 Credits

HIST 27000 History of American Environmental Thought (LA)

A pervasive theme in the occupancy of North America is the changing and often conflicting perception of the environment. This course focuses on the history of environmental ideas, values, behaviors, and attitudes. Topics include capitalist, Romantic, and ecological thinking; the goals of conservation and preservation; recent rethinking of primitive experience and the idea of wilderness; and today's dialogue between mainstream environmentalism and deep ecology, the latter including ecofeminism, sustainable development, and biodiversity. Students examine the profound impact each of the paradigms has had on human-environment relations in America. This course counts toward the U.S. history requirement for history department majors. Cross-listed with ENVS 27000. Prerequisite: Sophomore standing. (Y)

Attributes: ABSS, ENHU, ESHI, ESHU, H, HI2, HM, LMEL, LSCO, SL, TQSF
3 Credits

HIST 27100 Global Environmental History (LA)

An introduction to the field of global environmental history that explores nature's role in world history and the ways human systems of energy, agriculture, resource extraction, trade, and transportation have affected the environment over time and vice versa. Primarily focuses on the historical impacts of environmental change around the world since the start of the industrial revolution (c. 1750). This course counts toward the global history requirement for history department majors. Cross-listed with ENVS 27100; students cannot take both HIST 27100 and ENVS 27100 for credit. Prerequisites: Sophomore standing or above. (IRR)

Attributes: ABSS, ENHU, ESHI, ESHU, HI3, LMEL, LSCO
3 Credits

HIST 27200 History of the Future (LA)

An examination of historical perceptions and visions of the future. Utopian thought and societies, science and technology, war and peace, the environment, and gender relations are the historical themes assessed. This course counts toward either the European or the U.S. history requirement for history department majors. Prerequisite:

Sophomore standing. (IRR)

Attributes: 1, ENHU, ESHU, H, HI1, HI2, HM, HU, TIDE, TQSF
3 Credits

HIST 27300 Global Revolutions in the 20th and 21st Centuries (LA)

An exploration of ideas, concepts, and backgrounds of world revolutions in the 20th and 21st centuries. Applying various models of revolution in Europe, Asia, Africa, and the Americas, the course emphasizes culture as the leading influence in modern revolutions. This course counts toward the global requirement for history department majors. Prerequisite:

Sophomore standing. (F,Y)

Attributes: AASE, ADSE, G, H, HI3, HM, INBG, LXME, NASE, TPJ, TWOS
3 Credits

HIST 27500 The History of United States Popular Culture (LA)

Explores the history of popular culture in the United States from the earliest mass media genres to the contemporary era, including minstrelsy, novels, photography, baseball, movies, radio, and television. Emphasis is placed upon a number of important themes in American social history and how they affected popular culture differently in different eras -- gender roles, race, and the role of changing technology. This course counts toward the U.S. history requirement for department majors.

Prerequisite: Sophomore standing. (IRR)

Attributes: 1, H, HI2, HM, HU, TIDE
3 Credits

HIST 27800 Japan under Samurai Rule (LA)

In the United States the word "samurai" often evokes the image of a sword-wielding Japanese male dedicated to martial arts and Zen, nobly pursuing a life of strict discipline and loyalty to his lord -- and ready to die at a moment's notice. This romanticized image was lived by few actual samurai over the 450 or so years during which they held sway. This course explores the changing and complex role of the samurai in Japan from 1200 to 1868 and considers what it was like to live under samurai rule for the other 90 percent or so of the population. This course counts toward the global requirement for history department majors.

Prerequisite: Sophomore standing or above. (IRR)

Attributes: HI3, HU
3 Credits

HIST 27900 Modern Japan, 1868 to the Present (LA)

In 1868 samurai executed a revolution that would soon dissolve the samurai as a class and begin transformations rapidly bringing Japan in the late 19th century's competitive maelstrom. Japan's new leaders pursued an imperialist path, gradually bringing the nation into conflict with much of Asia and then with the United States and Europe. After World War II, Japan peacefully developed a vibrant culture and dynamic economy. We will consider the forces of change and the processes Japan has experienced and pursued from mid-18th century to its competition with other Asian economies today. This course counts toward the global requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: HI3, INBG
3 Credits

HIST 28100 The Nation-State and its Others, 1789-1914 (LA)

This course will examine the rise of nationalism and the nation-state in the wake of the French Revolution. Topics discussed will include the rise of national and independence movements in the early 19th century as well as national unifications in the late 19th century. This class will also examine the European nations' shifting processes of inclusion and exclusion in the 19th century. Counts toward the European history requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: HI1, HU
3 Credits

HIST 28200 Dictatorships and Democracies in 20th Century Europe (LA)

This will be a study of economic, social, and political events in Europe in the 20th century. A central theme of this course will be why a few countries maintained viable democracies while most others succumbed to dictatorships. Special attention will be given to the similarities and differences in the treatment of minority populations in democracies and dictatorships. Counts toward the European requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: HI1, HM, HU, TIDE, TPJ
3 Credits

HIST 28300 Society and Sovereignty in French History, 1550-1815 (LA)

This class will examine political, cultural, and social transformations in France across three centuries. We will begin with a discussion of the treatment of minorities (Huguenots and women) during the French Wars of Religion (1562-1598). We will then discuss theories of absolutism and their repercussions for the aristocracy. After that, we move to a discussion of the "High Enlightenment" and "Low Enlightenment," considering in particular the relationship of new ideas to changes in political culture on the eve of the French Revolution of 1789. Finally, we will consider continuities and changes in governance, social institutions, and human rights during the decades of revolutionary and napoleonic rule. Prerequisite: Sophomore standing, and WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)

Attributes: HM, LMEL, LSCO, TPJ, WI
3 Credits

HIST 29000 The History of U.S. Foreign Relations (LA)

Survey of the prejudices, values, and ideologies that lie behind U.S. foreign policy. Course covers relations with major states and areas of the world from the origins of the nation until the post-Cold War era. Special attention is given to the relationship between social, economic, and political changes in the United States and their effect on foreign relations over time. This course counts toward the U.S. history requirement for history department majors. Prerequisites: WRTG 10600 or ICSM 10800/11800, and sophomore standing. (F,O)

Attributes: H, HI2, HU, LMEL, LSCO, WI
3 Credits

HIST 29100-29105 Selected Topics: Studies in European History (LA)

Occasional courses of an experimental nature are offered under this number and title. These may be of lecture and/or discussion format, of great breadth, or highly specialized. Any prerequisites are announced when printed descriptions of the study topic are distributed. This course may be repeated for credit for selected topics on different subjects. This course counts toward the European requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: H, HI1, HU
3 Credits

HIST 29200-29204 Selected Topics: Studies in Global History (LA)

Occasional courses of an experimental nature are offered under this number and title. These may be of lecture and/or discussion format, of great breadth, or highly specialized. Any prerequisites are announced when printed descriptions of the study topic are distributed. This course may be repeated for credit for selected topics on different subjects. This course counts toward the global requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: 1, ENHU, ESHI, ESHU, G, H, HI3, HM, HU, TQSF, TWOS
3 Credits

HIST 29300-29304 Selected Topics: Studies in U.S. History (LA)

Occasional courses of an experimental nature are offered under this number and title. These may be of lecture and/or discussion format, of great breadth, or highly specialized. Any prerequisites are announced when printed descriptions of the study topic are distributed. This course may be repeated for credit for selected topics on different subjects. This course counts toward the U.S. requirement for history department majors. Prerequisite: Sophomore standing. (IRR)

Attributes: HI2, HU
3 Credits

HIST 29900 Independent Study: History (LA)

Special research on an individual project arranged by a student with a particular faculty member. The project may include reading books and/or writing papers under the guidance of the faculty member, with a performance expectation of sophomore-level work. Offered on demand only. Prerequisite: Sophomore standing.

Attributes: UND
1-3 Credits

HIST 30000 History Lab (NLA)

Focuses on honing research and writing skills necessary for upper-level history courses. Addresses all aspects of producing history research papers, including the formulation of research topics and questions; the identification, acquisition, analysis, and citation of primary and secondary sources; and the writing process itself. Should typically be taken simultaneously with a student's first 300-level History course. Corequisite: Any level-3 HIST course. (F-S,Y)

1 Credit

HIST 30100 The Renaissance and Reformation (LA)

Consideration of the major trends in world history between 1409 and 1660, including the Renaissance, the expansion of Europe, the development of the modern state system, and the Protestant revolts. Also included are major developments in Asia, Africa, and the Americas. This course counts toward the European requirement for history department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: 1, G, H, HI1, HU, RSEA
3 Credits

HIST 30200 The Old Regime and the French Revolution (LA)

Political, social, and intellectual upheaval in 17th- and 18th-century Europe. Rise and decline of absolutism and the age of revolution. Napoleon prior to 1814. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: 1, G, H, HI1, HU
3 Credits

HIST 30300 The Colonial Period of American History: 1607-1763 (LA)

Intensive examination of the origins of American culture and society (family, community, social structure). This course counts toward the U.S. history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (F,O)

Attributes: HI2, HU
3 Credits

HIST 30400 The Age of the American Revolution (LA)

This course will place the American Revolution within the context of colonial demographic, economic, social, political, and cultural development during the latter half of the 18th century. It will focus on the tangible events of colonial resistance, forming a confederation, drafting and ratifying the Constitution, and splitting into opposing political camps as well as the intangible impact of ideologies such as republicanism and nationalism. It will explore more specifically how women, Indians, blacks, the wealthy and the poor affected and were affected by the Revolution. This course counts toward the U.S. history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (S,O)

Attributes: 1, HI2, HU
3 Credits

HIST 30500 Jeffersonian and Jacksonian America: Expansion and Reform (LA)

This course charts the transformation of society from the divisive election of Thomas Jefferson through Andrew Jackson's "age of the common man." Explores the legacy of the American Revolution, westward expansion, slavery, industrialization and the market economy, class, and reform movements such as temperance, moral reform, utopianism, and abolition. Counts toward the U.S. history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: HI2, HU
3 Credits

HIST 30600 The House Divided: The United States in the Long 19th Century, 1800-1914 (LA)

This course traces the development of the United States over the "long 19th century," from 1800 to 1914. Particular attention will be paid to the "House Divided" and the division that led to civil war at mid-century and how reunification facilitated the country's emergence as a world power. This course meets the U. S. distribution requirement for department majors. Prerequisites: Any 200-level HIST course. (IRR)

Attributes: HI2
3 Credits

HIST 30700 The United States in the Age of Global Crisis, 1914-1945 (LA)

Intensive study of the elements that have made the United States a dominant nation in the 20th century. Probes the complex 1920s, the crisis and reform impulses of the Great Depression era, and the impact of both world wars on American society. This course counts toward the United States history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: HI2, HU
3 Credits

HIST 30800 The United States in the Age of Cold War (LA)

Emphasizes the interrelationships between foreign and domestic policy since World War II. Special attention is paid to the Cold War, McCarthyism, the 1950s ethos, the social movements of the 1960s and 1970s, the Vietnam War, and the rise of the political right. This course counts toward the United States history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: HI2, HU
3 Credits

HIST 31000 The American Frontier: 1840-1890 (LA)

A cross-disciplinary perspective on the process of settlement into the trans-Mississippi West, drawing from women's studies, social theory, anthropology, literature, and geography. This course counts toward the U.S. history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: HI2, HU
3 Credits

HIST 31300 The Other Europe: Modern Eastern and Central Europe (LA)

Examines events and developments in Eastern and Central Europe from 1945 through the end of the Cold War. The course reviews the region's historical-cultural background, but concentrates on governance, ideology, politics, economics, society, and culture during the past 50 years. Special focus on the development of independent dissident activities, their challenge to dominant authoritarian models during the period, and the future of the region in a changing Europe. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: G, H, HI1, INBG
3 Credits

HIST 32000 The United States and the Third World (LA)

An examination of the role of the United States in the modern history and cultural evolution of Africa, Asia, the Middle East, and Latin America. Course includes study of the attitudes, influences, and actions of the United States regarding the nations and peoples of these areas in the 19th and 20th centuries. A search for the forces that explain the understanding, or misunderstanding, of third-world cultures by people in the United States. This course counts toward the U.S. history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (S,O)

Attributes: HI2, INBG
3 Credits

HIST 32500 United States Business History (LA)

U.S. business history from 1815 to 1960: a study of the development of the vertically integrated corporation and its social and political impact on American society. This course counts toward the U.S. history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: HI2, HU
3 Credits

HIST 33800 Africa in World Politics (LA)

Examination of the international policy framework of diverse African countries and their participation in regional and global politics. Students explore Africa's changing position in the global economy and complex relationships with the African diaspora, Middle East, communist East, Western societies, and other African countries. Includes contemporary debates over policy responses to the war against terrorism, the global politics of international aid, Western gender diplomacy, AIDS discourse, environment politics, the diamond trails, and African passivity and isolation through a radical recentering of the continent in global politics and history. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: HI1, INBG

3 Credits

HIST 34300 China and the Opium Trade in International Context (LA)

By the early 1800s the British East India Company controlled poppy-growing lands between South and East Asia, expanded opium production and promoted opium addiction in China as a way to solve an unfavorable balance of trade. Using the effects of the opium trade on China, this course examines the connections between narcotics, imperialism in the 19th century, and the many military and political conflicts of the 20th century. This course counts toward the global requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)

Attributes: HI3, HU

3 Credits

HIST 34400 Japan's War in Asia and the Pacific, 1931-1945 (LA)

Long before Pearl Harbor, Japan had seized power in Manchuria (1931) and invaded China proper (1937). Therefore, in the Asian context the conflict is sometimes called the Fifteen-Year War. This course examines the background to Japan's military aggression in Asia, the war within the United States, why the war was conducted with exceptional brutality, and why its repercussions are still felt 60+ years after the war's end. We will investigate tensions among Japan, Asia, and the United States still generated by the residue of the war and seek both causes and possible solutions to those tensions. This course counts toward the global requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)

Attributes: HI3, HU

3 Credits

HIST 35100 English History to 1714 (LA)

Study of English history, principally in the Tudor and Stuart periods: the early Tudors, the culture and institutions of Elizabethan England, the religious and political struggle of Stuart and Cromwellian England. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)

Attributes: HI1, HU

3 Credits

HIST 35200 Monks, Heretics, and Scholars: The Culture of the High Middle Ages (LA)

Focus on the "High Middle Ages" (roughly 1100-1350) in Europe, through a close examination of the areas of greatest cultural and intellectual change. Examines increasing religious controversies, invention of new institutions of learning, and development of new habits of thinking about God and nature. Counts toward either the European or the global requirement for history department majors. Prerequisites: one 200-level HIST course or permission of instructor. (IRR)

Attributes: HI1, HI3, HU, RSEA

3 Credits

HIST 35300 Ancient Greece (LA)

Study of topics in the history of ancient Greek civilization, from the archaic age through the time of the Hellenistic monarchies. Both ancient and modern sources are sampled extensively. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)

Attributes: 1, CSA, G, H, HI1, HU

3 Credits

HIST 35400 Imperial and Weimar Germany (LA)

One of the key questions of German history is whether the nation took a "special path" resulting inevitably in Nazism. This course is organized around this theme. It will examine Germany from the Wars of Unification through the end of the Weimar Republic, focusing particularly on social, political, and economic trends. Counts toward the European history requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)

Attributes: GERM, HI1, HU

3 Credits

HIST 35500 Totalitarianism in Germany, 1933-1989 (LA)

In *The Origins of Totalitarianism* Hannah Arendt argued that Nazism and Communism were similar political systems. This idea will be the starting point for this class, which will examine two dictatorships, those of Nazi Germany and the German Democratic Republic (the communist system in East Germany). Counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)

Attributes: GERM, HI1, HU

3 Credits

HIST 36200 Modern European Intellectual History (LA)

A survey of European thought in the modern era, exploring in depth contemporary scientific, religious, aesthetic, and existentialist ideas. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. Also offered through the London Center (F-S,Y); (IRR).

Attributes: 1, G, H, HI1, HU

3 Credits

HIST 36500 Race, Politics, Ideology, and the Coming of the American Civil War, 1820-1861 (LA)

Why did the American Civil War break out in 1861? This course investigates the development of a North versus South mentality during the four decades preceding the American Civil War and why war came when it did. Topics include slavery and the rise of the Old South; the Missouri crisis; nullification and the concurrent majority; territorial expansion; divergent economic development; the Compromise of 1850; Bleeding Kansas; the rise of abolitionist political parties; and secession, among others. This course counts toward the U.S. history requirement for history department majors. Prerequisites: One 200-level HIST course; WRTG 10600 or ICSM 10800 or ICSM 11800. (IRR)

Attributes: HI2, HU, WI

3 Credits

HIST 37000 Slavery and the Old South: From Settlement through Reconstruction (LA)

This course on the Old South will examine the rise and fall of the cotton kingdom with a focus on how the planter elite used slavery to dominate and shape southern society. While the South's colonial antecedents will be considered, the focus of this course will be on the development of the South as a conscious minority during the antebellum era and the death of the Old South as a result of the American Civil War and Reconstruction. This course counts toward the U.S. requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (S,IRR)

Attributes: ADCH, ADSE, HI2, HU, RPPE

3 Credits

HIST 37500 America Through Travelers' Eyes, 1800-1860 (LA)

This course interprets American history through the prism of travelers' reports. Many foreign visitors came to the United States in the early 19th century, drawn by its reputation as a beacon of liberty and innovation. In particular, foreigners sought to understand what democracy looked like in practice; assess how well Americans adhered to the principles articulated during the Revolutionary War; and investigate how a variety of reform movements were transforming society. For majors, this course meets the U.S. distribution requirement. Prerequisites: Any 200-level HIST course. (IRR)

Attributes: HI2

3 Credits

HIST 38300 Revolutionary China (LA)

Study of China and its passage from celestial empire to communist republic through two world wars and two revolutions. The assumptions and realities of China are considered, as well as the processes that led to them. This course counts toward the global requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)

Attributes: AAPL, AASE, HI3, HU, RPPE

3 Credits

HIST 38700 History of Disease and Health in Latin America (LA)

Examination of the history of disease and health in Latin America from the pre-Columbian period until the present day. The course considers the various ways that diseases, and ideas about disease, have been shaped by race, gender, class, nationalist ideologies, agricultural and trade practices, and politics. Counts toward either the European or the global requirement for history department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: HI3, HU, LMEL, LSCO, LXME, RPPE, SS, WGS, WGS3, WGS1

3 Credits

HIST 38800 Revolution and Counterrevolution in the Americas (LA)

This course will follow two broad, and intertwining histories: revolution and counterrevolution within specific Latin American nations and US-Latin American foreign relations. Our main focus is on Central America, Argentina, Mexico, and Chile. In the course we consider how and why state violence occurs, how and why state actors (including the military, the police, and bureaucrats among others) use and rationalize violence, and the relationship between social movements and state repression. Finally, we will investigate how gendered questions of national, ethnic, and community identity, political allegiance, and family shaped political actors on both the left and the right. Prerequisites: One 200-level HIST course. (O)

Attributes: HI3, LSCH, LXME, RPPE, WGSC

3 Credits

HIST 39100-39103 Selected Topics: Studies in European History (LA)

Occasional courses of an experimental nature are offered under this number and title. These may be of lecture and/or discussion format, of great breadth, or highly specialized. Any additional prerequisites are announced when printed descriptions of the study topic are distributed. This course may be repeated for credit for selected topics on different subjects. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing or above. (IRR)

Attributes: H, HI1, HU

3 Credits

HIST 39200-39205 Selected Topics: Studies in Global History (LA)

Occasional courses of an experimental nature are offered under this number and title. These may be of lecture and/or discussion format, of great breadth, or highly specialized. Any additional prerequisites are announced when printed descriptions of the study topic are distributed. This course may be repeated for credit for selected topics on different subjects. This course counts toward the global requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: HI3, LAEL, LAGC

3 Credits

HIST 39300-39303 Selected Topics: Studies in U.S. History (LA)

Occasional courses of an experimental nature are offered under this number and title. These may be of lecture and/or discussion format, of great breadth, or highly specialized. Any additional prerequisites are announced when printed descriptions of the study topic are distributed. This course may be repeated for credit for selected topics on different subjects. This course counts toward the United States requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. (IRR)

Attributes: H, HI2, HU

3 Credits

HIST 39500 British History: 1815-1914 (LA)

British history is discussed with major emphasis placed on England in 1815. The Great Reform Act, Robert Peel, Palmerston, Gladstone, trade unions, Ireland, imperialism, liberalism 1906-14, Parliament versus lords, and causes of World War I are discussed. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. Offered only through the London Center. (F,Y)

Attributes: HI1, HU

3 Credits

HIST 39600 Modern British History 1914 to Present (LA)

Great Britain's role in Europe and the East since World War I. Major emphasis is placed on British foreign policy and the figures of Lloyd George, Chamberlain, Churchill, MacMillan, and Wilson. This course counts toward the European requirement for history department majors. Prerequisites: One 20000-level HIST course; sophomore standing. Offered only through the London Center. (S,Y)
Attributes: H, HI1, INBG
3 Credits

HIST 39900 Independent Study: History (LA)

Special research on an individual project arranged by a student with a particular faculty member. The project may include reading books and/or writing papers under the guidance of the faculty member, with a performance expectation of junior-level work. Offered on demand only. Prerequisites: Junior standing, or equivalent.
Attributes: UND
1-3 Credits

HIST 48100-48101 European Research Seminar (LA)

Intensive reading, research, and writing seminar in European history, culminating in a significant research paper. This course counts toward the European requirement for history department majors. Must be taken at home campus. This course may be repeated for credit for different selected topics. Prerequisites: Permission of instructor. (Y)
Attributes: HI1, HU, WI
3 Credits

HIST 48200-48201 Global Research Seminar (LA)

Intensive reading, research, and writing seminar in Global history, culminating in a significant research paper. This course counts toward the Global requirement for history department majors. Must be taken at home campus. This course may be repeated for credit for different selected topics. Prerequisites: WRTG10600 or ICSM10800-10899 or ICSM11800-11899; permission of instructor. (Y)
Attributes: AACI, AASE, HI3, LAEL, LAGC, WI
3 Credits

HIST 48300-48301 United States Research Seminar (LA)

Intensive reading, research, and writing seminar in United States history, culminating in a significant research paper. This course counts toward the United States requirement for history department majors. Must be taken at home campus. This course may be repeated for credit for different selected topics. Prerequisites: Permission of instructor. (Y)
Attributes: HI2, HU, WI
3 Credits

HIST 49100 European Research Tutorial (LA)

Intensive reading, research, and writing tutorial in European history, culminating in a significant research paper. Students share a common syllabus but meet individually with faculty. This course counts toward the European requirement for history department majors. Must be taken at home campus. This course may be repeated for credit for different selected topics. Prerequisites: Permission of instructor. (IRR)
Attributes: HI1, WI
3 Credits

HIST 49200 Global Research Tutorial (LA)

Intensive reading, research, and writing tutorial in Global history, culminating in a significant research paper. Students share a common syllabus but meet individually with faculty. This course counts toward the Global requirement for history department majors. Must be taken at home campus. This course may be repeated for credit for different selected topics. Prerequisites: Permission of instructor. (IRR)
Attributes: HI3, WI
3 Credits

HIST 49300 United States Research Tutorial (LA)

Intensive reading, research, and writing tutorial in United States history, culminating in a significant research paper. Students share a common syllabus but meet individually with faculty. This course counts toward the United States requirement for history department majors. Must be taken at home campus. This course may be repeated for credit for different selected topics. Prerequisites: Permission of instructor. (IRR)
Attributes: HI2, HU, WI
3 Credits

HIST 49400 History Capstone (LA)

Provides history and social studies majors with a capstone experience for both the Ithaca Core Curriculum and their work in their majors. Students reflect upon their learning in the various components of the ICC, the way the ICC relates to the discipline of History, in addition to connecting their undergraduate work to the paths they will take after graduation. Restricted to history and social studies with teaching option majors only. Prerequisite: Senior standing. Pass/Fail only. (F,S,Y)
Attributes: CP, HI2, HU
1 Credit

HIST 49500 History Internship (NLA)

An opportunity for practical experience in a variety of history-related activities in the United States, under the joint supervision of the sponsoring agency and a history department faculty member. Internships are arranged individually and must be approved by the chair of the history department. Prerequisites: Four history courses; junior standing or above; permission of instructor and chair. Available for variable credit; only may be counted toward the history major. (IRR)
Attributes: HI2, UND
1-6 Credits

HIST 49700 International History Internship (NLA)

An opportunity for practical experience in a variety of history-related activities under the joint supervision of the Office of International Programs (London Center) and a history department faculty member on the Ithaca College campus. Internships are arranged individually through the Office of International Programs, but must be approved by the chair of the history department. Prerequisites: Three history courses, two of which are at level 3 or above; permission of instructor and chairperson. (IRR)
Attributes: HI1
1-4 Credits

HIST 49900 Independent Study: History (LA)

Special research on an individual project arranged by a student with a particular faculty member. The project may include reading books and/or writing papers under the guidance of the faculty member, with a performance expectation of senior-level work. Offered on demand only. Prerequisites: Senior standing, or equivalent.
Attributes: UND
1-3 Credits

History Major – B.A.

Summary

Code	Title	Credits
	History B.A. Major Requirements	41-47
	Integrative Core Curriculum Requirements ¹	28-40
	Electives	33-51
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

No more than 4 credits at the grade of C- or below may be counted toward meeting the requirements of the history major. AP courses in History may not be counted toward major requirements.

Code	Title	Credits
CORE COURSES		
HIST 30000	History Lab	1
HIST 49400	History Capstone	1
ADDITIONAL HISTORY COURSES		39

History majors must complete an additional 39 credits in history. These courses must fulfill the following minimum criteria for level and area of focus:

Level Criteria

At least 6 credits, and no more than 12 credits, at level 1

At least 27 credits at level 2 and above

At least 15 credits at level 3 and above; of these 15 credits, at least 6 credits must be in a tutorial or seminar at level 4

Area Criteria

The 27 credits (nine 3-credit courses) at level 2 and above must include:

A minimum of 6 credits in European history

A minimum of 6 credits in United States history

A minimum of 6 credits in global history

FOREIGN LANGUAGE PROFICIENCY

All history majors must demonstrate proficiency at college-level language study, in a language other than English, through the beginner level. This can be done in one of three ways: 1) taking 101 and 102 for 6 credits; 2) placing into and taking 102 for 3 credits; or 3) taking the proficiency exam and testing into 201 or above, in which case the requirement is met and no additional foreign language credits are required.

Language courses taken in the Department of Modern Languages and Literatures at Ithaca College for this requirement must be in a language other than English; must be taken for a letter grade; and students must earn a C- or better in language courses. As a department requirement, grades in language courses count toward department policies (only 4 credits at a C- or below may apply to courses in the major). In addition, American Sign Language cannot be used to fulfill this requirement.

Total Credits **41-47**

Social Studies Major – B.A. with Teaching Option

No additional students are being admitted to this program as of Fall 2021.

This program prepares students for initial New York State certification to teach at the secondary school (7-12) level.

Summary

Code	Title	Credits
	Social Studies B.A. Content Area Requirements	52
	Core Education Requirements	41-47
	Integrative Core Curriculum Requirements ¹	17-29
	Electives	0-10
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

No more than 4 credits at the grade of C- or below may be counted toward meeting the requirement of the Social Studies major. AP courses in History may not be counted towards major requirements.

Code	Title	Credits
CORE HISTORY COURSES		
HIST 11100	Founding a Nation: United States History to 1877	3
HIST 11200	Building Modern America: United States History since 1877	3
HIST 18100	World Civilization I	3
HIST 18200	World Civilization II	3
HIST 30000	History Lab	1

ADDITIONAL HISTORY COURSES

Social Studies majors must complete an additional 21 credits in history. These credits must fulfill the following minimum criteria for level and area of focus:

Level Criteria

A maximum of 3 credits at level 1

At least 12 credits at level 3 or above

At least 3 credits in a tutorial or seminar at level 4

Area Criteria

A minimum of six credits at the 200-level or above designated European history

A minimum of six credits at the 200-level or above designated United States history

A minimum of six credits at the 200-level or above designated global history

CREDITS FROM SOCIAL SCIENCE DEPARTMENTS

ANTH 10400	Cultural Anthropology	3
ECON 12100	Principles of Macroeconomics	3
ECON 12200	Principles of Microeconomics	3
ENVS 22000	Human-Environment Geography	3
SOCI 10100	Introduction to Sociology	3
POLT 10100	U.S. Politics	3

CORE EDUCATION REQUIREMENTS

EDUC 10200	Reading Foundations	2
EDUC 20100	Technology for the Middle/Secondary School Teacher	2
EDUC 20200	Literacy Across the Disciplines for Middle and Secondary Education	2
EDUC 21010	Educational Psychology	3
EDUC 21800	Introduction to Pedagogy and Practice	3
EDUC 21910	Early Field Experience: Theory and Practice	3
EDUC 22900	Second Language Acquisition: Its Nature and Meaning for Educators	2
EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education	3
EDUC 40800	Professional Development Seminar	0
EDUC 40910	Pedagogy and Practice in the Teaching of Social Studies	3
EDUC 41210	Seminar in Reflective Practice	3
EDUC 49810	Professional Semester in Education	12
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
Foreign Language Proficiency		0-6

All social studies majors must demonstrate proficiency at college-level language study, in a language other than English, through the beginner level. This can be done in one of three ways: 1) taking 101 and 102 for 6 credits; 2) placing into and taking 102 for 3 credits; or 3) taking the proficiency exam and testing into 201 or above, in which case the requirement is met and no additional credits are required.

Language courses taken in the Department of Modern Languages and Literatures at Ithaca College for this requirement must be in a language other than English; must be taken for a letter grade; and students must earn a C- or better in language courses. As a department requirement, grades in language courses count toward department policies (only 4 credits at a C- or below may apply to courses in the major). In addition, American Sign Language cannot be used to fulfill this requirement.

Total Credits

93-99

Additional Education Requirements

1. All teaching-option students must successfully complete a year of college-level study in a language other than English or demonstrate equivalent proficiency, as described above.
2. All teaching-option students must successfully complete a writing course numbered WRTG 10600 or above.
3. All teaching-option students must maintain a minimum overall G.P.A. of 3.0 as well as a G.P.A. of 3.0 in their subject area coursework. No more than 3 credits at the grade of C- or below may be counted toward meeting the 36-credit requirement of the B.A. in social studies with teaching option.
4. Students must earn a grade of B or better in all EDUC courses in the Education Core to qualify for student teaching. A grade of B- does not qualify.
5. EDUC 49810 and EDUC 41210 constitute a full course load during the student-teaching semester. No additional courses may be taken nor can teacher candidates participate in extra-curricular activities that have the potential to affect time for teaching and preparation.
6. During the semester of student teaching, the student may not play a college sport.
7. All candidates for initial certification must successfully complete all New York State Certification tests or performance assessments required by the state for the applicant's intended teaching certificate (type, grade levels, and subject areas).
8. The department chair and the coordinator of teacher education in the subject area must approve any exceptions to the above requirements.
9. The All-College Teacher Education Unit at Ithaca College requires teacher education students, regardless of program area, to be reviewed at four programmatic transition points during their course of study. Continuation in a teacher education major is contingent upon the student successfully meeting the requirements of each transition point review; therefore, admission into one of the Ithaca College Teacher Education Program majors at admission or upon transfer to the College *does not guarantee* that a student will be allowed to complete the program required for teaching certification. Further information can be found in the Unit-Wide Assessment Systems section of the main Department of Education catalog page.

History Minor

Students who wish to earn a minor in history must fill out and submit a registration form. The chair will assign the student to a history adviser who will coordinate their advising with the student's major adviser. Up to three (3) credits of Advanced Placement credit may count toward the minor.

Requirements

Code	Title	Credits
HIST 30000	History Lab	1
HIST 1xxxx or above		6
HIST 2xxxx or above		6
HIST 3xxxx or above		6
HIST Seminar or Tutorial		3
Total Credits		22

Integrative Studies

Bachelor of Arts, Bachelor of Science

Karin Breuer, *Associate Professor of History and Coordinator*

The Integrative Studies major is designed for students whose interests or learning goals do not coincide with departmental majors as presently defined and whose interests cross disciplinary fields in ways that require integrated combinations of coursework leading to a particular set of academic and professional goals as defined by the student.

The emphasis in the major is placed first on developing an educational goal and then on selecting the courses leading to that goal. The Integrative Studies coordinator aids the student in developing the application to the major, including facilitating admission to courses that are in the student's final plan (subject to regular departmental and school limitations and policies). The program coordinator serves as the academic adviser of record for Integrative Studies majors, but students are expected to seek faculty mentors with relevant professional and academic interests who can advise on the academic content and integrity of the plan. Once the student is admitted to the major, any changes to the plan of study, including changes to credit hours, courses in the plan, or the plan title, must be approved by the coordinator and the dean in advance.

To major in Integrative Studies, a student must file an application with the coordinator of the program; these applications are evaluated by a faculty committee before they are submitted to the dean for final approval. Applications are available online. Before submitting the final application, students must discuss their proposal with the coordinator of Integrative Studies, along with relevant department chairs, professors and deans in the units represented in the plan. Students are advised to begin these discussions well before the application deadline, as the development process typically takes several weeks. Applications are reviewed twice each year; criteria related to approval of a student's plan may include: availability of space in certain courses; the student's GPA; feedback from faculty, chairs, and deans; and whether the plan could instead be accomplished with some combination of existing majors or minors offered at the College.

Students who matriculate at Ithaca College as a first-year student may begin the application process in the second semester, but they must have completed two semesters before being formally admitted into the major. Students must be admitted into the integrative studies major in time to register for and complete a minimum of three regular semesters of study in the major. Students may not begin the application process after they have completed five semesters. The plan development process (which can take from four to ten weeks) should begin no later than September 1 or February 1 of the student's first semester as a junior; final applications must be submitted for formal review no later than the published application deadlines of the relevant semester.

Majors

- Integrative Studies, B.A. (p. 477)
- Integrative Studies, B.S. (p. 478)

Code	Title	Credits
INST 29900	Independent Study: Integrative Studies	1-4
INST 29910	Independent Study: Integrative Studies Non-LA	1-4
INST 30000	Seminar in Integrative Studies	1
INST 39700	Internship: Integrative Studies	1-6
INST 39900	Independent Study: Integrative Studies	1-4
INST 39910	Independent Study: Integrative Studies Non-LA	1-4
INST 40000	Integrative Studies Capstone	1
INST 49000	Senior Project: Internship	3-6
INST 49100	Senior Project: Independent Study	3-4
INST 49200	Senior Project: Applied Independent Study	3-4

Integrative Studies, B.A.

Summary

Code	Title	Credits
	Integrative Studies B.A. Major Requirements	51-65
	Integrative Core Curriculum Requirements ¹	28-40
	Electives	15-41
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Integrative Studies majors who double major may share a maximum of 9 credits between both majors.

Integrative Studies majors who add one or more minors to their course of study may share a maximum of 6 credits across all minors with the Integrative Studies major.

Code	Title	Credits
Core Integrative Studies Courses		
ICIC 10000	Integration: Connecting the Disciplines	1
INST 30000	Seminar in Integrative Studies	1
INST 40000	Integrative Studies Capstone	1
Select one of the following:		3
INST 49000	Senior Project: Internship	
INST 49100	Senior Project: Independent Study	
INST 49200	Senior Project: Applied Independent Study	

Individualized Plan of Study

Students select courses based on the goals of their approved plan of study. These courses must include at least 45 credits and no more than 59 credits of additional courses drawn from departments across the College, as follows:	45-59
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1) at least 15 credits must be at 300-level or above, not counting INST 30000, INST 40000, INST 49000, INST 49100, and/or INST 49200.	
2) no more than 12 credits may be at 100-level;	
(3) at least three distinct subject prefixes must be included.	
Total Credits	51-65

Integrative Studies, B.S.

Summary

Code	Title	Credits
Integrative Studies B.S. Major Requirements		51-65
Integrative Core Curriculum Requirements ¹		28-40
Electives		15-41
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Integrative Studies majors who double major may share a maximum of 9 credits between both majors.
Integrative Studies majors who add one or more minors to their course of study may share a maximum of 6 credits across all minors with the Integrative Studies major.

Code	Title	Credits
Core Courses		
ICIC 10000	Integration: Connecting the Disciplines	1
INST 30000	Seminar in Integrative Studies	1
INST 40000	Integrative Studies Capstone	1
Select one of the following:		3
INST 49000	Senior Project: Internship	
INST 49100	Senior Project: Independent Study	
INST 49200	Senior Project: Applied Independent Study	
Individualized Plan of Study		
Students select courses based on the goals of their approved plan of study. These courses must include at least 45 credits and no more than 59 credits of additional courses drawn from departments across the College, as follows:		45-59
1) at least 15 credits must be at 300-level or above, not counting INST 30000, INST 40000, INST 49000, INST 49100, and/or INST 49200.		
2) no more than 12 credits may be at 100-level;		
(3) at least three distinct subject prefixes must be included.		
Total Credits		51-65

Legal Studies

Bachelor of Arts

Carlos Figueroa, Associate Professor of Politics, and Coordinator of Legal Studies

The legal studies major, an interdisciplinary program of study, provides students with the opportunity to learn about legal ideas, institutions, and processes from multiple perspectives while at the same time giving them a competitive edge by balancing liberal arts with applied theory.

The major seeks to prepare students for a wide array of positions in both the public and private sectors, as well as to qualify them for admission to graduate programs in a variety of fields. Legal Studies graduates follow a number of career paths including graduate school in law, public administration, policymaking and compliance sectors, international and human rights governance, and other programs. Students are well prepared to begin employment in a wide array of fields, and many enter the workforce directly, sometimes deferring graduate school decisions. Law itself is a broad and diverse field, and the program seeks to give students a solid theoretical grounding while exposing them to a variety of areas of the discipline.

The Legal Studies minor, like the major, draws upon multiple disciplinary perspectives to study legal practices, cultures, institutions, and rules. Legal Studies minors take courses in philosophy, sociology, politics, legal studies, business, and more. All Ithaca College students are eligible to become minors, and students in a wide-ranging array of majors take advantage of the opportunity.

Majors & Minors

- Legal Studies - B.A. (p. 479)
- Legal Studies Minor (p. 481)

LGST 10100 Foundations in Law and Justice (LA)
An introduction to basic concepts in law and the legal system. Surveys various areas of the law, such as criminal law, liability and torts, constitutional law, and administrative law. Examines the functions of courts, judges, attorneys, and juries. Provides an overview of legal theories, such as feminist analysis of law, critical legal studies, and legal realism. Studies actual and hypothetical legal cases, and ongoing legal controversies. (FY)
Attributes: AN3
3 Credits

LGST 27500 Selected Topics in Legal Studies (LA)
Explores contemporary topics, concepts, and controversies in the field of law and society at the intermediate level. May be repeated for credit for a total of nine credits when topics vary. Prerequisites: Sophomore standing. (IRR)
Attributes: LSAP
1-3 Credits

LGST 30600 Criminal Law (NLA)
An introduction to topics in criminal law, criminal procedure, and criminal justice. Topics include the American court system; origins of law; elements of crimes; defenses to crimes; constitutional issues in criminal law; criminal procedure issues, including policy operations, arraignments, indictments, grand jury procedure, criminal trials, and appeals; and criminal justice issues, including "white- and blue-collar" crime, philosophies of crime and punishment, and crime in the workplace. An optional clinical component in the Tompkins County court system will be available. Prerequisites: LGST 10100 and one of CMST 12400, GBUS 20300, SOCI 20300, or TVR 12300. (FS)
Attributes: LMAL, LMEL
3 Credits

LGST 30700 Environmental Law and Policy (LA)

A survey of environmental law and the policies and goals of key federal environmental statutes. Students will examine the role of the Environmental Protection Agency in implementing and enforcing environmental standards, as well as significant case law developments.

Prerequisites: LGST 10100 and one of CMST 12400, GBUS 20300, SOCI 20300, or TVR 12300. (Y)

Attributes: ENSS, ESPE, LMAL, LMEL

3 Credits

LGST 32000 Marketplace Regulation and Consumer Protection (NLA)

Discussion and in-depth study of the role of government in protecting the consumer and regulating marketplace practices. Seminar topics include the costs and effectiveness of the administrative law process, case studies of federal regulatory agencies, and recent developments in marketing and product liability law. Emphasis on research skills, and individual and group presentations. Prerequisites: LGST 10100 and one of CMST 12400, GBUS 20300, SOCI 20300, or TVR 12300. (Y)

Attributes: ENSS, ESPE, LMAL, LMEL

3 Credits

LGST 32300 Legal Research Seminar (LA)

In this course, students develop expertise in the skills and strategies required for legal research by using Cornell Law School and/or electronic resources available at Ithaca College. They complete regular research assignments designed to show their mastery of law library resources. The second half of the course focuses on how to use legal research to analyze specific legal controversies within larger social and policy contexts. Prerequisites: LGST 10100; junior standing. (Y)

Attributes: LMAL, LMEL

3 Credits

LGST 37500-37501 Selected Topics in Legal Studies (LA)

Explores contemporary, topics, concepts, and controversies in the field of law and society at an advanced level. Maybe be repeated for a total of six credits when topics vary. Prerequisites: One LGST course at 100-level or above. (Y)

Attributes: AN3, LSAP

1-6 Credits

LGST 39700 Internship in Legal Studies (NLA)

Permits students to explore experiential law-related work in a variety of settings. Students are expected to perform work at an internship site, chosen in consultation with their faculty advisor, to keep a journal, and to submit, as part of their course obligations, a thorough written evaluative report based on their experiences. Internships may be taken at national, state, and local levels, in London under the auspices of the Ithaca College London Center, as well as in other international locations. Prerequisites: permission of instructor. (F,S,U,Y)

0.5-9 Credits

LGST 40200 Senior Research Seminar in Legal Studies (LA)

A seminar designed to provide students an opportunity to do advanced level research by completing a major project on a legal issue of particular interest to them. Emphasis will be on analyzing how a particular legal issue or controversy is shaped by, and shapes, larger social, political, and economic systems. Prerequisites: Legal Studies Majors only; Senior standing. Corequisites: LGST 48000. (Y)

Attributes: LSAP

2 Credits

LGST 48000 Capstone in Legal Studies (LA)

This course gives participants an opportunity to reflect upon their interdisciplinary program of study in Legal Studies, and will also serve as the ICC capstone course. The course incorporates opportunities for professional development towards post-graduation plans (meeting with alums, practicing professionals, career services, etc.). Prerequisites: Legal Studies Majors only; Senior Standing. Corequisites: LGST 40200 or LGST 49800. (Y)

Attributes: CP

1 Credit

LGST 49800 Senior Internship in Legal Studies (NLA)

Permits students to explore experiential law-related work in a variety of settings. Students are expected to perform work at an internship site, chosen in consultation with their faculty advisor, to keep a journal, and to submit, as part of their course obligations, a thorough written evaluative report based on their experiences. Internship experiences will be a topic for discussion in the Capstone in Legal Studies course, and integrated into reflections on a student's entire course of study. Prerequisites: permission of instructor. (F,S,Y)

Attributes: LSAP

2-6 Credits

Legal Studies - B.A.

Legal Studies begins with a set of core courses, which, taken together, offer an interdisciplinary, liberal arts framework and a foundational knowledge of legal concepts, theories, and practices. Courses are drawn from Sociology, Communications Studies, Philosophy, Politics, and Business. The core curriculum will provide students with the requisite knowledge and perspectives necessary to create a self-designed concentration of 15 credits that will be created in close-consultation with their academic advisor. This concentration will immerse students in a subject area of interest to deepen their understanding of the topic. At the advanced level, students will be required to take a course on legal research, and a capstone course that will involve either an intensive internship experience, closely directed by a faculty advisor, or an intensive research seminar.

Summary

Code	Title	Credits
	Major Requirements	39
	Integrative Core Curriculum ¹	28-40
	Electives	41-53
Total Credits		120

¹ See Integrative Core Curriculum (p.) requirements, with information about the H&S CLA requirement.

Degree Requirements

Code	Title	Credits
CORE COURSES		
LGST 10100	Foundations in Law and Justice	3
CMST 12400	Courtrooms and Communication	3
SOCI 20300	Juvenile Delinquency	3
	or SOCI 21400 Definitions of Normality	
TVR 12300	Introduction to Law and the Media	3
	or GBUS 20300 Legal Environment of Business I	
PHIL 26500	Philosophical Problems in Law	3

POLT 30300	Constitutional Law: Civil Rights and Liberties	3
or POLT 31000	Supreme Court in U.S. Politics	
LGST 32300	Legal Research Seminar	3

CAPSTONE EXPERIENCE

LGST 40200	Senior Research Seminar in Legal Studies	2
or LGST 49800	Senior Internship in Legal Studies	
LGST 48000	Capstone in Legal Studies	1

SELF-DESIGNED CONCENTRATION¹ **15**

All Legal Studies majors design their own concentration, in consultation with their advisor, related to a field of special interest to them. Courses that can be combined together for a concentration can be drawn from LGST courses and courses with the attribute of "Legal Studies Major - concentration"; other courses will be considered on a case by case basis. Concentrations must be approved by the program coordinator no later than a student's junior year.

The concentration design must meet the following criteria:

- no more than 3 credits may be at the 100-level
- at least 6 credits at level 3 or above
- no more than 6 NLA credits
- no more than 9 credits with the same subject code prefix
- cannot include courses that are counting as part of the core requirements.

Total Credits **39**

¹ Courses designated with a Legal Studies Major-Concentration attribute may have additional prerequisites that the student is responsible for meeting.

SAMPLE CONCENTRATIONS

Students have many options for developing concentrations; the tables below show a few concentrations in particular focus areas that provide examples of the types of concentrations that can be designed.

Politics of Law

Code	Title	Credits
POLT 10100	U.S. Politics	3
CSCR 23700	Policing the Borderlands: Power, Policy, and Justice	3
or CSCR 21100	American Gangster: Social Portrayals of Gangs	
HIST 24000	Reimagining America: Politics, Religion, and Reform in the Antebellum U.S., 1815-1860	3
or HIST 24500	The American Civil War	
or HIST 24600	After the American Civil War: Race, Reconstruction, & Reconciliation	
POLT 30300	Constitutional Law: Civil Rights and Liberties	3
or POLT 31000	Supreme Court in U.S. Politics	
or POLT 33400	Politics of Rights and Culture	
LGST 30600	Criminal Law	3

or LGST 31000 Issues in Digital Law: Privacy, Identity, Security in the Digital Age

Total Credits **15**

Crime, Social Control and Law

Code	Title	Credits
CSCR 21100	American Gangster: Social Portrayals of Gangs	3
HIST 26700	The Salem Witchcraft Crisis of 1692	3
or PSYC 26000	Psychology of Privilege and Oppression	
or SOCI 21700	Mental Health in Historical and Social Contexts	
CSCR 35200	Punishment, Prisons, and Democracy	3
or POLT 33400	Politics of Rights and Culture	
LGST 30600	Criminal Law	3
or LGST 31000	Issues in Digital Law: Privacy, Identity, Security in the Digital Age	
SOCI 30200		3
or SOCI 32200	Forms of Punishment	

Total Credits **15**

Philosophy of Law

Code	Title	Credits
PHIL 21200	Introduction to Ethics	3
or PHIL 23000	Bioethics	
or PHIL 25200	Environmental Ethics	
PHIL 22000	Political Philosophy	3
or PHIL 26000	Difference and Community	
or POLT 14200	Ideas and Ideologies	
PHIL 34000	Global Ethics	3
or PHIL 35200	Moral Philosophy	
POLT 30300	Constitutional Law: Civil Rights and Liberties	3
or POLT 31000	Supreme Court in U.S. Politics	
or POLT 33400	Politics of Rights and Culture	
SOCI 32500	Race, Class, Gender and Sexuality	3
or CSCR 35100	Race and Sexual Politics	

Total Credits **15**

Communication, Law and Culture

Code	Title	Credits
CMST 11000	Public Communication	3
or CMST 11500	Business and Professional Communication	
or CMST 12000	Communication, Culture, and Rhetoric	
CMST 21500	Argumentation and Debate	3
CMST 32000	Communication, Conflict, and Negotiation	3
or CMST 32100	Oral Advocacy in Arbitration and the Courts	
POLT 30300	Constitutional Law: Civil Rights and Liberties	3
or POLT 31000	Supreme Court in U.S. Politics	
POLT 33400	Politics of Rights and Culture	3
or CMST 36000	Race and Public Policy	

Total Credits **15**

Legal Studies Minor

The purpose of the minor in legal studies is to allow students to develop a greater understanding of the impact of law and legal institutions on society and public policy. Students study the sources and evolution of law, the legal process, and how law functions in a complex social, political, and economic system.

The Legal Studies Minor consists of two elements. The first element is a foundational framework of courses that introduce students to general concepts, theories, and processes of law and legal systems. The second element requires 12 credits of advanced electives, 6 with the LGST prefix and 6 in designated courses from courses across the college with a Legal Studies Minor attribute.

MINOR REQUIREMENTS

No more than six credits from a student's major may overlap with minor requirements.

Code	Title	Credits
Core Courses		
LGST 10100	Foundations in Law and Justice	3
Select one from the following:		3
CMST 12400	Courtrooms and Communication	
GBUS 20300	Legal Environment of Business I	
SOCI 20300	Juvenile Delinquency	
TVR 12300	Introduction to Law and the Media	
Advanced Electives		
LGST xxxx	Courses in Legal Studies at 300-level and above	6
Select 6 credits designated with the Legal Studies Minor attribute. 3 credits must be from courses at level 2 or above; 3 credits must be from courses at level 3 or above		6
Total Credits		18

Department of Literatures in English

Bachelor of Arts

Chris R. Holmes, Associate Professor and Chairperson

The Department of Literatures in English is a lively intellectual community of students and faculty engaged in the study of world literatures in English. The Literatures in English curriculum provides a broad chronological study of British, American, and global anglophone literatures from the medieval period to the most contemporary writing, as well as literatures in translation. The department offers courses on a wide range of topics, of interest to majors and non-majors alike. Recent interdisciplinary course topics include: Literature of Modern Warfare, Privacy and Surveillance in Contemporary Literature, The Matter of Black Lives in the 18th Century, Asian American Women Poets, Longform Narrative: Television and the Novel, Global Blackness, Shakespeare in Rome, Queer Literature, and The Graphic Novel in Young Adult Literature.

The curriculum in the major, in conjunction with an Education Studies minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-education/education-studies-minor/>), also prepares students to enter Masters in Teaching programs in English to become certified secondary school teachers. The Department of Education can

advise students on teacher certification preparation requirements and expectations.

Our faculty are scholars who publish widely in their fields and teachers who provide students many opportunities to engage with professionals in the field, as well as to develop their own professional skills. Students are actively involved in organizing and running a variety of programs, including:

- the annual New Voices Literary Festival, in partnership with faculty and students in the Department of Writing, that hosts contemporary writers on campus for a three-day festival of panels and readings;
- the biennial Pippi to Ripley Conference, focused on feminist and fantastic popular culture, that brings people from all over the country for panels and lectures;
- *Zoetic*, a literary magazine that is sponsored by the *Sigma Tau Delta* honors society.

GRADUATING WITH HONORS IN ENGLISH

Students with a sufficiently high grade point average in all their courses receive their degree with College honors. Students who fulfill the appropriate departmental requirements also graduate with honors in their major. To qualify to pursue honors in English, a student must have completed eight of the twelve English courses that the curriculum requires and must receive a grade of A- or higher in four of these courses.

A student who pursues departmental honors will undertake an extensive research project beginning in the fall semester of the senior year. In the spring semester, the project will conclude with the presentation and defense of a lengthy thesis paper. This paper should offer an original analytical argument and should reflect a sustained engagement with contemporary critical discourse. Over the course of the academic year the student will work closely on their project with a faculty adviser, who will offer guidance in gathering primary and secondary literature for the project and provide feedback during the various stages of its development. When the thesis is complete and, in the judgment of the faculty adviser, ready to defend, the student will submit it to the thesis committee. *The distinction of honors will be conferred by the committee following a successful oral defense of the thesis.*

Majors & Minors

- English Major — B.A. (p. 487)
- English Major — B.A. with Teaching Option (p. 487)
- English Minor (p. 489)

ENGL 10500 Introduction to American Literature (LA)

Study of literary modes, such as fiction, poetry, essays, and drama, in which American writers have expressed ideals of individual conduct and social relationships or have appraised and challenged the practices of society. Emphasis is placed on class participation. (F-S,Y)

Attributes: 3A, HU
3 Credits

ENGL 10700 Introduction to Literature (LA)

Works of English, American, or European literature from early or recent times are considered in relation to one or more recurrent themes. Emphasis is placed on class participation. (F,S,Y)

Attributes: 3A, HM, HU, TIDE, TIII
3 Credits

ENGL 10900 Introduction to Drama (LA)

Critical discussion of drama, covering a broad range of forms and techniques, with an emphasis placed on class participation. Recommended for beginning English majors. Also offered through the London Center. (F,S,Y)
 Attributes: 3A, CA, HM, HU, TIDE, TMBS
 3 Credits

ENGL 11000 Introduction to Fiction (LA)

Critical discussion of fiction, covering a broad range of forms and techniques. Emphasis is placed on class participation. Recommended for beginning English majors. Also offered through the London Center. (F-S,Y)
 Attributes: 3A, HU
 3 Credits

ENGL 11200 Introduction to the Short Story (LA)

Critical discussion of short stories, covering a broad range of forms and techniques, with an emphasis placed on class participation. (F,S,Y)
 Attributes: 3A, CA, HM, HU, TIDE, TIII
 3 Credits

ENGL 11300 Introduction to Poetry (LA)

Critical discussion of poetry, covering a broad range of forms and techniques, with an emphasis placed on class participation. Recommended for beginning English majors. (F,S,Y)
 Attributes: 3A, CA, HM, HU, TIDE, TIII
 3 Credits

ENGL 18100 Novel Identities, Fictional Selves (LA)

Introductory study of the novel and the ways in which it both traces and shapes the development of modern and post-modern selfhood. Authors to be studied include Hemingway, Woolf, Morrison, Smith, and others. (Y)
 Attributes: HM, TIDE
 3 Credits

ENGL 18200 The Power of Injustice and the Injustice of Power (LA)

Introductory study of representations of injustice in 19th, 20th, and 21st century poetry, drama, and fiction. Authors to be studied include Ellison, Morrison, Paton, Shange, Mansbach, and others. (Y)
 Attributes: DV, HM, TIDE, TPJ, WGS, WGSC
 3 Credits

ENGL 18300 Engendering Modernity (LA)

Introductory study of representations of gender and gendered identity in modernist novels and poetry. Authors to be studied include Chopin, Woolf, Larsen, Rhys, Walker, Rich, Monica Ali, and others. (Y)
 Attributes: DV, HM, TIDE, WGS
 3 Credits

ENGL 18400 Faking It: Reality Hunger in the Age of Artifice (LA)

Introductory study of literary treatments of forgeries and fakes. Attention devoted specifically to the ways in which forgery illustrates aspects of the relationship between aesthetics and ethics. Authors to be studied include Borges, Bolano, Wilkomirski, Ishiguro, and others. (Y)
 Attributes: HM, TWOS
 3 Credits

ENGL 18500 Earth Works: Literature and the Environment (LA)

Introductory study of representation in 19th and 20th century literature of the environment and of human attitudes toward use and conservation. Authors to be studied include Thoreau, Whitman, Muir, Carson, Dreiser, and others. (Y)
 Attributes: HM, TMBS, TQSF
 3 Credits

ENGL 18600 Fantasy and Fairy Tales (LA)

Introductory study of the development of the literature of fantasy in the 20th century, with special attention paid to the fairy tale as a contributing or originary form. Authors to be studied include the Grimms, L'Engle, LeGuin, Gaiman and Pratchett, Rowling, and others. (Y)
 Attributes: HM, TIDE, TMBS, WGS, WGSC
 3 Credits

ENGL 20007 Honors Intermediate Seminar (LA)

Attributes: 3A, 3B, H, HN, HU
 3 Credits

ENGL 20100 Approaches to Literary Study (LA)

An examination of the discipline of literary studies. Explores issues that concern literary critics as they read and write about works of literature, including the historical development of literary studies, canonicity, the conventions of literary-critical discourse, and the assumptions and interpretive consequences of different theoretical and critical approaches to literature. Designed to develop skills for reading both primary and secondary texts. Intended for English majors; open to nonmajors on a space-available basis. Prerequisites: One course in English; WRTG10600 or ICSM108XX or ICSM118XX. (S,Y)
 Attributes: 3A, HU, WI
 3 Credits

ENGL 21000 The Literature of Horror (LA)

Survey of horror literature from its commercial origins in the 18th century through contemporary writers. Writers whose works are examined include Edgar Allan Poe, Henry James, Franz Kafka, Bram Stoker, and H. P. Lovecraft. Prerequisites: One course in literature. (S,Y)
 Attributes: HU
 3 Credits

ENGL 21100 Jewish-American Writers (LA)

Study of dramas, short stories, and novels of Jewish-American writers who have gained prominence since the 1950s, such as Miller, Malamud, Mailer, Singer, Roth, and Bellow. Prerequisites: One course in the humanities or social sciences, or sophomore standing. (F,S,Y)
 Attributes: 3A, DV, HU
 3 Credits

ENGL 21400 Survey of Science Fiction (LA)

Survey of fantasy and science fiction from Beowulf to cyberpunk. Prerequisites: One course in the humanities or social sciences, or sophomore standing. (IRR)
 Attributes: 3A, HU
 3 Credits

ENGL 21500 Contemporary Topics in Science Fiction (LA)

Courses offered under this number will focus on varying topics within the genre of science fiction. Prerequisite: one course in the humanities or social sciences, or sophomore standing. (IRR)
 Attributes: 3A, HM, HU, TIDE, TPJ
 3 Credits

ENGL 21600 Contemporary British Fiction (LA)

Deals with works of British fiction since World War II for their literary value and for their portrayal of British society during the last five decades. Prerequisites: One course in the humanities or social sciences, or sophomore standing. (F,S,Y)
 Attributes: 3A, H, HM, HU, TIDE, TIII
 3 Credits

ENGL 21800 Modern and Contemporary American Drama (LA)

Study of the leading American dramatists of the 20th and 21st centuries, such as O'Neill, Behrman, Odets, Sherwood Anderson, Wilder, Hellman, Miller, Williams, Inge, Albee, and Eliot. Prerequisites: Sophomore standing; WRTG10600 or ICSM108XX or ICSM118XX. (F or S,Y)

Attributes: 3A, HU, WI

3 Credits

ENGL 21900 Shakespeare (LA)

Study of six to eight Shakespeare plays as examples both of the way dramatic literature works and of the achievement of the greatest of English writers. Since plays vary each semester, course may be repeated once for credit. Prerequisites: One course in the humanities or social sciences, or sophomore standing. Also offered through the London Center. (F,S,Y)

Attributes: 3A, CSA, H, HM, HU, TIDE, TIII

3 Credits

ENGL 22000 Black Women Writers (LA)

Study of black women writers such as Hurston, Angelou, Morrison, and Walker. Prerequisites: One three-credit Liberal Arts course. (F,S,Y)

Attributes: 3A, ADCH, ADSE, DV, HU, RPRE, WGS

3 Credits

ENGL 22100 Survey of African American Literature (LA)

A study of African American literature from the slave narrative to the present. Writers whose works are examined include Frederick Douglass, W. E. B. DuBois, Zora Neale Hurston, Richard Wright, and Toni Morrison. Prerequisites: One three-credit Liberal Arts course. (F,S,Y)

Attributes: 3A, ADCH, ADSE, DV, H, HU, RPRE, WGS, WGS

3 Credits

ENGL 23100 Ancient Literature (LA)

Works that have dominated the Western imagination and set standards for art and life for nearly 3,000 years: the epics of Homer and Virgil, the plays of Aeschylus, Sophocles, Euripides, and Aristophanes, and selections from the Bible. Prerequisites: One course in the humanities or social sciences, or sophomore standing. (F or S,Y)

Attributes: 3A, CSA, G, H, HU

3 Credits

ENGL 23200 Medieval Literature (LA)

Readings are drawn from the northern European epic, medieval romances, and medieval drama. Also Dante, "The Divine Comedy"; Chaucer, "Troilus and Criseyde" and "The Canterbury Tales." Prerequisites: One course in the humanities or social sciences, or sophomore standing; WRTG10600 or ICSM10800-10899 or ICSM11800-11899. (F-S,Y)

Attributes: 3A, CSA, H, HU, WI

3 Credits

ENGL 25000 Translation: The Art of Disguise (LA)

Examines the role of translation within the broader context of comparative literature. Drawing from representative texts spanning across centuries, students will discuss concepts of interpretation, faithfulness, loss and gain, negotiation, colonization, cannibalization and ethics. Explores the figure of the translator, both in theoretical and literary works, and approaches the field of translation from the perspective of practicing translators and translated authors. Basic reading proficiency in a language other than English is necessary. Cross-listed with LNGS 25000. Prerequisites: WRTG 10600 or ICSM 108xx or ICSM 118xx and Sophomore standing. (IRR)

Attributes: 1, 3A, G, HM, HU, TIII, TWOS, WI

3 Credits

ENGL 27100 Renaissance Literature (LA)

The continental backgrounds: Renaissance writers in Italy, France, and Spain. Major trends in English literature from the early 16th century through Milton, with an emphasis on Elizabethan and Jacobean drama.

Prerequisites: One course in the humanities or social sciences, or sophomore standing. (F-S,Y)

Attributes: 3A, CSA, H, HU, WI

3 Credits

ENGL 27200 The Enlightenment (1660-1770) (LA)

The neoclassical drama of France and England: Molière, Restoration comedy. Also Voltaire, major works of Dryden, Pope, Swift, and Johnson. The rise of the novel: Defoe, Fielding, Smollett, and Richardson.

Prerequisites: One course in the humanities or social sciences, or sophomore standing. (F-S,Y)

Attributes: HU

3 Credits

ENGL 28100 Romantic-Victorian Literature (LA)

Romanticism in France and Germany; English romantic and Victorian poetry. The movement toward realism, especially in the French and English novel. Prerequisites: One course in the humanities or social sciences, or sophomore standing; WRTG10600 or ICSM10800-10899 or ICSM11800-11899. (F or S,Y)

Attributes: 3A, GERM, HU, WI

3 Credits

ENGL 29900 Independent Study: English (LA)

Reading and writing focused on an individual project arranged by a student with a particular faculty member. Offered on demand only. A maximum of three credits may be counted toward requirements for the English major or minor. Prerequisites: One literature course and sophomore standing. (IRR)

Attributes: HU

1-3 Credits

ENGL 31100 Dramatic Literature I (LA)

Studies in dramatic literature prior to Ibsen. Prerequisites: Three liberal arts courses in ENGL or THEA; WRTG 10600 or ICSM 10800 or ICSM 11800. (F,Y)

Attributes: 3A, CSA, H, HU, WI

3 Credits

ENGL 31200 Dramatic Literature II (LA)

Studies in modern drama. Prerequisites: Three liberal arts courses in ENGL or THEA; WRTG 10600 or ICSM 10800 or ICSM 11800. (S,Y)

Attributes: 3A, G, HU, WGS, WI

3 Credits

ENGL 31800 Short Story (LA)

Survey of 19th- and 20th-century short stories, British and American, by Poe, Hawthorne, Crane, Joyce, Hemingway, Lawrence, Bowen, Nabokov, Updike, Malamud, and others. History and development of the short story. Prerequisites: nine credits of English. (IRR)

Attributes: HU

3 Credits

ENGL 31900 Great American Writers before 1890 (LA)

Puritan writers, Benjamin Franklin; romantic writers such as Poe, Hawthorne, Emerson, Thoreau, Melville, Twain, Whitman, and James. Lecture and discussion. Prerequisites: nine credits of English; WRTG10600 or ICSM10800-10899 or ICSM11800-11899. (F or S,Y)

Attributes: HU, WI

3 Credits

ENGL 32000 Great American Writers after 1890 (LA)

Stephen Crane, Dreiser, and the naturalist movement. Later writers such as Sherwood Anderson, Fitzgerald, Hemingway, Faulkner, and Ellison. Poets such as Robinson, Frost, Eliot, and Stevens. Prerequisites: nine credits of English. (F or S,Y)

Attributes: HU

3 Credits

ENGL 32300 Biblical Interpretation in Judaism and Christianity (LA)

Examines the theological and literary dimensions of reading the Bible in the Jewish and Christian traditions. Focuses on the comparative study of Jewish and Christian methodologies for interpreting the Bible. Prerequisites: Three courses in the humanities, at least one of which is in English, Jewish studies, or religious studies.

Attributes: HU

3 Credits

ENGL 32400 Literature of the Bible (LA)

A study of major narratives and poetry from the Bible, together with their influence on subsequent literature. Emphasis is placed on literary strategies and historical knowledge that enable critical understanding. Prerequisites: Three courses in the humanities. (S,E)

Attributes: HU, WI

3 Credits

ENGL 32500 Studies in Medieval English Literature (LA)

Topics vary. Prerequisites: nine credits of English. This course may be repeated once for credit when topics vary for a total of six credits. (F or S,Y)

Attributes: GERM, HU

3 Credits

ENGL 33100 Studies in the English Renaissance (LA)

Topics vary. Prerequisites: nine credits of English. This course may be repeated once for credit when topics vary for a total of six credits. (F or S,Y)

Attributes: HU

3 Credits

ENGL 34100 Studies in the Enlightenment (1660-1770) (LA)

Topics vary. Prerequisites: nine credits of English. This course may be repeated once for credit when topics vary for a total of six credits. (F or S,Y)

Attributes: HU

3 Credits

ENGL 35000 Imagining Herself: Women's Autobiography (LA)

Examination of the way women have employed autobiography as a form of self-expression and gender definition. Consideration of the way autobiographies differ from other forms of personal expression and how they can be analyzed as literary texts. Authors may include Beryl Markham, Zora Neale Hurston, Audre Lorde, Annie Dillard, Dorothy Allison, Maxine Hong Kingston, Nancy Mairs, May Sarton, and Temple Grandin.

Prerequisites: Three courses in the humanities, one of which is an English course; sophomore standing. (F,S,Y)

Attributes: DV, HU

3 Credits

ENGL 35100 Studies in Young Adult and Children's Literature (LA)

Courses offered under this number will focus on varying topics within the genre of young adult and/or children's literature. These courses may cohere around a particular theme; they may bring together literature from different genres and various periods; and they may be interdisciplinary in nature. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Three three-credit Liberal Arts courses. (Y)

Attributes: HU, WGS, WGS3, WGSC

3 Credits

ENGL 35200 Studies in 19th-Century English Literature (LA)

Topics vary. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: nine credits of English. (F or S,Y)

Attributes: HU

3 Credits

ENGL 35600 Religion and Literature (LA)

This course explores the ways in which religious ideas and practices appear in contemporary novels associated with various cultures and religious traditions. We consider how authors utilize religious themes to negotiate challenges and questions posed by modernity, as well as how they engage questions of religious identity through the medium of modern literary forms. We read these works against the background of contemporary changes in the relationship between the religious and the secular. Cross-listed with RLST 35600; students may not receive credit for both. Prerequisites: One course in RLST or ENGL; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (IRR)

Attributes: WI

3 Credits

ENGL 36300 Irish Literature (LA)

A study of the sudden flowering of Irish literature between 1885 and 1939 and its influence on the political and social history of the time. Readings from Yeats, Joyce, Synge, and O'Casey, as well as lesser-known figures of the period. Prerequisites: nine credits of English. Also offered through the London Center. (IRR)

Attributes: HU

3 Credits

ENGL 36500 Studies in the Novel (LA)

Studies in the novel, with topics varying from semester to semester. Concentration may be on a theme, a period, a type, etc. This course may be repeated once for credit when topics vary for a total of six credits.

Prerequisites: nine credits of English. (F or S,Y)

Attributes: HU, RPRE

3 Credits

ENGL 36600 Studies in Poetry (LA)

Studies in lyric, narrative, and/or epic poetry, with topics varying from semester to semester. Concentration may be on a theme, a period, a type, etc. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: nine credits of English. (F-S,Y)

Attributes: HU

3 Credits

ENGL 36700 Studies in Drama (LA)

Studies in textual and performance aspects of drama, with topics varying from semester to semester. Concentration may be on a theme, a period, a type, etc. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: nine credits of English. (F-S,Y)

Attributes: HU, WGS, WGS3

3 Credits

ENGL 36800 Dangerous Women in Dramatic Literature (LA)

Advanced study of women characters in dramatic texts who challenge or threaten dominant cultural assumptions about the nature of femininity, from ancient Greece to the present day. May include studies of such authors as Aeschylus, Shakespeare, Ford, Behn, Ibsen, Williams, Churchill, Smith. Prerequisites: WRTG 10600 or ICSM 10800 or ICSM 11800; one additional course in ENGL or WRTG. (IRR)

Attributes: WGS, WGS3, WGSC, WI

3 Credits

ENGL 36900 Studies in Multicultural American Literature (LA)

Studies in diverse voices in American literature, including African American, Jewish American, Native American, Hispanic American, and Asian-American writers. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Nine credits of English. (F,S)

Attributes: AASE, ADSE, DV, HU, LXME, NASE, RPRE, WGS, WGS3, WGS1
3 Credits

ENGL 37000 American Poetry (LA)

A survey of the main currents of American poetry from the middle of the 19th century to the present. Beginning with the poetry of Walt Whitman and Emily Dickinson, the course establishes the dialectic poles of attraction for American writing, concentrating on such major 20th-century poets as Robert Frost, Wallace Stevens, T. S. Eliot, William Carlos Williams, Theodore Roethke, Robert Lowell, and James Wright. Prerequisites: Nine credits of English. It is recommended that students take either ENGL 11300 Introduction to Poetry or ENGL 10500 Introduction to American Literature prior to this course. (IRR)

Attributes: HU

3 Credits

ENGL 37100-37103 Studies in African American Literature (LA)

Studies in selected topics involving African American literature, literary movements, and traditions. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Nine credits in English. (F,S,Y)

Attributes: ADCH, ADSE, HU

3 Credits

ENGL 37200 Studies in American Literature (LA)

Studies in different selected figures in American literature each semester. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Nine credits of English. Since content varies each semester, course may be repeated once for credit. Also offered through the London Center. (F-S)

Attributes: HU

3 Credits

ENGL 37300 Renaissance Drama (LA)

Study of the English drama after Shakespeare. Visits to museums and sites in London for the background of the Jacobean and early Caroline periods. Readings from Beaumont, Fletcher, Ford, Jonson, Middleton, and Webster. Prerequisites: ENGL 21900 or ENGL 27100. Also offered through the London Center (S,Y).

Attributes: 3A, CSA, H, HU

3 Credits

ENGL 37700 Nineteenth-Century British Novel (LA)

The writings of Jane Austen, Charles Dickens, George Eliot, Henry James, and Thomas Hardy in their historical and cultural context. Critical approaches to the study of the novel. Prerequisites: Nine credits of English. Also offered through the London Center. (F or S,Y)

Attributes: HU

3 Credits

ENGL 37800 Twentieth-Century British Novel (LA)

The development of the British novel from the end of the 19th century. A comparison of theme, style, and structure within the historical and cultural context. Authors such as James Joyce, D. H. Lawrence, E. M. Forster, Graham Greene, and William Golding. Prerequisites: Nine credits of English. Also offered through the London Center. (F or S,Y)

Attributes: HU

3 Credits

ENGL 38000-38003 Studies in World Literature (LA)

Studies in world literature, with a focus on literatures and cultures outside of the United States and Great Britain. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Nine credits of English. (F or S, Y)

Attributes: HU

3 Credits

ENGL 38200-38203 Studies in Modern Literature (LA)

Studies in 20th-century European literature, mostly British and Irish.

Concentration may be on a theme, a genre, a particular author or group of authors, etc. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Nine credits of English. (IRR)

Attributes: HU

3 Credits

ENGL 38400 Modern British Women Writers (LA)

This course will explore a wide range of fiction, drama, and poetry written by 20th-century women, with close attention not only to the historical conditions out of which these texts arose and how female writers speak to (and about) one another, but also to how style, form, and genre bear on the representation of marriage, sexuality, religion, parenthood, authority, and the expression of identity. Authors vary, but may include Mansfield, Woolf, Spark, Sayers, Churchill, Stevie Smith, Eavan Boland. Prerequisites: Nine credits of English. (Y)

Attributes: HU

3 Credits

ENGL 38600-38603 Studies in Indian Literature (LA)

Studies in Indian literature, with topics varying from semester to semester. Concentration may be on a particular author, a group of authors, a theme, a style, etc. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Nine credits of English. (Y)

Attributes: HU

3 Credits

ENGL 38700 Teaching Literature in Middle School and High School (LA)

Designed for potential middle school and high school teachers of English. Study of various works of literature frequently taught in middle school and high school, with an emphasis on presentation to younger students. Prerequisites: Nine credits of English. (IRR)

Attributes: HU

3 Credits

ENGL 39000 Selected Topics in Literature (LA)

Courses offered under this number will focus on varying topics within the discipline of literary studies. These courses may cohere around a particular theme; they may bring together literature from various periods; and they may be interdisciplinary in nature. This course may be repeated once for credit when topics vary for a total of six credits. Prerequisites: Nine credits in English. (IRR)

Attributes: HU

3 Credits

ENGL 40000 Capstone in English (LA)

Reflection on the experience of a liberal arts education; exploration of the relationship between the ICC and the English major; discussion of professional opportunities for English majors. (F,S,Y)

Attributes: CP

1 Credit

ENGL 41000 Seminar in Medieval English Literature (LA)

Open to upper-class English majors and to other upper-class students with permission of instructor. Prerequisites: ENGL 23200; permission of instructor. (F or S,Y)

Attributes: HU

3 Credits

ENGL 42000 Seminar in Shakespeare (LA)

Open to upper-class English majors and to other upper-class students with permission of instructor. Prerequisites: ENGL 21900; permission of instructor. (F or S,Y)

Attributes: HU

3 Credits

ENGL 42500 History and Structure of the English Language (LA)

Investigation of historical, theoretical, and structural elements of the English language necessary for understanding and communicating in written and spoken English, focusing on grammar, syntax, morphology, etymology, and the history of the English language. Study of issues in composition as they relate to the teaching of writing. Required of English with Teaching Option majors. Prerequisites: four English courses, one of which must be at level 3. (F,Y)

Attributes: HU

3 Credits

ENGL 43000 Seminar in the English Renaissance (LA)

Open to upper-class English majors and to other upper-class students with permission of instructor. Prerequisites: ENGL 27100; permission of instructor. (F or S,Y)

Attributes: HU

3 Credits

ENGL 44000 Seminar in the English Enlightenment (1660-1770) (LA)

Open to upper-class English majors and to other upper-class students with permission of instructor. Prerequisites: ENGL 27200; permission of instructor. (F or S,Y)

Attributes: HU

3 Credits

ENGL 45000 Seminar in 19th-Century Literature (LA)

Open to upper-class English majors and to other upper-class students with permission of instructor. Prerequisites: ENGL 38100; permission of instructor. (F or S,Y)

Attributes: HU

3 Credits

ENGL 46000 Seminar in 20th-Century English Literature (LA)

Open to upper-class English majors and to other upper-class students with permission of instructor. Prerequisites: Four English courses, at least two of which are at level 2 or above; junior standing. (F or S,Y)

Attributes: HU

3 Credits

ENGL 46500 Seminar in Drama (LA)

Selected topics in classic or contemporary drama. Prerequisites: Twelve credits in English or Theatre; permission of instructor; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (F,S,Y)

Attributes: HU, WI

3 Credits

ENGL 47000 Seminar in American Literature before 1890 (LA)

Topics may include puritan literature, 18th- and 19th-century women writers, transcendentalism, Dickinson, Whitman, Twain, among others.

Prerequisites: ENGL 31900. (IRR)

Attributes: HU

3 Credits

ENGL 47100 Seminar in American Literature after 1890 (LA)

Topics may include American modernism, the Harlem Renaissance, the postmodern memoir, James, Bishop, DeLillo, among others. Prerequisites: ENGL 32000. (IRR)

Attributes: HU

3 Credits

ENGL 48000 Seminar in Literary Criticism (LA)

Selected topics in the history and theory of literary criticism.

Prerequisites: Four English courses; permission of instructor. (IRR)

Attributes: HU

3 Credits

ENGL 48200 Twentieth Century Irish Poetry: Yeats and Heaney (LA)

This seminar will be devoted to the poetic works of the two Irish poets who received the Nobel Prize in the 20th century. William Butler Yeats (1865-1939) will forever be associated with the violent birth of the modern Irish nation, especially as it is recounted in "Easter 1916," the poem commemorating the ill-fated rebellion that initiated Irish independence. Yeats, who sought in his poems "benefitting emblems of adversity," addressed the political cataclysms of Irish rebellion and subsequent civil war. Likewise, Seamus Heaney (b. 1939), whose career has paralleled the modern "troubles" of Northern Ireland, has said that he seeks "symbols adequate to our predicament," and his poetry has embodied the deep tensions of his divided society and a humane and complex response to those divisions. While there will be some time spent clarifying the political, historical, and religious context in which each of the poets wrote, the main focus of the seminar will be an intensive study of the poems themselves, with special attention paid to the ways in which Heaney has embraced and transformed Yeats's earlier poetic version.

Attributes: HU

3 Credits

ENGL 49500 Internship: English (NLA)

Allows students to combine literary study with on-site work experience under the guidance of a faculty supervisor. Internships require the approval of both the sponsoring agency and the faculty supervisor. Also available through the London Center. A maximum of three credits may be used to fulfill requirements for the English major or minor. Prerequisites: Four English courses; junior standing or above; permission of instructor. Variable credit. (IRR)

1-12 Credits

ENGL 49801 Honors Project I (LA)

First course in a two-semester sequence of independent work on an individual project arranged by a student with a particular faculty member. Research, writing, and discussion culminating in a 1-2-page abstract for an honors thesis, an extensive annotated bibliography, and a draft of an analytical chapter, all defended before a department honors committee.

Prerequisite: permission of instructor. (F, Y)

Attributes: UND

3 Credits

ENGL 49802 Honors Project II (LA)

Second course in a two-semester sequence of independent work on an individual project arranged by a student with a particular faculty member. Research, writing, and discussion culminating in an honors thesis of approximately 50-80 pages, defended before a department honors committee. May not be used as elective credit in the English major. Prerequisite: ENGL 49801. (S, Y)

Attributes: UND
3 Credits

ENGL 49900 Advanced Independent Study (LA)

Special research on an individual project arranged by a student with a particular faculty member. Final paper will be based on research in both electronic and print sources. Offered on demand only. A maximum of three credits may be used to fulfill requirements for the English major or minor. Prerequisites: Four literature courses and junior standing. (IRR)

Attributes: UND
3 Credits

English Major – B.A. Summary

Code	Title	Credits
English B.A. Major Requirements		36-48
Integrative Core Curriculum Requirements ¹		29-41
Electives		31-55
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
INTRODUCTORY COURSES		
ENGL 11300	Introduction to Poetry	3
ENGL 20100	Approaches to Literary Study	3
ENGL 21900	Shakespeare	3
PERIODS OF LITERATURE BEFORE 1900		
Select three of the following:		9
ENGL 23200	Medieval Literature	
ENGL 27100	Renaissance Literature	
or ENGL 373 Renaissance Drama		
ENGL 27200	The Enlightenment (1660-1770)	
ENGL 28100	Romantic-Victorian Literature	
or ENGL 377 Nineteenth-Century British Novel		
ENGL 31900	Great American Writers before 1890	
LITERATURE OF THE 20TH AND 21ST CENTURIES		
Select one of the following:		3
ENGL 21600	Contemporary British Fiction	
ENGL 21800	Modern and Contemporary American Drama	
ENGL 31200	Dramatic Literature II	
ENGL 32000	Great American Writers after 1890	
ENGL 35000	Imagining Herself: Women's Autobiography	
ENGL 36300	Irish Literature	

ENGL 37800	Twentieth-Century British Novel	
ENGL 382xx	Studies in Modern Literature	
ENGL 38400	Modern British Women Writers	
WORLD AND MULTICULTURAL LITERATURE		
Select one of the following:		3
ENGL 21100	Jewish-American Writers	
ENGL 22000	Black Women Writers	
ENGL 22100	Survey of African American Literature	
ENGL 23100	Ancient Literature	
ENGL 36900	Studies in Multicultural American Literature	
ENGL 386xx	Studies in Indian Literature	
ENGLISH ELECTIVES ¹		
ENGL xxxxx	English elective	3
ENGL 3xxxx-	Any ENGL course at level 3 or 4	6
ENGL 4xxxxx		
ENGL 4xxxx	Any ENGL course at level 4	3
FOREIGN LANGUAGE		
Foreign language through the intermediate level or demonstrated equivalent proficiency.		0-12
Total Credits		36-48

¹ ENGL 49500 and ENGL 49900 may be taken only once for credit toward the English major; ENGL 49802 may not be counted toward the major.

English Major – B.A. with Teaching Option

No additional students are being admitted to this program as of Fall 2021.

This program prepares students for initial New York State certification to teach at the secondary school (7-12) level.

Summary

Code	Title	Credits
English B.A. with Teaching Option Content Area Requirements		36-48
Core Education Requirements		41
Integrative Core Curriculum Requirements ¹		17-29
Electives		2-26
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
INTRODUCTORY COURSES		
ENGL 11300	Introduction to Poetry	3
ENGL 20100	Approaches to Literary Study	3
ENGL 21900	Shakespeare	3
PERIODS OF LITERATURE BEFORE 1900		
Select three of the following:		9
ENGL 23200	Medieval Literature	

ENGL 27100	Renaissance Literature or ENGL 373 Renaissance Drama	
ENGL 27200	The Enlightenment (1660-1770)	
ENGL 28100	Romantic-Victorian Literature or ENGL 377 Nineteenth-Century British Novel	
ENGL 31900	Great American Writers before 1890	
LITERATURE OF THE 20TH and 21ST CENTURIES		
Select one of the following:		3
ENGL 21600	Contemporary British Fiction	
ENGL 21800	Modern and Contemporary American Drama	
ENGL 31200	Dramatic Literature II	
ENGL 32000	Great American Writers after 1890	
ENGL 35000	Imagining Herself: Women's Autobiography	
ENGL 36300	Irish Literature	
ENGL 37800	Twentieth-Century British Novel	
ENGL 382xx	Studies in Modern Literature	
ENGL 38400	Modern British Women Writers	
WORLD AND MULTICULTURAL LITERATURE		
Select one of the following:		3
ENGL 22000	Black Women Writers	
ENGL 22100	Survey of African American Literature	
ENGL 36900	Studies in Multicultural American Literature	
ENGL 386xx	Studies in Indian Literature	
ENGLISH ELECTIVES ¹		
ENGL xxxx	Any English course	3
ENGL 3xxx-	Any English course at level 3 or 4	3
ENGL 4xxx		
YOUNG ADULT AND CHILDREN'S LITERATURE		
ENGL 35100	Studies in Young Adult and Children's Literature	3
	or ENGL 38700 Teaching Literature in Middle School and High School	
ENGLISH LANGUAGE ARTS		
ENGL 42500	History and Structure of the English Language	3
FOREIGN LANGUAGE PROFICIENCY		
Foreign language through the second semester of the intermediate level or demonstrated equivalent proficiency.		0-12
CORE EDUCATION REQUIREMENTS		
EDUC 10200	Reading Foundations	2
EDUC 20200	Literacy Across the Disciplines for Middle and Secondary Education	2
EDUC 20100	Technology for the Middle/Secondary School Teacher	2
EDUC 21010	Educational Psychology	3
EDUC 21800	Introduction to Pedagogy and Practice	3
EDUC 21910	Early Field Experience: Theory and Practice	3
EDUC 22900	Second Language Acquisition: Its Nature and Meaning for Educators	2
EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3

EDUC 34000	Social and Cultural Foundations of Education	3
EDUC 40800	Professional Development Seminar	0
EDUC 41110	Pedagogy and Practice for the English Teacher	3
EDUC 41210	Seminar in Reflective Practice	3
EDUC 49810	Professional Semester in Education	12
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Total Credits **77-89**

¹ ENGL 49500 and ENGL 49900 may be taken only once for credit toward the English major; ENGL 49802 may not be counted toward the major.

Additional Education Requirements

1. All teaching-option students must successfully complete a year of college-level study in a language other than English or demonstrate equivalent proficiency. English teaching-option majors must complete foreign language study through the intermediate level (20200) or demonstrate equivalent proficiency.
2. All teaching-option students must successfully complete a writing course numbered WRTG 10600 or above.
3. All teaching-option students must maintain a minimum overall G.P.A. of 3.0 as well as a G.P.A. of 3.0 in their subject area coursework.
4. Students must earn a grade of B or better in all EDUC courses in the Education Core to qualify for student teaching. A grade of B- does not qualify.
5. EDUC 49810 and EDUC 41210 constitute a full course load during the student-teaching semester. No additional courses may be taken nor can teacher candidates participate in extra-curricular activities that may have the potential to affect time available for teaching and preparation.
6. During the semester of student teaching, the student may not play a college sport.
7. All candidates for initial certification must successfully complete all New York State Certification tests or performance assessments required by the state for the applicant's intended teaching certificate (type, grade levels, and subject areas).
8. The student's department chair and the coordinator of teacher education must approve any exceptions to the above requirements.
9. The All-College Teacher Education Unit at Ithaca College requires teacher education students, regardless of program area, to be reviewed at four programmatic transition points during their course of study. Continuation in a teacher education major is contingent upon the student successfully meeting the requirements of each transition point review; therefore, admission into one of the Ithaca College Teacher Education Program majors at admission or upon transfer to the College does not guarantee that a student will be allowed to complete the program required for teaching certification. Further information can be found in the Unit-Wide Assessment Systems section of the main Department of Education catalog page.

English Minor

Requirements

Students who wish to declare the English minor must do so, at the latest, in the semester before the semester in which they graduate.

Code	Title	Credits
ENGL 11300	Introduction to Poetry	3
ENGL 21900	Shakespeare	3
ENGL 3xxxx- ENGL 4xxxx	Any ENGL course at level 3 or 4 ¹	9
ENGL 1xxxx - ENGL 4xxxx: Any ENGL course ¹		6
Total Credits		21

¹ Minors may not select more than 6 credits in any one area.

Department of Mathematics

Bachelor of Arts, Bachelor of Science

Thomas Pfaff, *Professor and Chairperson*

The Department of Mathematics offers a curriculum with sufficient depth and flexibility to provide a sound program of study for students with a wide range of mathematical interests. General interest courses are offered for those who want to study mathematics for their own information and enjoyment.

Requirements for Honors in Mathematics

Honors in mathematics are awarded in recognition of excellent overall scholarship and the successful completion of an honors-level capstone experience.

Candidates need departmental approval based on mathematical maturity, creativity, and the ability to do independent work in order to be considered for Honors in Mathematics. Typically, a student approved for Honors must register for MATH 49300, complete an Honors thesis, and give a presentation to the department.

A student who has an exceptional body of mathematics completed by the senior year may be approved by the department to receive Honors in Mathematics without completing an additional Honors course. Such cases are decided on an individual basis by departmental vote, considering activities such as publishing in peer-reviewed journals, participating in research outside Ithaca College, and presenting work at professional conferences.

Final approval for Honors is decided by a department vote. Honors in mathematics are awarded only on recommendation of the department faculty.

Departmental Policies on Math Placement Groups

Math placement exam: All entering students must take the math placement exam. Based on the results, students are initially assigned to one of the four placement groups. This determines where they may enter the mathematics curriculum.

A prerequisite for entrance into all mathematics courses except MATH 16200, MATH 16300, and MATH 16400 is the appropriate

classification of the student in group 1, 2, 3, or 4 or successful completion of any prerequisite course(s).

Group 4: The student must take MATH 10000 before any other mathematics course. Passing MATH 10000 with a C- or better qualifies the student to take courses with a group 3 prerequisite.

Group 3: The student may take mathematics courses MATH 10400, MATH 10500, MATH 10600, MATH 10800, MATH 11000, MATH 13500, MATH 15200, and MATH 15500. Completion of MATH 10400, MATH 10800, or MATH 11000, with a C- or better qualifies the student to take courses with a group 2 prerequisite.

Group 2: The student may take MATH 10800, MATH 11000, MATH 14400, MATH 14500, and MATH 16100 as well as any course that a group 3 student may take. Students are encouraged to take one of the courses listed here. Completion of MATH 11000 with a C- or better qualifies the student to take courses with a group 1 prerequisite.

Group 1: The student may take any course in the mathematics offerings other than MATH 10000 and MATH 11000, provided the course prerequisites are met. Students in group 1 are encouraged to take courses with group 1 or group 2 prerequisites.

Advanced Placement

Students can receive credit for MATH 11100 by receiving a grade of 3, 4, or 5 on the College Board Advanced Placement calculus AB examination. Students can receive credit for MATH 11100 and MATH 11200 by receiving a grade of 3, 4, or 5 on the College Board Advanced Placement calculus BC examination. Ithaca College also provides its own placement examination for students who believe they have a knowledge of calculus but have not taken the College Board Advanced Placement Examination.

Students can receive credit for MATH 14400 by receiving a grade of 3, 4, or 5 on the College Board Advanced Placement statistics examination.

Notes on Prerequisites

A grade of C- or better is required for a course in mathematics to fulfill a prerequisite for another mathematics course.

A student must receive the permission of the mathematics department to take a mathematics course that is a prerequisite for a mathematics course for which they have previously received credit.

Majors & Minors

- Mathematics Major — B.A. (p. 494)
- Mathematics Major — B.A. with Teaching Option (p. 495)
- Mathematics Major - B.S. (p. 496)
- Data Science Minor (p. 496)
- Mathematics Minor (p. 496)

Related Majors

- Mathematics-Physics Major — B.A. (p. 513) (*Offered through the Physics and Astronomy department*)

MATH 10000 Mathematics Fundamentals (LA)

Basic concepts underlying algebra, functions, exponents, areas, fractions, and percents. Reasoning skills required for these concepts. Word problems. Meets three hours. See also MATH 18000; credit cannot be earned for both MATH 10000 and MATH 18000. Prerequisites: Math placement in group 4. (F-S,Y)

Attributes: UND

1 Credit

MATH 10400 Finite Mathematics with Calculus (LA)

Introduction to differential calculus, mathematics of finance, and linear programming. Additional topics at the instructor's discretion. Intended for students in the School of Business. Students may not receive credit for both MATH 10400 and MATH 10500, 10600, or 10700. Prerequisites: Math placement in group 1, 2, or 3, or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (F-S,Y)

Attributes: NS

4 Credits

MATH 10500 Mathematics for Decision Making (LA)

Introduction to probability theory, mathematics of finance and linear programming. Additional topics at the instructor's discretion. Students may not receive credit for both MATH 10500 and MATH 10600.

Prerequisites: Math placement in group 1, 2, or 3, or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (F,S,Y)

Attributes: QL

3 Credits

MATH 10600 Mathematics for Decision Making with Technology (LA)

Introduction to probability theory; mathematics of finance; linear programming. Additional topics at the instructor's discretion. Appropriate technology is introduced to present some of the topics differently and in more depth than MATH 10500. Students may not receive credit for both MATH 10500 and MATH 10600. Prerequisites: Math placement in group 1, 2, or 3, or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (F-S,Y)

Attributes: 2B, NS

4 Credits

MATH 10800 Applied Calculus (LA)

Introduction to calculus, with an emphasis placed on problems in the business, economics, social sciences and life sciences. Topics include polynomial, exponential, and logarithmic functions and their derivatives; curve sketching, optimization, and rates of change; the definite integral and area. Further topics may be chosen from applications of differential equations and trigonometric functions. Not open to students who have taken MATH 11100. Completion of this course with a grade of C- or better will move students in group 3 to group 2. Students with group 1 placement who plan to take more than one semester of calculus should instead take MATH 11100. Prerequisites: Math placement in group 1, 2 or 3, or completion of MATH 10000 with a grade of C- or better. (F,S,Y)

Attributes: QL

4 Credits

MATH 11000 College Algebra and Trigonometry (LA)

A modeling approach to college algebra and trigonometry. Topics include algebraic expressions (including radicals and exponents); equations and inequalities; polynomial and rational functions; exponential and logarithmic functions; systems of equations; trigonometric functions and properties. Prerequisites: Math Placement 2 or 3 or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (F-S,Y)

Attributes: 2B, NS

4 Credits

MATH 11100 Calculus I (LA)

Calculus of functions of one variable. Topics include limits, continuity, derivatives, applications of derivatives (problems of motion, graphing, and optimization), antiderivatives, and an introduction to the definite integral. Functions covered include polynomial, rational, exponential, logarithmic, trigonometric, and piecewise-defined functions. Prerequisites: Math placement in group 1, or completion of MATH 11000 with a grade of C- or better. (F-S,Y)

Attributes: 2B, NS

4 Credits

MATH 11200 Calculus II (LA)

Continuation of calculus of functions of one variable. Topics include differential equations, including slope fields, numerical solutions, and separation of variables; evaluation of integrals and antiderivatives; applications of integration; improper integrals; series, with an emphasis placed on power series. Prerequisites: MATH 11100 with a grade of C- or better or MATH 10800 with a grade of B or better. (F,S,Y)

Attributes: ESTS, NS

4 Credits

MATH 13500 Mathematical Art with Computers (LA)

Focuses on mathematical concepts such as symmetry, crystallographic groups, recursive patterns, spirals, and the golden ratio as they relate to geometric design. The use of computers enables students to explore these topics without an extensive math background. Prerequisites: Math placement in group 1, 2, or 3, or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (S,Y)

Attributes: 2B, NS

3 Credits

MATH 14400 Statistics for Business, Economics and Management (LA)

A first course in statistics covering descriptive statistical techniques; introduction to probability; statistical inference including problems of estimation and hypothesis testing; correlation and regression analysis; and multiple regression. Data sets and exercises will be chosen from the fields of business, economics, and management. Technology used in this course may include graphing calculators and statistical software. Prerequisite: Math placement in group 1 or 2, or completion of MATH 10400, MATH 10800 or MATH 11000 with a grade of C- or better. Not open to students who have completed MATH 14500 or MATH 21600. (F,S,Y)

Attributes: 2B, ESTS, NS, QL

4 Credits

MATH 14500 Statistics for the Health, Life, and Social Sciences (LA)

A first course in statistics covering descriptive statistical techniques; introduction to probability; statistical inference including problems of estimation and hypothesis testing; one-way ANOVA; and design of experiments. Most of the data sets and exercises will be chosen from the fields of biology, health, and life sciences, as well as from everyday life. Technology used in this course may include graphing calculators and statistical software. Prerequisite: Math placement group 1 or 2, or completion of MATH 10400, MATH 10800 or MATH 11000 with a grade of C- or better. Not open to students who have completed MATH 14400 or MATH 21600. (F,S,Y)

Attributes: 2B, ESTS, NS, QL

4 Credits

MATH 15200 Selected Topics: What Is Mathematics? (LA)

Cultural approach to selected topics in mathematics. See instructor for current list of topics. Students may not receive credit for both MATH 15200 and MATH 25200. Prerequisites: Math placement in group 1, 2, or 3, or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (F-S,Y)

Attributes: 2B, NS

3 Credits

MATH 15300 Mathematics as a Cultural Institution (LA)

Students reflect on and find their own answer to the questions: "What is Mathematics and where does it come from?" Investigates the nature of the institution of mathematics by experiencing, reading about, and discussing several aspects of mathematical thinking and learning. Uses ideas from philosophy, psychology, history, sociology, and biology to explore and gain insight into math as it has developed historically, as it is taught in schools, and as it is used in society. Prerequisites: MATH placement in group 1, 2, or 3, or completion of MATH 10000 with a grade of C- or better. (S,Y)

Attributes: NS, SO, SS, TIII, TWOS

3 Credits

MATH 15500 Basic Statistical Reasoning (LA)

Basic concepts involved in statistical reasoning, such as sampling and experimental design, description of data, normal approximation to data, correlation and regression, and probability. Emphasis is placed on understanding the use of statistics rather than on how to do statistical analysis. Not open to students who have taken MATH 14400, MATH 14500, MATH 21600 or PSYC 20700. Prerequisites: Math placement in group 1, 2, or 3, or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (F,S,Y)

Attributes: 2B, ESTS, NS, QL

3 Credits

MATH 16100 Math and Society (LA)

Explores connections between mathematics and the liberal arts. Covers three to six topics chosen for their mathematical and societal component, with comparable emphasis given to each component. Only a high school math background is assumed, but students must have scored in group 2 or 1 on the math placement exam. Actual course content varies with instructor, but examples of topics are exponential growth and world population; symmetry and group theory in art and architecture; fair allocation and equity; binomial models and the death penalty; quantitative communication and the media. Prerequisites: Math placement in group 1 or 2, or completion of MATH 11000 with a grade of C- or better. (F,S,Y)

Attributes: 2B, NS, SO, TIII, TWOS

3 Credits

MATH 16200 Proofiness (LA)

Explores the ways in which numerical arguments are used to deceive people. Discussions focus on particular types of numbers and numerical arguments in various contexts, such as education, finance, and health care. (Y)

Attributes: NS, QL

3 Credits

MATH 16300 Numbers in Education (LA)

Introduces different quantitative methods that are used by different stakeholders (teachers, administrators, and policy makers) to make decisions related to education. Topics include the achievement gap in education and data-driven instruction. (Y)

Attributes: NS, QL

3 Credits

MATH 16400 Math, Fairness, and Democracy (LA)

Addresses mathematical topics that have close connections to politics: apportionment, voting and weighted voting, fair division, and districting. (Y)

Attributes: QL, SO, TPJ, TWOS

3 Credits

MATH 18500 Math Experimentation (LA)

Students explore mathematical phenomena experimentally, detect patterns, and provide mathematical explanations for these patterns. Students gain insight into mathematical thinking and the process of conjecture by designing and implementing mathematical algorithms with a Computer Algebra System. Discrete dynamical systems including Markov chains will be investigated. Other topics vary but may include the distribution of prime numbers, modular arithmetic, the Collatz Conjecture. Prerequisites: Math placement in group 1, or completion of MATH 11000 with a grade of C- or better. (F,S,Y)

Attributes: NS

3 Credits

MATH 19000 Selected Topics in Mathematics (LA)

Topics to be determined by instructor and department. May be repeated for credit for selected topics on different subjects. Prerequisites:

Appropriate to topics. (IRR)

Attributes: 2B, NS

1-4 Credits

MATH 19100 World of Mathematics (LA)

Introduction to advanced mathematics through faculty presentations and problem-solving activities. Prerequisites: MATH 11200 or MATH 18500 (either may be taken concurrently). Pass/Fail only. (S,Y)

1 Credit

MATH 19200 Independent Study: Math (LA)

Individual study of selected subjects extending the student's mathematical knowledge. Prerequisites: Permission of instructor. (IRR)

Attributes: UND

1-3 Credits

MATH 21100 Calculus III (LA)

Introduction to vectors and the geometry of vector spaces. Calculus of functions of several variables: partial derivatives, gradients, optimization, double integrals. Prerequisites: MATH 11200 with a grade of C- or better. (F-S,Y)

Attributes: 2B, NS

4 Credits

MATH 21200 Calculus IV (LA)

Multiple integrals and change of variables. Line and surface integrals. Classical theorems of vector calculus. Prerequisites: MATH 21100 with a grade of C- or better. (S,Y)

Attributes: NS

3 Credits

MATH 21400 Differential Equations (LA)

Topics will include modeling with differential equations, existence and uniqueness of solutions, separation of variables; first order linear equations; second order equations with constant coefficients; homogeneous equations, phase plane analysis, eigenvalues; and systems of differential equations. Additional topics may include: series solutions of differential equations, non-linearity and equilibrium analysis, and transforms among others. Prerequisites: MATH 11200 with a grade of C- or better. (S,Y)

Attributes: NS

3 Credits

MATH 21600 Statistical Analysis (LA)

An introduction to statistical analysis for students with a calculus background, developing an understanding of descriptive and inferential statistics through the use of a variety of traditional and simulation methods. Topics will include hypothesis testing and parameter estimation. Additional topics to be selected from experimental design and data collection, exploratory data analysis, non-parametric methods, monte carlo and resampling methods, analysis of variance, correlation and regression. Statistical literacy and data analysis concepts will be emphasized. Prerequisites: MATH 10800 with a grade of B or better, or MATH 11100 with a grade of C- or better. (F,Y)

Attributes: NS, QL

3 Credits

MATH 22000 Mathematics for Childhood Education (LA)

This is a math content course for future elementary school teachers. Students develop a deep understanding of mathematical content, strengthen their mathematical reasoning and problem-solving skills, and learn how to help elementary students make mathematical sense of their world. (S,Y)

Attributes: NS, QL

3 Credits

MATH 23100 Linear Algebra (LA)

Topics include systems of linear equations and solutions; matrix operations; linear independence, span, basis, dimension, rank; linear operators and matrix representations; vector spaces, subspaces, change of coordinates; eigenvalues, eigenvectors; and applications. Prerequisites: MATH 11200 with a grade of C- or better. (F,S,Y)

Attributes: NS

3 Credits

MATH 24600 Intermediate Statistics (LA)

Covers statistical methods not typically covered in introductory statistics courses. Topics include multivariate analysis and nonparametric techniques, bootstrapping and jackknife methods, and two-way ANOVA. Emphasis will be placed on working with data sets from a broad variety of disciplines with an exploratory data analysis approach. The statistical software environment R will be used in analyzing data. Prerequisite: MATH 14400, MATH 14500, MATH 21600, or PSYC 20700 with a grade of C- or better. (S,Y)

Attributes: NS, QL

3 Credits

MATH 25000 Problem-Solving Seminar (LA)

Techniques used in the solution of diverse mathematical problems are developed and discussed. Problems will often be drawn from national competitions, such as the Putnam exam and the COMAP Modeling Competition, or from problem sections of mathematics journals. The course will be offered for either 0.5 or one credit ; it may be repeated for credit up to a total of four credits. Prerequisites: MATH 11100 with a grade of C- or better. Pass/fail only. (F,S)

Attributes: NS

0.5-1 Credits

MATH 27000 Mathematical Reasoning with Discrete Mathematics (LA)

Focus is on the underpinnings of and strategies for mathematical arguments that constitute mathematical proof. These underpinnings include logical connectives, (universal and existential) quantification, and rules of deductive inference. Strategies include direct proof, indirect proof, "proof" by counterexample, proof by cases, and proof by induction. Students learn to employ these strategies and concepts to create basic mathematical proofs. Content topics include, but are not limited to, fundamentals concepts of sets and functions as well as multiple topics from discrete mathematics that include elementary counting principles. Prerequisites: MATH 23100 or MATH 18500 with a grade of C- or better. MATH 18500 may be taken concurrently. (S,Y)

Attributes: NS

3 Credits

MATH 29000 Selected Topics in Mathematics (LA)

Topics to be determined by instructor and department. This course may be repeated for credit when topics vary. Prerequisites: Permission of instructor. (IRR)

Attributes: NS

1-4 Credits

MATH 29200 Independent Study: Math (LA)

Individual study of selected subjects extending the student's mathematical knowledge. Prerequisites: Permission of instructor. (IRR)

Attributes: UND

1-3 Credits

MATH 30300 Abstract Algebra (LA)

Introduction to algebraic structures. Study includes concepts from group theory, ring theory, or field theory. Topics may include Abelian groups, cyclic groups, permutation groups, factor groups, ideals, quotient rings, integral domains, isomorphisms, and homomorphisms. Additional topics may be included. Prerequisites: One three or four credit level 2 MATH course with a grade of C- or better. (F,Y)

Attributes: NS

4 Credits

MATH 30500 Introduction to Analysis (LA)

Topology of the real line. Continuity, differentiability, and integrability of functions of a real variable. Prerequisites: One three to four credit level 2 MATH course with a grade of C- or better. (S,Y)

Attributes: NS

4 Credits

MATH 31100 Complex Analysis (LA)

Students explore the theory of functions defined in the complex plane, highlighting the interplay between geometric visualization and analysis. Topics may include the geometry of analytic mappings, power series, Cauchy's Theorem, and the Residue Theorem. Connections to other areas of mathematics and to other scientific fields will be explored through applications. Prerequisites: MATH 21100 or MATH 23100. (E,S)

3 Credits

MATH 31600 Probability (LA)

Topics include probability systems; random variables, their distributions, and expected values. Additional topics may include queueing theory, the theory of Poisson processes and the theory of Markov processes. Prerequisites: MATH 21100 with a grade of C- or better. (S,Y)

Attributes: NS

3 Credits

MATH 32100 Graph Theory and Combinatorics (LA)

Topics in graph theory include basic properties of graphs, Eulerian trails, Hamilton chains, trees, and may include the chromatic polynomial, planar graphs, and the independence number. Topics in combinatorics include the pigeonhole principle, permutations and combinations, the binomial theorem, and may include generating functions, Catalan numbers, and Stirling numbers. Prerequisites: COMP 22000 or one MATH course at the 200-level. (E,F)
3 Credits

MATH 33100 Numerical Analysis (LA)

Theory and applications of numerical techniques. Topics will include error analysis, solution of non-linear equations and systems of equations, interpolation, approximation, numerical integration and differentiation and numerical solution of initial-value problems. Prerequisites: MATH 21100 or MATH 23100. (O,S)
3 Credits

MATH 34800 Modern Data Science with R (LA)

Modern data science brings together programming, statistics, and mathematical skills to understand the world. The course focuses on data visualization and modeling, while also covering topics related to data management and programming in the R environment. Students use theory together with programming and statistical methods to develop the capacity to create new and unique models, visualizations, and/or solutions in data-based multidisciplinary investigations into problems from a variety of fields. Prerequisites: MATH 11200 (may be taken concurrently) and MATH 24600. (F,Y)
3 Credits

MATH 36200 Modern Geometry (LA)

Rigorous development of Euclidean and hyperbolic geometry from both a metric and synthetic point of view. Some topics in transformational geometry are also covered. Prerequisites: One three to four credit level 2 MATH course with a grade of C- or better. (F,O)
Attributes: NS
4 Credits

MATH 39000 Selected Topics in Mathematics (LA)

Topics to be determined by instructors and department. Fulfills a required mathematics elective. This course may be repeated for credit when topics vary. Prerequisites: Permission of instructor. (IRR)
Attributes: NS
1-4 Credits

MATH 39100-39200 Independent Study: Mathematics (LA)

Individual study of selected subjects extending the student's mathematical knowledge. This course may be repeated for credit for different studies. Does not fulfill a required mathematics elective. Prerequisites: MATH 27000 with a grade of C- or better. (IRR)
Attributes: UND
1-3 Credits

MATH 39700 Junior Seminar (LA)

Students will work with faculty on focused mathematical investigations. Research problems will be presented by faculty teaching MATH 39810 Research Experience in Mathematics. Students will attend a variety of talks related to mathematics. Weekly problem solving related to research topics. Prerequisites: One level-2 MATH course. Pass/fail only. (F, Y)
Attributes: NS, UND
1 Credit

MATH 39810 Research Experience in Mathematics (LA)

Students actively participate in mathematical investigation and exposition, working collaboratively on research questions. Review of relevant literature and research methods will be incorporated. Students are required to present their findings both in writing (consistent with the standards of the discipline) and in public presentations. Topics vary by instructor. Prerequisites: MATH 39700; permission of instructor. (S,Y)
Attributes: NS
3 Credits

MATH 41000 Selected Topics in Continuous Mathematics (LA)

Emphasis is on mathematical topics in which the concept of continuity plays a key role. Specific content varies. Topics may include but are not limited to, topology, manifold theory, fractal geometry, advanced real analysis, differential topology, advanced differential equations, and continuous dynamical systems. Prerequisites: One level-3 mathematics course with a grade of C- or better; junior standing. (IRR)
Attributes: NS
3 Credits

MATH 41100 Complex Analysis (LA)

Students explore the theory of functions defined in the complex plane, highlighting the interplay between geometric visualization and analysis. Topics include the geometry of analytic mappings, power series, Cauchy's Theorem, and the Residue Theorem. Connections to other areas of mathematics and to other scientific fields will be explored through applications. Prerequisites: One level-3 mathematics course with a grade of C- or better; junior standing. (IRR)
Attributes: NS
3 Credits

MATH 42000 Selected Topics in Discrete Mathematics (LA)

Emphasis is placed on mathematical topics principally concerned with discrete entities. Specific content varies. Topics include, but are not limited to, number theory, fair division, game theory, discrete dynamical systems and advanced topics in group, ring, or field theory. Prerequisites: One level-3 mathematics course; junior standing. (IRR)
Attributes: NS
3 Credits

MATH 42100 Graph Theory and Combinatorics (LA)

Topics in graph theory include basic properties of graphs, Eulerian trails, Hamilton chains, trees, and may include the chromatic polynomial, planar graphs, and the independence number. Topics in combinatorics include the pigeonhole principle, permutations and combinations, the binomial theorem, and may include generating functions, Catalan numbers, and Stirling numbers. Prerequisites: One level-3 mathematics course with a grade of C- or better; junior standing. (IRR)
Attributes: NS
3 Credits

MATH 43000 Selected Topics in Applied Mathematics (LA)

Emphasis is on mathematics topics in an applied setting. Topics may include, but are not limited to mathematical modeling, partial differential equations, wavelets, scheduling theory, applied dynamical systems, and actuarial mathematics. Prerequisites: One level-3 mathematics course with a grade of C- or better; junior standing. (IRR)
Attributes: NS
3 Credits

MATH 43100 Numerical Analysis (LA)

Theory and applications of numerical techniques. Topics will include error analysis, solution of non-linear equations and systems of equations, interpolation, approximation, numerical integration and differentiation and numerical solution of initial-value problems. Prerequisites: One level-3 mathematics course with a grade of C- or better; junior standing. (IRR)

Attributes: NS
3 Credits

MATH 48000 Connections in Advanced Mathematics (LA)

Study of connections and relationships among various disciplines within mathematics. Specific content varies. Topics may include, but are not limited to, the following: historical development of mathematics and various philosophies of mathematics, cultural similarities and differences in viewpoints and developments in mathematics, cross-discipline approaches that combine subdisciplines such as probability techniques in number theory and random graph theory, field theory and geometric constructions, and algebraic topology. This course may be repeated for credit when topics vary. Prerequisites: One 300-level course in mathematics with a grade of C- or better. (F,Y)

Attributes: NS
3 Credits

MATH 49000 Selected Topics in Advanced Mathematics (LA)

Topics to be selected by instructor and students. Fulfills a required mathematics elective. This course may be repeated for credit when topics vary. Prerequisites: Permission of instructor. (IRR)

Attributes: NS
3 Credits

MATH 49200 Independent Study: Mathematics (LA)

Individual study of selected subjects extending the student's mathematical knowledge. Fulfills a required mathematics elective. This course may be repeated for credit. Prerequisites: Permission of instructor. Attributes: NS, UND

1-3 Credits

MATH 49201 Independent Study: Math (LA)

Reading on selected advanced subjects, with frequent, informal discussions with the instructor. Fulfills a required mathematics elective. This course may be repeated for credit. Prerequisites: Permission of instructor.

Attributes: NS
1-3 Credits

MATH 49300 Honors Course in Math (LA)

Preparation of honors thesis in partial fulfillment of requirement for graduation with honors in mathematics. Prerequisites: Honors standing in mathematics. (IRR)

Attributes: NS
1-2 Credits

MATH 49400 Honors Course: Math (LA)

Preparation of honors thesis in partial fulfillment of requirement for graduation with honors in mathematics. Prerequisites: Honors standing in mathematics. (IRR)

Attributes: NS
1-2 Credits

MATH 49800 Capstone in Mathematics I (LA)

Students develop a capstone project proposal that will be completed in MATH 49900. Students reflect on how their prior math courses have prepared them for their project. Prerequisites: Junior standing; six credits in mathematics at level 3 or 4 with a grade of C- or better. (S,Y)

Attributes: CP, WI
1 Credit

MATH 49900 Capstone in Mathematics II (LA)

Students reflect upon the field of mathematics via an integrative project developed in concert with a faculty mentor. Students analyze mathematical ideas related to their projects and integrate this knowledge with ideas learned in the mathematics curriculum. Students complete a comprehensive thesis (begun in MATH 49800) and give a public presentation. Prerequisites: MATH 49800 with a grade of C- or better. (F,Y)

Attributes: CP, WI
2 Credits

Mathematics Major — B.A.

The BA is a comprehensive Mathematics degree that allows students the flexibility to follow their own interests in coursework, research, and independent study. By completing the core, students will develop knowledge and skills in the major areas of mathematics (discrete and continuous, deterministic and probabilistic). In their remaining elective courses, students will be able to pursue their interests in pure or applied mathematics. The math faculty is committed to working with all students to ensure success by providing a supportive environment that stresses critical thinking, intellectual challenge, and continual encouragement.

Policy on prerequisites: A grade of C- or better is required for a course in mathematics to fulfill a prerequisite for another mathematics course. A student must receive the permission of the mathematics department to take a mathematics course that is a prerequisite for a mathematics course for which they have previously received credit.

Summary

Code	Title	Credits
Mathematics B.A. Major Requirements		38
Integrative Core Curriculum Requirements ¹		28-40
Electives		42-54
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

An overall GPA of C (2.00) or above is required in mathematics courses that are being used to fulfill the minimum course requirements for the mathematics major. No more than one passing grade below C- in mathematics courses may be used.

Code	Title	Credits
REQUIRED COURSES IN THE DEPARTMENT		
MATH 11100	Calculus I	4
MATH 11200	Calculus II	4
MATH 19100	World of Mathematics	1
MATH 21600	Statistical Analysis	3
or MATH 24600Intermediate Statistics		

MATH 23100	Linear Algebra	3
MATH 49800	Capstone in Mathematics I	1
MATH xxxxx	Additional 22 credits in MATH at level MATH 17000 or above, with at least 14 credits at 300-level or above ¹	22

Total Credits **38**

¹ The following courses cannot be used to count toward the Mathematics elective requirement: MATH 18800-18899.

Mathematics Major – B.A. with Teaching Option

No additional students are being admitted to this program as of Fall 2021.

This program prepares students for initial New York State certification to teach at the secondary school (7-12) level.

Policy on prerequisites: A grade of C- or better is required for a course in mathematics to fulfill a prerequisite for another mathematics course. A student must receive the permission of the mathematics department to take a mathematics course that is a prerequisite for a mathematics course for which they have previously received credit.

Summary

Code	Title	Credits
	Mathematics with Teaching Option B.A. Content Area Requirements	40
	Core Education Requirements	41-47
	Integrative Core Curriculum Requirements ¹	17-29
	Electives	6-24
	Total Credits	120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

An overall average of B (3.00) or above is required in mathematics courses that are being used to fulfill the minimum course requirements for the mathematics major. Also, no more than one passing grade below C- in mathematics courses may be used.

Code	Title	Credits
REQUIRED MATHEMATICS COURSES		
MATH 11100	Calculus I	4
MATH 11200	Calculus II	4
MATH 18500	Math Experimentation	3
MATH 19100	World of Mathematics	1
MATH 21100	Calculus III	4
MATH 21600	Statistical Analysis	3
	or MATH 24600 Intermediate Statistics	
MATH 23100	Linear Algebra	3
MATH 27000	Mathematical Reasoning with Discrete Mathematics	3
MATH 30300	Abstract Algebra	4
MATH 36200	Modern Geometry	4

MATH 39700	Junior Seminar	1
MATH 3xxxx-MATH 4xxxx	Of the 6 MATH upper-level credits, at least 3 credits at level 4; MATH 39100 cannot be used as an elective.	6

CORE EDUCATION REQUIREMENTS		
EDUC 10200	Reading Foundations	2
EDUC 20200	Literacy Across the Disciplines for Middle and Secondary Education	2
EDUC 20100	Technology for the Middle/Secondary School Teacher	2
EDUC 21010	Educational Psychology	3
EDUC 21800	Introduction to Pedagogy and Practice	3
EDUC 21910	Early Field Experience: Theory and Practice	3
EDUC 22900	Second Language Acquisition: Its Nature and Meaning for Educators	2
EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education	3
EDUC 40800	Professional Development Seminar	0
EDUC 40510	Pedagogy and Practice for the Mathematics Teacher	3
EDUC 41210	Seminar in Reflective Practice	3
EDUC 49810	Professional Semester in Education	12
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
	Foreign Language Proficiency	0-6
	Total Credits	81-87

Additional Education Requirements

1. All teaching-option students must successfully complete a year of college-level study in a language other than English or demonstrate equivalent proficiency.
2. All teaching-option students must successfully complete a writing course numbered WRTG 10600 or above.
3. All teaching-option students must maintain a minimum overall G.P.A. of 3.0 as well as a G.P.A. of 3.0 in their subject area coursework.
4. Students must earn a grade of B or better in all EDUC courses in the Education Core to qualify for student teaching. A grade of B- does not qualify.
5. EDUC 49810 and EDUC 41210 constitute a full course load during the student-teaching semester. No additional courses may be taken nor can teacher candidates participate in extra-curricular activities that have the potential to affect time for teaching and preparation.
6. During the semester of student teaching, the student may not play a college sport.
7. All candidates for initial certification must successfully complete all New York State Certification tests or performance assessments

required by the state for the applicant’s intended teaching certificate (type, grade levels, and subject areas).

8. The mathematics department chair and the coordinator of teacher education must approve any exceptions to the above requirements.

9. The All-College Teacher Education Unit at Ithaca College requires teacher education students, regardless of program area, to be reviewed at four programmatic transition points during their course of study. Continuation in a teacher education major is contingent upon the student successfully meeting the requirements of each transition point review; therefore, admission into one of the Ithaca College Teacher Education Program majors at admission or upon transfer to the College *does not guarantee* that a student will be allowed to complete the program required for teaching certification. Further information can be found in the Unit-Wide Assessment Systems section of the main Department of Education catalog page.

Mathematics, B.S.

The BS is designed for students interested in continuing studies in math intensive fields after graduation. By completing the core, students will develop knowledge and skills in the major areas of mathematics (discrete and continuous, deterministic and probabilistic). By designing a concentration, students will explore in depth mathematics of their own choosing. The math faculty is committed to working with all students to ensure success by providing a supportive environment that stresses critical thinking, intellectual challenge, and complex problem solving.

Policy on prerequisites: A grade of C- or better is required for a course in mathematics to fulfill a prerequisite for another mathematics course. A student must receive the permission of the mathematics department to take a mathematics course that is a prerequisite for a mathematics course for which they have previously received credit.

Summary

Code	Title	Credits
Mathematics B.S. Major Requirements		56
Integrative Core Curriculum Requirements ¹		28-40
Electives		24-36
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

An overall GPA of C (2.00) or above is required in mathematics courses that are being used to fulfill the minimum course requirements for the mathematics major. No more than one passing grade below C- in mathematics courses may be used.

Code	Title	Credits
REQUIRED COURSES IN THE DEPARTMENT		
MATH 11100	Calculus I	4
MATH 11200	Calculus II	4
MATH 18500	Math Experimentation	3
MATH 19100	World of Mathematics	1
MATH 21600	Statistical Analysis	3
or MATH 24600	Intermediate Statistics	
MATH 23100	Linear Algebra	3

MATH 30300	Abstract Algebra	4
or MATH 30500	Introduction to Analysis	
MATH 39700	Junior Seminar	1
MATH 49800	Capstone in Mathematics I	1
MATH 49900	Capstone in Mathematics II	2
MATH xxxxx	12 additional MATH credits at MATH 17000 or above ¹	12

CONCENTRATION REQUIREMENT	
The concentration must be planned with the adviser and approved by the department by the end of the student’s fourth semester. The concentration design must meet the following criteria:	18
1) All courses must be at 300-level or above	
2) At least 6 credits must be MATH courses	
Total Credits	56

¹ The following courses cannot be used to count toward the Mathematics elective requirement: MATH 18800-18899.

Data Science Minor

MINOR REQUIREMENTS

No more than 15 credits from a student’s major or other minor may overlap with minor requirements.

Code	Title	Credits
COMP 17100	Principles of Computing Science I	4
MATH 10800	Applied Calculus	4
or MATH 11100	Calculus I	
MATH 11200	Calculus II	4
Select one from the following:		3-4
MATH 14400	Statistics for Business, Economics and Management	
MATH 14500	Statistics for the Health, Life, and Social Sciences	
MATH 21600	Statistical Analysis	
PSYC 20700	Statistics in Psychology	
MATH 24600	Intermediate Statistics	3
MATH 34800	Modern Data Science with R	3

Restricted Electives		
Choose two courses from the following:		6-8
COMP 17200	Principles of Computer Science II	
COMP 22000	Introduction to Data Structures	
COMP 31100	Algorithms and Data Structures	
COMP 35400	Intelligent Systems	
ECON 33300	Econometrics I	
MATH 21100	Calculus III	
MATH 23100	Linear Algebra	
MATH 31600	Probability	
Total Credits		27-30

Mathematics Minor

The mathematics minor program provides an option for nonmajors who wish to take mathematics courses, be guided in course selection,

and receive recognition for their studies. Students interested in a mathematics minor should consult a departmental adviser.

Policy on prerequisites: A grade of C- or better is required for a course in mathematics to fulfill a prerequisite for another mathematics course. A student must receive the permission of the mathematics department to take a mathematics course that is a prerequisite for a mathematics course for which they have previously received credit.

Requirements

An overall average of C (2.00) or above is required in mathematics courses being used to fulfill the minimum course requirements for the minor. No more than one passing grade below C- in mathematics courses may be used.

Code	Title	Credits
MATH 11100	Calculus I	4
MATH 11200	Calculus II	4
MATH 18500	Math Experimentation	3
	or MATH 23100Linear Algebra	
MATH xxxxx	9 additional credits chosen from MATH 17000 or above. At least 6 credits must be at level 2 or above. ¹	9
Total Credits		20

¹ The following courses cannot be used to count toward the Mathematics elective requirement: MATH 18800-18899.

Department of Philosophy and Religion

Bachelor of Arts

Craig M. Duncan, Professor and Chairperson

The Department of Philosophy and Religion offers courses that develop critical and creative skills, as well as broad-ranging knowledge of fundamental beliefs and ideas. Such skills and knowledge are brought about by:

1. training students in the analysis and clarification of concepts involved in all forms of thinking, whether legal, medical, political, scientific, or metaphysical;
2. systematically analyzing and evaluating topics of perennial human interest, such as religion, art, and morality; and
3. challenging students to articulate and develop their own ideas in the context of argumentation.

The Introduction to Philosophy courses (PHIL 10100 and PHIL 10200) are highly recommended as stepping-stones to all other courses in philosophy.

The courses Religion Matters (RLST 10100), Religion in Global Contexts (RLST 10500), and A History of God (RLST 10600) are highly recommended as stepping stones to all other courses in religious studies.

Philosophy Major and Minor

Philosophy is the most conceptually fundamental of the liberal arts. It is that academic discipline that is most concerned with ideas. The student studying philosophy is trained to understand abstract ideas and

their relations to one another and the world, and to learn what have been among the most influential ideas in human history from ancient times to the present. Philosophy majors and minors develop valuable career skills, such as reading and understanding complex materials, making logical arguments, explaining ideas clearly in oral and written form, and thinking creatively about things from multiple perspectives.

Religious Studies Major and Minor

Religion is one of the most pervasive, persistent, and influential components of the human experience. Students in religious studies come to see religious traditions as evolving historical phenomena and a global force in the modern world, while developing an enhanced awareness of different worldviews—including their own. They also cultivate critical reading, writing, and thinking skills highly valued by graduate schools and employers, while studying a fascinating array of texts, rituals, myths, and material culture from around the globe

JEWISH STUDIES Minor

Jewish studies approaches the history and culture of the Jewish people from multicultural and interdisciplinary perspectives. Jewish Studies minors gain knowledge about Jewish history, religion, and culture by exploring who Jews are in their geographic and cultural diversity. Students focus on Jewish religious beliefs and practices, philosophy, literature, folklore, visual arts, music, and the media. The Jewish studies minor is useful for students pursuing careers in which multicultural awareness is important, in addition to students considering professional careers related to Jewish religion, education, or community service.

REQUIREMENTS FOR HONORS IN PHILOSOPHY AND RELIGION

Honors in the Department of Philosophy and Religion are offered for the purpose of encouraging, challenging, and recognizing majors and minors who undertake advanced academic work.

Majors and minors in the department may apply for honors by submitting an honors thesis. Written application to the honors program must be made to the department chair early in the senior year. A minimum GPA of 3.50 in the major or minor is required.

An adviser and a second reader are appointed by the chair in consultation with the student and members of the faculty. The adviser supervises the writing of the thesis, which should be at most 30 pages long and must be completed by March 31. The departmental faculty decides whether the thesis has earned honors designation. Then, if the student wishes, the adviser arranges for an oral presentation of the accepted thesis to the departmental faculty, guests, and other philosophy and religion majors and minors.

Majors & Minors

- Philosophy Major — B.A. (p. 505)
- Religious Studies - B.A. (p. 505)
- Jewish Studies Minor (p. 506)
- Philosophy Minor (p. 506)
- Religious Studies Minor (p. 506)

Subjects in this department include: Philosophy (PHIL) (p. 498) and Religious Studies (RLST) (p. 502)

Philosophy (PHIL)

PHIL 10100 Introduction to Philosophy (LA)

Introduction to philosophy that focuses on perennial philosophical problems, such as the relation of the mind to the body, the possibility of truth and objectivity, the purpose of human life, and the existence of God, utilizing classical, modern, or contemporary works. (F,S,Y)

Attributes: HM, HU, LMSP, LSCO, TIDE, TMBS

3 Credits

PHIL 10200 Introduction to Philosophy: Greek Foundations (LA)

Introduction to philosophy through the study of Greek thought as the foundation of the Western philosophical tradition. Covers the pre-Socratics, Plato, and Aristotle. (IRR)

Attributes: CSA, HM, HU, TIII

3 Credits

PHIL 15100 Reasoning (LA)

An introduction to the techniques of organized thinking. The course focuses on three areas: (1) the analysis and evaluation of passages that contain reasoning; (2) the fundamentals of logic; and (3) problem solving by deduction. The first two areas serve to increase the student's comprehension of argumentative discourse. The third involves the marshaling of facts and data to arrive at conclusions. (F-S,Y)

Attributes: HU, LMSP, LSCO

3 Credits

PHIL 17500-17505 Selected Topics in Philosophy (LA)

Topics to be determined according to teacher and student interest. (IRR)

Attributes: 1, HU

3 Credits

PHIL 20100 Plato and Aristotle (LA)

Study of selected texts and ideas of the founders of classical Western philosophy. Texts include selected dialogues of Plato and selections from Aristotle's writings, including the "Metaphysics" and "Nichomachean Ethics." Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (IRR)

Attributes: CSA, HU

3 Credits

PHIL 20300 Introduction to Logic (LA)

An introductory treatment of contemporary symbolic logic. Topics include argument structure, validity/invalidity, and soundness and unsoundness, truth-tables, and an exploration of elementary propositional logic including truth-functions and formal proofs. Time-permitting, some elementary quantificational logic may be covered. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (F,S,Y)

Attributes: ESTS, HM, LMEL, LMSP, LSCO, NS, QL, TIII, TWOS

3 Credits

PHIL 20400 Choosing Wisely: An Introduction to Rational Choice (LA)

An introduction to rational choice theory, a theory that proposes rules that prescribe how individuals ought to behave so as to best satisfy their preferences. Special attention is paid to representing preferences numerically and using that formal representation to determine which action among a set of possible actions should be chosen. Applications include uses of probability and decision theory in epistemology, the philosophy of religion, and ethics. Some applications outside of philosophy are discussed as well, including economics, voting theory, and biology. General topics covered include probability, decision theory, game theory, and social choice. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (F,S,Y)

Attributes: NS, QL

3 Credits

PHIL 21200 Introduction to Ethics (LA)

Introduction to the problems and theories of normative thinking. Is there a right thing to do, and how can we tell what it is? Contemporary moral issues, such as abortion, capital punishment, discrimination, war, aid to the needy, require us to reflect carefully on fundamental topics in ethics, including rights, human dignity, responsibility, and the value of life. Readings selected from both classical and modern sources.

Prerequisites: One liberal arts course in any of the following departments:

ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (Y)

Attributes: HM, HU, LMEL, LMSP, LSCO, TIDE

3 Credits

PHIL 22000 Political Philosophy (LA)

Introduction to the central questions of political philosophy. Topics include the disputed necessity of a political authority; various attempts to justify a political obligation to comply with the demands of the state; an examination of the merits and weaknesses of democracy as a legitimate form of governing; the proper scope of a right to liberty within a democratic society; and questions of distributive justice, including the justice of redistribution of wealth to rectify large social inequities.

Prerequisites: One liberal arts course in any of the following departments:

ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (IRR)

Attributes: HM, HU, LMEL, LMSP, LSCO, TPJ

3 Credits

PHIL 22300 Introduction to the Philosophy of Art (LA)

Analysis of the problem of defining art, examination of criteria used to evaluate artworks, illustration of Langer's principles of art, and consideration of avant-garde and Marxist views of art. Prerequisites:

One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (IRR)

Attributes: HM, HU, TIII

3 Credits

PHIL 22500 Science and Pseudoscience (LA)

Examination of selected issues concerning scientific methodology and the demarcation of genuine science from phony science (pseudoscience). Issues include the role of observational evidence in confirmation and disconfirmation of scientific hypotheses, properties a hypothesis must have to be empirical and therefore refutable, and the ways scientific explanation differs from nonscientific explanations. Students learn how to distinguish legitimate science from nonscientific belief systems that attempt to pass as science in the eyes of the public. Prerequisites: Sophomore standing, or permission of instructor. (IRR) Attributes: ENHU, ESHU, HU
3 Credits

PHIL 23000 Bioethics (LA)

Bioethics focuses on moral questions about life, human and non-human. It explores the reasoning and moral principles at stake in medical decisions, including, for example, abortion, euthanasia, medical experimentation, and distribution of health care. The moral dimensions of broader life issues, such as cloning and reproductive technology, are also relevant. Such practical topics in bioethics force us to reflect on fundamental ethical matters, including the nature of morality, rights, and the value of life. Prerequisites: Sophomore standing, or permission of instructor. (F,S) Attributes: ENHU, ESHU, HM, LMEL, LMSP, LSCO, TMBS
3 Credits

PHIL 24000 Philosophy in Film (LA)

Exploration of various philosophical issues conveyed in film. The course uses the narratives in film to illustrate various philosophical issues and offers philosophical reflection as an interpretive medium to understand films. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (IRR) Attributes: 1, ENHU, ESHU, HU, MAP, SCE
3 Credits

PHIL 25200 Environmental Ethics (LA)

A critical examination of various moral problems raised when considering environmental issues. Questions regarding the moral status of animals, future generations, and the environment as a whole are explored. Also taken up are the moral aspects of famine relief, population control, and resource use. These issues and others generate challenging and fundamental questions of moral philosophy: What is the basis of obligation? Do animals have rights? What does it mean to say something is intrinsically valuable? Students cannot receive credit for both this course and ENVS 25200. Prerequisite: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENVS, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST. (Y) Attributes: ABSS, HM, TPJ, TQSF
3 Credits

PHIL 26000 Difference and Community (LA)

Individuals sometimes find themselves at odds with the larger community, as do minority groups whose ways of life are unfamiliar or alarming to those in the majority. How should we balance the often competing demands of individuals, groups, and the larger community? What sort of community, if any, is possible despite our individual and group differences? To answer questions such as these, this course will examine philosophical debates over individual liberty, toleration, and multiculturalism. Prerequisite: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (F,O) Attributes: HM, HU, TIDE, TPJ
3 Credits

PHIL 26500 Philosophical Problems in Law (LA)

Examination and evaluation of basic practices and principles of law, focusing on such topics as the nature and extent of legal authority, the interpretation of law, and the justification of punishment, including capital punishment. Examination of prominent legal cases and their underlying principles. Emphasis is placed on philosophical analysis and moral evaluation. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (Y) Attributes: HM, HU, TPJ
3 Credits

PHIL 27500-27503 Selected Topics in Philosophy (LA)

Topics to be determined according to teacher and student interest. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (IRR) Attributes: 1, HU
3 Credits

PHIL 27504 ST: Philosophy (LA)

Topics to be determined according to teacher and student interest. Prerequisites: Sophomore standing, or permission of instructor. (IRR) Attributes: 1, HU
3 Credits

PHIL 27505 Selected Topics in Philosophy (LA)

Topics to be determined according to teacher and student interest. Prerequisites: Sophomore standing, or permission of instructor. (IRR) Attributes: 1, HU
3 Credits

PHIL 28300 Introduction to Buddhism (LA)

Study of the life and teachings of the historical Buddha, development of Theravada, Mahayana, and Vajrayana traditions in Asia and their globalization in the contemporary world, utilizing both classic and contemporary texts. Students may not receive credit for this course and RLST 28300. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (E) Attributes: G, H, INBG
3 Credits

PHIL 28600 Philosophy and Literature (LA)

Explores philosophical issues related to literary fiction and focuses on philosophical questions related to literary discourse. Questions range from 'Do fictional entities exist?' and 'How is it possible to be emotionally moved by fictional events and characters?' to 'How do metaphors work?' and 'Who are the genuine authors of literary texts?' Prerequisites: WRTG 10600 or ICSM 10800 or ICSM 11800; sophomore standing. (IRR)
Attributes: WI
3 Credits

PHIL 30100 God, Self, World: Seventeenth Century Philosophy (LA)

Study of early British empiricism and continental rationalism with an emphasis on the works of Descartes, Spinoza, and Leibniz. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU
3 Credits

PHIL 30200 Perception, Causation, and the Limits of Human Reason: Eighteenth-Century Philosophy (LA)

Study of Locke, Berkeley, Hume, and Kant. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU
3 Credits

PHIL 31100 Philosophy of Religion (LA)

Study and discussion of a broad range of issues in the philosophy of religion, such as religious epistemology, the ontological argument, the cosmological argument, the teleological argument, religion and science, and the problem of evil. Primary source readings. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU, LMSP
3 Credits

PHIL 31300 Marxist Philosophy (LA)

Analysis of the basic elements of Marx's philosophy: dialectical materialism, economic determinism, ethical relativism, ideology and science, and the thesis of class struggle and exploitation. Examines how these concepts might be applied to contemporary capitalist development. Seminar. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU
3 Credits

PHIL 32100 Intermediate Logic (LA)

Topics include a review of propositional logic, first-order quantificational logic including relations and identity, and elementary logical metatheory for both propositional logic and basic first-order logic, including soundness and completeness proofs. The Incompleteness of higher first-order logics is presented conceptually but without formal proof techniques. Prerequisites: PHIL 20300 or MATH 27000. (IRR)
Attributes: NS
3 Credits

PHIL 32600 Seminar in Aesthetics (LA)

Examination of traditional and contemporary aesthetic concepts such as empathy, psychic distance, the beautiful and the sublime, and expressive form, with special attention to the nature of aesthetic responsiveness and judgment, and the kind of meaning to be found in art. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU
3 Credits

PHIL 33000 The Good Life (LA)

This course examines one of the oldest and most compelling questions of all time: What is a good life? We all want good lives and we all strive to achieve good lives, but despite the overriding importance of the question, we give little reflective thought to what a good life might be. Is there one particular form that a life must exemplify in order to be good, or are there many kinds of good lives? Is judging a life to be good sufficient for it to be good, or is this the sort of thing one can get wrong? The course will consider what great thinkers – classical, modern, and contemporary – have written on this issue. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU
3 Credits

PHIL 34000 Global Ethics (LA)

The course surveys significant ethical challenges that are global in scope: Are there such things as universal human rights, or is morality ultimately relative to one's particular culture? What, if any, duties do we have to the global environment? What is the difference between a just and unjust war, and between just and unjust ways of combating terrorism? Morally speaking, what can be said in defense of economic globalization, and against it? Are global inequalities in wealth morally defensible? Prerequisites: At least one 20000-level PHIL course or permission of instructor. (F, E)
Attributes: HU, INBG, LMEL, LMSP, LSCO
3 Credits

PHIL 34800 Epistemology: Theories of Knowledge and Justified Belief (LA)

Philosophical study of knowledge and justified belief, with an emphasis on how these are possible in the face of skeptical threats. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU
3 Credits

PHIL 35000 Philosophy of Science (LA)

A comprehensive survey of issues in the philosophical foundations of science. Topics include the structure and function of scientific theories; the dispute over the existence or nonexistence of theoretical entities; reductionism and antireductionism; laws of nature and models of scientific explanation; Kuhn and historicist models of science; the realism/antirealism dispute over the philosophical implications of scientific theories. Prerequisites: PHIL 20300 or permission of instructor. (IRR)
Attributes: HU
3 Credits

PHIL 35200 Moral Philosophy (LA)

Critical exploration of foundational issues in metaethics and normative ethical theory. Topics for consideration include moral relativism, moral realism, and morality and self-interest, along with utilitarian, deontological, natural law, and contractarian theories of ethics. Moral concepts such as rights, duty, and value will also be considered. Readings will be from both classical and contemporary sources. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)
Attributes: HU, LMEL, LMSP, LSCO
3 Credits

PHIL 35500 Metaphysics (LA)

Metaphysics is the philosophical investigation into the ultimate nature of reality. This course examines issues and answers in traditional and contemporary metaphysics. Topics include personal identity, causality, determinism, essence and accident, mind and matter, and the nature of God. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)

Attributes: 1, HU
3 Credits

PHIL 36000 Philosophy of Mind (LA)

The distinctive feature of human beings that traditionally has been held to separate us from the rest of the universe is our supposed possession of a special thing/capacity called "mind." In this course we investigate what kind of thing (or non-thing) the mind is, what relation it has to bodily behavior, and how and why the mind has the extraordinary ability to represent the world truly or falsely. Topics include such questions as, Is the mind physical or non-physical? What is a mental state? What kinds of beings can possess minds? Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)

Attributes: 1, HU
3 Credits

PHIL 36200 Philosophy of Language (LA)

Investigation of philosophical questions concerning linguistic representation, particularly concerning the meanings of names, definite descriptions, and sentences, and how those linguistic expressions acquire their meanings. Further topics include whether metaphors have meaning, whether meaning is subjective or public, and whether representation is the only function of language. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)

3 Credits

PHIL 37500-37510 Selected Topics in Philosophy (LA)

Topics to be determined according to student and teacher interest, with primary focus on a problem or a person. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)

Attributes: HU
1-4 Credits

PHIL 38100 Nineteenth-Century Philosophy (LA)

Major philosophical movements in the 19th century. Emphasis is placed on selections from the works of Hegel, Mill, Marx, Kierkegaard, and Nietzsche. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)

Attributes: HU
3 Credits

PHIL 38200 Language, Mind, and Meaning: Themes in Twentieth Century Philosophy (LA)

Investigates the main trends and concerns of 20th century analytic philosophy. Readings will be from important works in logical positivism, the philosophy of the later Wittgenstein, and recent varieties of pragmatism and naturalism. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)

Attributes: HU
3 Credits

PHIL 38300 Tradition, Interpretation, and Authority: Themes in Twentieth Century Philosophy (LA)

Examines some of the key debates among the key figures in 20th century European philosophy concerned with the problems of intellectual and political authority, the effectiveness and limits of interpretation in preserving, re-directing, or subverting authority, as well as the historically formed nature of institutions and social practices charged with maintaining the integrity of responsible and authoritative intellectual discourse. Focuses particularly on the work of Derrida, Gadamer, and Habermas. Prerequisites: one 200-level course in philosophy, or permission of instructor. (IRR)

Attributes: GERM, HU
3 Credits

PHIL 38400 Existentialism (LA)

In-depth philosophical analysis of concepts such as authenticity, the meaning of life, freedom of choice, responsibility, and mortality in the works of 20th-century existentialist thinkers such as Heidegger, Sartre, and Camus, and their 19th-century precursors such as Nietzsche, Dostoevsky, and Kierkegaard. Prerequisites: At least one 20000-level PHIL course or permission of instructor. (IRR)

Attributes: GERM, HU
3 Credits

PHIL 39100-39101 Independent Study: Philosophy (LA)

Study or research project of the student's own devising. Minimal consultation with professor; final projects evaluated by professor. Offered on demand only. May be repeated for credit for different projects. Prerequisites: At least one 20000-level PHIL course and permission of instructor. (IRR)

Attributes: UND
1-4 Credits

PHIL 39300-39301 Tutorial in Philosophy (LA)

Work by student and teacher on a problem or project of interest to both. Prerequisites: At least one 20000-level PHIL course and permission of instructor. (IRR)

Attributes: UND
1-4 Credits

PHIL 41000 Philosophy Capstone Seminar (LA)

Serves as the capstone for philosophy majors and minors. Synthesizes students' experience in the program by having students apply the philosophical skills they have acquired in previous classes to a faculty-guided, largely independent research project on a prominent philosophical position, movement, or debate. Facilitates student reflection on achievements in both the major/minor and the Integrative Core Curriculum, and how these relate to personal intellectual formation while at Ithaca College. Prerequisites: WRTG 10600 or ICSM 108xx or ICSM 118xx; senior standing; restricted to philosophy majors, philosophy-religion majors, philosophy minors. (S,Y)

Attributes: CP, HU, WI
3 Credits

PHIL 49100-49101 Independent Study: Philosophy (LA)

Study or research project of the student's own devising. Minimal consultation with professor; final projects evaluated by professor. Offered on demand only. May be repeated for credit for different projects. Prerequisites: At least one 30000-level PHIL course and permission of instructor. (IRR)

Attributes: UND
1-4 Credits

PHIL 49300-49301 Tutorial in Philosophy (LA)

Work by student and teacher on a problem or project of interest to both.
Prerequisites: At least one 30000-level PHIL course and permission of instructor. (IRR)
Attributes: UND
1-4 Credits

PHIL 49500-49501 Philosophy Seminar (LA)

Small group study of a topic not otherwise offered in the curriculum or not offered at the same level. May be repeated for credit. Prerequisites: At least one 30000-level PHIL course and permission of instructor. (IRR)
Attributes: HU
1-4 Credits

Religious Studies (RLST)**RLST 10100 Religion Matters (LA)**

What is religion? Why is it important for understanding our rapidly changing world? This course investigates what religion is all about, drawing illustrations from various traditions around the globe. Students cultivate skills used in the academic study of religion, while exploring issues of belief, atheism, mysticism, morality, sex, and more. (F)
Attributes: HM, TIII
3 Credits

RLST 10300 Hebrew Scriptures (LA)

This course treats the books of the Bible critically as literature, as religious and moral texts, and as a source of sociological knowledge. It surveys the biblical literature, acquaints students with critical methods for the study of the Bible, situates the Bible within the literature and culture of the ancient Near East, and discusses the religion of ancient Israel. The course will deal with questions of history and archaeology and with questions of meaning: what the biblical text meant to its ancient readers and what meanings it has today. Cross-listed as JWST 10300. (F,Y)
Attributes: H, HM, INBG, TIDE, TMBS
3 Credits

RLST 10400 Introduction to the New Testament (LA)

A survey of the life and teaching of Jesus, and major themes in the Pauline Epistles and the Book of Revelation. (IRR)
Attributes: HM, INBG, TIDE, TIII
3 Credits

RLST 10500 Religion in Global Contexts (LA)

Introduces students to the academic study of religious traditions prevalent in the Americas, Africa, and Asia. Specific topics vary, but may include Native American shamanism, Islam in China, African witchcraft, the politics of Tibetan Buddhism, celebrity Hindu gurus, and Brazilian megachurches. The course considers what it means to label these phenomena 'religious' as well as how traditional religious practices have adapted to the challenges of a modern, globalized world. (F,Y)
Attributes: AN3, G, H, HM, INBG, NACI, NASE, TMBS
3 Credits

RLST 10600 A History of God (LA)

Explores historical developments and living practices within Jewish, Christian, and Muslim traditions as they encounter other peoples and traditions around the world. Engages with historical events, politics, and changing cultural contexts of the three traditions. Issues covered may include ways of thinking about God in monotheistic traditions; sacred texts and rituals; understandings of gender and sexuality; fundamentalism; science; and encounters with polytheistic, feminine, and/or pagan views of the divine. (S,Y)
Attributes: AN3, G, H, HM, INBG, TIDE, TMBS
3 Credits

RLST 15600 What Is Belief? (LA)

Designed to familiarize students with the field of Religious Studies, this course provides a rigorous but accessible introduction to the phenomenon of religious belief, a phenomenon that is currently debated by scholars of religion and is of significant interest to the wider public. We will consider the relationship between belief and knowledge, doubt, and practice; the possibility of multiple forms of religious belief; and the problem of belief's utility as a tool of comparative analysis. (F)
1 Credit

RLST 17500-17510 Selected Topics in Religion (LA)

Topics to be determined according to teacher and student interest. (IRR)
Attributes: HU
3 Credits

RLST 20100 Religion and Culture (LA)

Study of the mutual relations between religion and culture. The course explores the religious dimension of art, music, and other contemporary media, and considers the way religious symbols influence cultural and social movements. Students study both Western and non-Western examples, of the intersection between religion and culture in art, music, literature, ritual, film, and games. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (Y)
Attributes: AN3, HM, INBG, SCE, TIII
3 Credits

RLST 20200 Religion and Society (LA)

Studies the social dimensions of religion and religion's influence on societies, on matters ranging from economics to ultimate concern. Major themes include the political mobilization of religions in social change movements, the social patterning of religious ideas and their relations with other ideologies, and the issue of religion as a topic in critical social theory. Cross-cultural with varying historical examples. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (E)
Attributes: G, H, HM, INBG, TIDE
3 Credits

RLST 20300 Living Judaism (LA)

Introduces Judaism as a lived tradition, with a focus on ethical, ritual, and cultural practices and beliefs from a wide variety of Jewish communities. Readings include texts from the biblical, rabbinic, medieval, and modern periods. Theological and ethical issues addressed include God, good and evil, covenant, death and afterlife, justice, and social responsibility, as lived out through practices associated with birth and death; marriage and commitment; sexuality; and the life of study, prayer, and devotion. Course cross-listed with JWST 20300; students may not receive credit for both courses. Prerequisites: One three credit Liberal Arts course. (S,Y)
Attributes: G, HM, INBG, TIDE, TMBS
3 Credits

RLST 20400 Deconstructing Christianity (LA)

Explores some of the varieties of Christianity in its two thousand year history, with special attention to the women who have played a critical role in shaping its tradition. Surveys the features Christianity shares with other religious traditions, as well as how Christianity has been transformed in global contexts. Examines how Christianity has both defended the vulnerable (e.g., liberation theology) and harmed others (e.g., colonial missionary activity). Also considers the ways that Christianity figures into contemporary politics in America in volatile discussions about issues like abortion, race, gender and sexuality. No previous knowledge of Christianity necessary. Prerequisites: One three credit liberal arts course. (O)

Attributes: G, H, HU, INBG

3 Credits

RLST 20500 Engaging Islam (LA)

Introduces the origins and historical development of Islamic religious traditions, while exploring the wide spectrum of beliefs, practices, and interpretations of Muslims. Particular attention is given to historical and contemporary Muslim engagements with mysticism, empire, nationalism, race, and notions of sexuality and gender. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (F,Y)

Attributes: DV, G, H, HM, INBG, TIDE, TMBS

3 Credits

RLST 20700 Death, Dying, and Immortality (LA)

What is death? What, if anything, lies beyond it? This course investigates how different religious traditions from around the world imagine death, dying, and the afterlife. Topics may include reincarnation, end-of-life care, funerary rites, and suicide. Students are invited to explore their relationship with mortality in light of other traditions' perspectives.

Prerequisites: One three credit course in the liberal arts. (Y)

Attributes: 1, AN3, H, HM, HU, TMBS

3 Credits

RLST 21000 Religion, Race, and Social Justice (LA)

Explores the intersection of race and religion in the context of historical and contemporary movements in North America and globally. Challenges students to think about how religion is implicated in the construction of racial identities and theories, and how particular racialized communities utilize religion to resist racial oppression. Case studies may include religion and #BLM, Black Liberation Theology, the Nation of Islam, and Rastafarianism. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (O)

Attributes: DV, HM, TPJ

3 Credits

RLST 21100 Religion, Gender, and Sexuality (LA)

Where do attitudes about gender roles and sexual orientations come from? How do religious traditions reflect, reinforce, or subvert those attitudes? This course explores issues of gender and sexuality in the context of different religious traditions, past and present. Special attention is given to religion's role in current debates surrounding, for example, gender politics, sexual ethics, masculinity, feminist and queer theory, etc. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (O)

Attributes: WGSJ

3 Credits

RLST 22100 Religion and Depth Psychology (LA)

Studies Freudian, Jungian, humanistic, and transpersonal psychologies with respect to issues in religion including dream theory, the individuation process, psychological types, self-actualization, peak and plateau experiences, death, psychological aspects of worship, values, the psychology of meditation, and levels of consciousness. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (O)

Attributes: 1, HU

3 Credits

RLST 23500 The Nature of Nature (LA)

Investigates why different religious traditions view our planet so differently. To what extent do these traditions shape peoples' perceptions of and interactions with the natural environment? Also explores how religious communities around the globe are responding to deforestation, biodiversity loss, and climate change. Makes use of a wide range of materials, including religious texts, documentaries, ethnographic studies, and science fiction. Prerequisites: One three-credit course in the liberal arts. (E)

Attributes: ABSS, AN3, HM, TMBS, TQSF

3 Credits

RLST 24000 Writing about Religion: Heaven and Hell (LA)

An interdisciplinary introduction to how portrayals of heaven and hell have been transformed over time, with a focus on learning how to write about religion from a secularly minded but religiously-informed perspective. The course explores two thousand years of the history of heaven and hell with a focus on human meaning-making in religious practice, poetry, art, and digital media. Includes significant attention to the development of research and writing skills in the humanities.

Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)

Attributes: HU, WI

3 Credits

RLST 25200 Introduction to Mysticism (LA)

Focuses on mystical journeys and ecstatic experiences from around the world. Draws from a variety of disciplines to analyze mystical paths in different cultural contexts, including philosophy, anthropology, ethnobotany, neurophysiology, psychology, and religious studies. Topics include voices and visions, the use of psychotropic substances, bridal mysticism, meditation, and the occult. Prerequisites: One three credit course in the liberal arts. (E)

Attributes: HU

3 Credits

RLST 25500 Religions in America (LA)

A sociohistorical survey of the varieties of religions in North America, including Christianity, Judaism, Islam, new religious movements, and religions of various ethnic groups, such as Native American religions and African American religions. Emphasizes the role religion plays in the political and ethical spheres of American life. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (IRR)

Attributes: HU

3 Credits

RLST 27500-27510 Selected Topics in Religion (LA)

Topics to be determined according to teacher and student interest.

Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (IRR)

Attributes: HU

3 Credits

RLST 28100 Hindu Worlds (LA)

Introduces students to the richly diverse yet interrelated traditions of practice and thought that have contributed to what is today called "Hinduism". Emphasizes how these traditions have evolved from ancient times to the present, as well as the persistent tension between their textual and performative dimensions. Students examine Hindu religious literature and philosophy, temples and pilgrimage, iconography and mythology, in addition to issues pertaining to gender, colonialism, and the diaspora. Prerequisites: One liberal arts course in any of the following departments: ANTH, ARTH, CMST, CLTC, CSCR, ECON, EDUC, ENGL, GERO, HIST, JWST, LGST, PHIL, POLT, PSYC, RLST, SOCI, WGST, WRTG. (O)

Attributes: DV, G, HM, INBG, TMBS

3 Credits

RLST 28300 Seeking the Buddha (LA)

Engages the historical evolution and lived experience of Buddhist religious traditions by exploring how people have variously attempted to search for, discover, imagine, understand, become, and even kill the Buddha. Considers how the Buddha and his teachings have been interpreted through stories, philosophies, rituals, images, and objects across Asia and beyond. Special attention is paid to the transmission and modernization of Buddhist traditions in the contemporary western world.

Prerequisites: One three credit liberal arts course. (E)

Attributes: G, H, HU, INBG

3 Credits

RLST 30500 Comparative Study of Religions (LA)

Examines major issues in various religious traditions and applies typological and phenomenological analysis to common themes, such as the concept of god(s), the nature of man, the problem of evil, ways of salvation, patterns of rituals, and types of religious organization.

Prerequisites: one 200-level RLST course. (E)

Attributes: HU, INBG

3 Credits

RLST 31100 Philosophy of Religion (LA)

Study and discussion of a broad range of issues in the philosophy of religion, such as religious epistemology, the ontological argument, the cosmological argument, the teleological argument, religion and science, and the problem of evil. Primary source readings. Prerequisites: One 20000-level PHIL course. (IRR)

Attributes: HU

3 Credits

RLST 32300 Gender and Sexuality in Judaism (LA)

Exploration of what it means to be a Jewish man or woman. The course addresses how Jewish gender roles have changed throughout history, as well as how contemporary Jews deal with changes in women's roles and demands for gender equality. Topics covered include what is "gender" and how to study it; traditional roles of men and women in Judaism; the gendered Jewish body; family and sexuality; homosexuality; Jewish feminism; the gender of God; and changing women's religious roles.

Cross-listed with JWST 32300. (Y)

Attributes: 1, DV, HU

3 Credits

RLST 33300 Jewish Mysticism (LA)

This course traces the history of Jewish mysticism. After a brief overview of early Jewish mysticism from the biblical and rabbinic periods, students will concentrate on the medieval flowering of Kabbalah, and its further development in the 16th-century Kabbalah of Safed and Israel and 18th-century Eastern European Hasidism. The emphasis will be placed on understanding both the theoretical and experiential aspects of Jewish mysticism and on examining some of the key texts of Jewish mysticism. Cross-listed with JWST 33300. (Y)

Attributes: HU

3 Credits

RLST 35300 Twentieth-Century Mysticism (LA)

Study of the major trends in 20th-century mysticism through the writings of key mystics. Topics include earth and esoteric spiritualisms, the influence of Eastern spiritualisms on the West, and current Jewish, Christian, and Sufi ideas. The writings of Teilhard de Chardin, Thomas Merton, and Yogananda, as well as works from the Native American and Sufi traditions, are studied. Prerequisites: RLST 25200. (E)

Attributes: HU

3 Credits

RLST 35600 Religion and Literature (LA)

This course explores the ways in which religious ideas and practices appear in contemporary novels associated with various cultures and religious traditions. We consider how authors utilize religious themes to negotiate challenges and questions posed by modernity, as well as how they engage questions of religious identity through the medium of modern literary forms. We read these works against the background of contemporary changes in the relationship between the religious and the secular. Cross-listed with ENGL 35600; students may not receive credit for both. Prerequisites: One course in RLST or ENGL; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (IRR)

Attributes: WI

3 Credits

RLST 37500-37513 Selected Topics in Religion (LA)

Topics to be determined according to teacher and student interest.

Prerequisites: One 20000-level RLST course. (IRR)

Attributes: HU

3 Credits

RLST 37700 Women and Religion (LA)

A study of the emerging issues regarding women and religion, including the psychology of women's spiritual journey, the importance of the feminine or yin dimension of reality, the role of women in ancient and traditional religions, and new forms of feminine spirituality. Prerequisites: One 20000-level RLST course. (O)

Attributes: HU, WGS, WGS3

3 Credits

RLST 39100-39101 Independent Study: Religion (LA)

Study or research project(s) of the student's own devising carried out in consultation with faculty sponsor; final project(s) evaluated by faculty sponsor. Offered on demand. May be repeated for credit for different projects. Prerequisites: One 20000-level RLST course and permission of instructor. (IRR)

Attributes: UND

0.5-3 Credits

RLST 39300-39301 Tutorial in Religion (LA)

Work by student and teacher together on a problem or project of interest to both. May be repeated for credit. Prerequisites: One 20000-level RLST course and permission of instructor. (IRR)

Attributes: UND

1-4 Credits

RLST 39800 Internship: Religious Studies (NLA)

Enables students to participate in an internship opportunity with the collaboration of a faculty sponsor in Religious Studies. In addition to internship-based activities, assignments include related readings and a final paper. Completion of H&S dean's office internship form is required. Can be repeated to a maximum of Prerequisites: Three RLST courses; permission of instructor. (IRR)

0.5-3 Credits

RLST 41000 Religious Studies Capstone (LA)

Serves as the capstone for philosophy/religious studies majors and religious studies minors. Synthesizes the student's experience in the program by drawing on key themes, issues, and movements in contemporary, global religious practice at an advanced level. Facilitates student reflection on achievements in both the major/minor and the Integrative Core Curriculum, and how these relate to personal intellectual formation while at Ithaca College. Prerequisites: WRTG 10600 or ICSM 108xx or ICSM 118xx; at least three courses in religious studies with at least one course at the 300 or 400 level; senior standing. (S,Y)

Attributes: CP, HU, WI

3 Credits

RLST 49100-49101 Independent Study: Religion (LA)

Study or research project(s) of the student's own devising. Minimal consultation with professor; final project(s) evaluated by professor. Offered on demand only. May be repeated for credit for different projects. Prerequisites: One 30000-level RLST course and permission of instructor. (IRR)

Attributes: UND

1-4 Credits

RLST 49400 Tutorial: Religion (LA)

Work by student and teacher together on a problem or project of interest to both. May be repeated for credit. Prerequisites: Permission of instructor; one course in religion; two additional courses in the humanities and/or social sciences. depending on instructor and student interest. (IRR)

Attributes: UND

1-4 Credits

RLST 49600 Seminar: Religion (LA)

Small group study of a topic not offered otherwise in the curriculum or not offered at the same level. May be repeated for credit. Prerequisites: One course in religion; two courses in the humanities and/or social sciences; permission of instructor. (IRR)

Attributes: HU

3 Credits

Philosophy Major – B.A.

Summary

Code	Title	Credits
	Philosophy B.A. Major Requirements	36
	integrative Core Curriculum Requirements ¹	28-40

Electives	44-56
Total Credits	120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
PHIL 20300	Introduction to Logic ¹	3
or PHIL 32100	Intermediate Logic	
PHIL 41000	Philosophy Capstone Seminar	3
PHIL xxxxx	An additional 30 credits in philosophy with at least 12 credits taken at level 3 or 4	30
Total Credits		36

¹ *Because of the importance of logical analysis in philosophy, majors should try to complete the logic requirement by the end of the sophomore year.*

Religious Studies - B.A.

Summary

Code	Title	Credits
	Religious Studies B.A. Major Requirements	33
	Integrative Core Curriculum Requirements ¹	28-40
	Electives	47-59
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
Foundations		
RLST 10100	Religion Matters	3
RLST 20100	Religion and Culture	3
RLST 21000	Religion, Race, and Social Justice	3
or RLST 21100	Religion, Gender, and Sexuality	
Traditions		
Select two courses from the following, in consultation with a faculty adviser:		6
RLST 20300	Living Judaism	
RLST 20400	Deconstructing Christianity	
RLST 20500	Engaging Islam	
RLST 28100	Hindu Worlds	
RLST 28300	Seeking the Buddha	
Exploration and Analysis		
15 additional elective credits, to be fulfilled by courses that have an RLST prefix or by courses that have an RSEA attribute. These elective credits can include courses listed as Foundations or Traditions, but should not repeat courses already taken to satisfy those requirements. ¹		15
These elective credits must meet the following parameters:		

•no more than 6 Exploration and Analysis credits may be taken at the 100-level		
•at least 6 Exploration and Analysis credits must be taken at the 300-level or above		
•at least 6 Exploration and Analysis credits must have an RLST subject code prefix		
•no more than 3 Exploration and Analysis credits may be fulfilled by RLST 39100 Independent Study or RLST 39800 Internship		
Synthesis and Reflection		
RLST 41000	Religious Studies Capstone (typically taken during the senior year)	3
Total Credits		33

¹ Some courses with the RSEA attribute may have prerequisites that the student is responsible for meeting.

Jewish Studies Minor

Jewish studies approaches the history and culture of the Jewish people from a multicultural and interdisciplinary perspective. The goals of the Jewish studies minor are to foster greater knowledge about Jewish history, religion, and culture and to explore who Jews are in their geographic and cultural diversity, and how they have interacted with other peoples politically, economically, socially, ideologically, philosophically, and artistically. In order to understand Jewish history, it is necessary to investigate the economic, political, and social forces that have affected the lives of Jews in varied cultural settings for thousands of years. The study of Jewish cultures includes religious beliefs and practices, philosophy, literature, folklore, visual arts, music, and the media.

The Jewish studies minor is relevant for students going on to graduate study in any of a number of disciplines, with or without a Jewish studies focus. It is also important for students contemplating professional careers related to Jewish religion, education, or community service (e.g., as rabbis, cantors, Jewish educators, social workers, or administrators of Jewish community programs). More generally, it is a useful minor for a wide variety of students pursuing careers in which multicultural awareness is important.

Minor Requirements

Code	Title	Credits
CORE COURSES		
JWST 20100	Jews in the Ancient and Medieval Worlds	3
or JWST 20200 Jews in the Modern World		
Select one of the following:		3
JWST 10300	Hebrew Scriptures	
JWST 20300	Living Judaism	
ENGL 32400	Literature of the Bible	
ELECTIVES		
Select 12 credits of electives chosen from a list of courses maintained by the Coordinator of Jewish Studies and updated on the Jewish Studies website every semester. ¹		12
FOREIGN LANGUAGE REQUIREMENT		

Students in the minor must successfully complete one course (3 credits) in a language of Jewish civilization or scholarship, including but not limited to: Hebrew, Arabic, French, German, Italian, Spanish, Yiddish, or Judeo-Espanol, with a grade of at least a C-.	3
Total Credits	21

¹ No more than 3 credits of internship or independent study will count toward the electives for the Jewish studies minor.

Additional Requirements

1. No more than 6 credits from a student's major department or 3 credits from a student's second minor will count toward the Jewish studies minor.
2. At least 6 credits toward the minor must come from courses at level 3 or above.
3. At least 12 credits toward the minor must be taken at Ithaca College.

Philosophy Minor

Requirements

Code	Title	Credits
PHIL 20300	Introduction to Logic ¹	3
or PHIL 32100 Intermediate Logic		
PHIL 41000	Philosophy Capstone Seminar	3
PHIL xxxxx	An additional 12 credits in philosophy with at least 6 credits taken at level 3 or 4	12
Total Credits		18

¹ Because of the importance of logical analysis in philosophy, minors should try to complete the logic requirement by the end of the sophomore year.

Religious Studies Minor

Requirements

Code	Title	Credits
RLST 41000	Religious Studies Capstone	3
RLST xxxxx	An additional 15 credits in religion distributed over a minimum of five courses (at least two of which must be at level 3 or 4)	15
Total Credits		18

Department of Physics and Astronomy

Bachelor of Arts, Bachelor of Science

Beth Ellen Clark Joseph, Professor and Chairperson

The department of physics and astronomy offers a range of programs and courses designed to prepare students for a variety of career opportunities. With the supporting background of mathematics, computer science, chemistry, and biology, the curriculum provides the educational foundation necessary for continued study at the graduate level, technical employment, or certification in secondary school teaching of physics.

The department offers a physics-engineering 3-2 program and has programs leading to the bachelor of science degree in physics and the bachelor of arts in physics and mathematics-physics.

Physics-Engineering 3-2 Program

The department of physics and astronomy collaborates with Cornell University, Rensselaer Polytechnic Institute, the Rochester Institute of Technology, and other accredited engineering schools, and has a formal articulation agreement with the Thomas J. Watson School of Engineering, Applied Science, and Technology of Binghamton University. Through these partnerships the physics and astronomy department offers qualified students the opportunity to receive two bachelor's degrees, one from Ithaca College and one from the appropriate school of engineering, over the course of five years. Physics majors who are interested in this program complete all the requirements for a physics B.S. in three years, and apply to transfer to the appropriate engineering school for two more years to complete an engineering degree.

Students who wish to enter this joint program must take, in addition to the physics program requirements, certain basic courses stipulated by the engineering department of their choice. Careful planning is necessary to ensure the proper program articulation, and students must therefore obtain the approval of the department chairperson no later than the end of the fifth semester. To complete this program, the student takes an academic leave of absence for the senior year. Students will transfer 30 credits from the engineering school toward the Ithaca College degree. Transfer will be subject to both the department's recommendation and acceptance by the engineering school.

To graduate from the program, a student must fulfill the degree requirements of the engineering school. In the event a student does not complete the engineering school portion of the program, an Ithaca College degree in physics can be awarded if all the requirements for a department-approved physics program have been met. Courses taken at the engineering school can be used toward fulfillment of the requirement upon approval of the department.

Requirements for Honors in Physics and Astronomy

Students are awarded honors in physics on the basis of excellence in the three areas of academics, scholarly achievement, and service to the community. The department will invite meritorious seniors to apply for honors in November of their year of graduation. To be considered for honors, a student must submit an application that demonstrates that the student has achieved academic excellence, has been actively engaged in and contributed to original scholarly work which extended the bounds of human knowledge of physics or a related field, and has contributed physics-related service to the school, college, or wider community. The application will consist of a current resume and a 2-page statement addressing the previous three items and is due by November 15. The final decision to award honors is made by a vote of the full-time physics faculty.

Academic excellence will include a minimum 3.5 GPA in courses required for the physics degree program (inclusive of midterm grades in the semester in which the application is submitted), and may consist of items such as (but not limited to) breadth and depth of knowledge in the student's degree program. Scholarship may consist of activities such as (but not limited to) active involvement in research over many semesters or summers, presentation of their research to an external audience, and authorship on a manuscript. Service may consist of activities such as (but not limited to) teaching assistantships, physics

outreach presentations, peer mentoring and tutoring, student leadership, and any other relevant participation in projects serving the public interest.

Majors & Minors

- Applied Physics Major — B.S. (p. 511)
- Physics Major — B.S. (p. 512)
- Mathematics-Physics Major — B.A. (p. 513)
- Physics Major — B.A. with Teaching Option (p. 513)
- Physics Minor (p. 514)

ASTR 17400 Solar System Astronomy (LA)

Survey of the solar system from the earliest conceptions of motions in the sky to modern findings of space exploration in the solar system. Emphasis is placed on physical processes and dynamics of the moon, earth, planets, comets, meteoric matter, and asteroids. Astronomical instruments and measurements. Prerequisites: Math placement score 3 or 2 or 1 or completion of MATH 10000 (with a C- or better). (Y) Attributes: SC, TIII, TWOS
3 Credits

ASTR 17500 Stars, Galaxies and the Universe (LA)

Survey of the universe lying beyond the solar system; introduction to characteristics and motions of stars; stellar structure and evolution; interstellar matter; star clusters, the sun, galaxies; introduction to cosmology; the question of life in the universe; astronomical instruments and measurements. Prerequisites: Math placement score 3 or 2 or 1 or completion of MATH 10000 (with a C- or better). (Y) Attributes: SC, TIDE, TIII
3 Credits

ASTR 17800 Astronomy Laboratory (LA)

Activities include both outdoor observing sessions and indoor lab exercises. Outdoor sessions emphasize learning the night sky and hands-on use of telescopes. Indoor laboratories emphasize data analysis through the use of celestial globes, spectroscopes, computer simulation, and image processing. Prerequisites: ASTR 17400 or ASTR 17500 (either may be taken concurrently). (IRR)
1 Credit

ASTR 37200 Astrophysics (LA)

Calculus-based introduction to the thermal, electromagnetic, and quantum mechanical properties of celestial objects. Topics include celestial mechanics, interactions of radiation with matter, thermal radiation, formation of spectral lines, and structure, formation and evolution of stars and galaxies. Prerequisite: PHYS 21800. (S,O)
3 Credits

PHYS 10100 Introduction to Physics I (LA)

Principles and concepts of classical physics (algebra-based). Mechanics, including rotational motion and energy and momentum conservation, properties of matter. Three lectures and one recitation/laboratory per week or three two-hour lecture/recitation/laboratory sessions per week. Prerequisites: Math placement score 2 or 1 or completion of MATH 10400, MATH 10800, or MATH 11000 (with a C- or better). (FY) Attributes: 2A, NS
4 Credits

PHYS 10200 Introduction to Physics II (LA)

A continuation from PHYS 10100 of the principles and concepts of classical physics (algebra-based). Standing waves and sound, physical and geometrical optics, electrostatics, magnetism, DC circuits, fluids, heat, and thermodynamics. Three lectures and one recitation/laboratory per week or three two-hour lecture/recitation/laboratory sessions per week. Prerequisite: PHYS 10100. (S,Y)

Attributes: ABSS
4 Credits

PHYS 10400 Physics of Human Movement (LA)

Introductory course in Newtonian mechanics (algebra-based) applied to movement of and within the human body. Covers fundamental principles and concepts of physics including: projectile motion, rotational motion, torque, and energy and momentum conservation. Prerequisite: Math placement in group 2 or 1 or MATH 11000. (FY)

Attributes: 2A, SC, TIII
3 Credits

PHYS 11001 Mathematical and Computational Skills for Physics (LA)

Bridges mathematics and computational skills to physical applications and prepares students for future study in Physics and Astronomy.

The aim of this course is to develop tools for quantitatively analyzing problems common to courses in the Physics and Astronomy majors.

Prerequisites: Math placement group 1 or 1*. (F,Y)

1 Credit

PHYS 11400 Professional Physics and Astronomy Seminar I (NLA)

Introduction to the physics program for all beginning physics majors or those considering the major. Discussions about career opportunities, the various physics degree paths, and strategies for being a successful and engaged physics major. Participation in the physics department seminar required. Pass/Fail only. (F,Y)

1 Credit

PHYS 11700 Principles of Physics I: Mechanics (LA)

Intended as the first semester of calculus-based college physics for students majoring in science or mathematics. Topics include vectors, kinematics in one and two dimensions, dynamics, work, energy, momentum, rotational motion. Emphasis is placed on the mathematical analysis of concepts. Three two-hour lecture/recitation/laboratory sessions per week. Prerequisites: MATH 11100 (may be taken concurrently). (FY)

Attributes: 2A, NS
4 Credits

PHYS 11800 Principles of Physics II: Electricity and Magnetism (LA)

Intended as the second semester of calculus-based college physics for students majoring in science or mathematics. Topics include static electric fields and Coulomb's law, Gauss's law, electric potential, capacitors, Ohm's law, the magnetic field and Ampere's law, induction and Faraday's law, and elementary circuit theory. Emphasis is placed on mathematical analysis. Three two-hour lecture/recitation/laboratory sessions per week. Prerequisites: PHYS 11700; MATH 11200 (may be taken concurrently). (S,Y)

Attributes: 2A, NS
4 Credits

PHYS 12000 Introductory Applied Physics Laboratory (LA)

A laboratory course designed to develop experimental skills. Focus is on the use of modern electronics and computers to measure and analyze data. Students construct analog and digital circuits and then use them to carry out experiments illustrating physical principles from mechanics and electricity and magnetism. Prerequisite: PHYS 11700. (S,Y)

Attributes: NS, QL
3 Credits

PHYS 14300 Power: Energy Options for a Global Society (LA)

Survey of energy. Topics include energy technologies and energy resources (fossil fuels, nuclear, solar, wind, geothermal, biomass). Students are introduced to electricity, heat production and transfer, heat engines, energy efficiency, and sustainable energy systems. Energy use sectors such as residential, commercial, and transportation are examined. The course begins with a look at energy use in the home and gradually expands to complex subjects such as the electrical grid, national energy policy, deregulation, and international fusion research. The emphasis is on energy literacy and the goal is to provide students with the basic technical principles necessary to design energy projects of their own and to evaluate their costs and benefits. (S,E)

Attributes: 2A, NS
3 Credits

PHYS 16000 Physics of Sound (LA)

Physical basis of sound, with an emphasis placed on musical instruments, the human voice, and sound recording and reproduction. Physics concepts are introduced and developed as needed to understand these areas. Open to all students. Prerequisites: Math placement score 2 or 1 or completion of MATH 10400, MATH 10800, or MATH 11000 (with a C- or better). (Y)

Attributes: 2A, NS
3 Credits

PHYS 17100 Earth: Evolution of a Habitable World (LA)

Formation and evolution of planet Earth from the astronomer's perspective: creation of elements, the first rocks, development of oceans, the first atmosphere, formation of the moon, records of climate history, and how life on Earth fits into the context of life in the universe. Examination of Venus and Mars as possible analogs for Earth's evolution (past and future). Other topics include the influence of the sun on Earth's climate, the greenhouse effect, the geologic record of the development of continents, and the asteroid and comet impact hazard. Emphasis is placed on our sources of knowledge, the errors of our measurements, and the attendant model uncertainties in predicting Earth's future. Students may not receive credit for both PHYS 17100 and PHYS 17200. Prerequisites: Math placement score 3 or 2 or 1 or completion of MATH 10000 (with a C- or better). (S,Y)

Attributes: 2A, NS
3 Credits

PHYS 17200 Earth: Evolution of a Habitable World with Lab (LA)

Formation and evolution of planet Earth from the astronomer's perspective: creation of elements, the first rocks, development of oceans, the first atmosphere, formation of the moon, records of climate history, and how life on Earth fits into the context of life in the universe. Examination of Venus and Mars as possible analogs for Earth's evolution (past and future). Other topics include the influence of the sun on Earth's climate, the greenhouse effect, the geologic record of the development of continents, and the asteroid and comet impact hazard. Emphasis is placed on our sources of knowledge, the errors of our measurements, and the attendant model uncertainties in predicting Earth's future. Students enrolled in this course attend the lecture of PHYS 17100, but also meet for an additional weekly lab. Students may not receive credit for both PHYS 17100 and PHYS 17200. Prerequisites: Math placement in group 3 or 2 or 1 or completion of MATH 10000 (with a C- or better). (S,Y)

Attributes: 2A, NS

4 Credits

PHYS 21400 Professional Physics and Astronomy Seminar II (NLA)

Continuation of professional preparation for careers in physics and astronomy. Covers introduction to effective communication skills, effective teamwork strategies, and includes tutorials in software commonly used in physics careers. Students will also engage in a series of discussions about undergraduate research, summer opportunities for research and internships, and careers in physics, and will draft resumes and cover letters. (F,Y)

1 Credit

PHYS 21700 Principles of Physics III: Waves, Optics and Thermodynamics (LA)

The third semester of the introductory sequence for science majors. Topics include the first and second laws of thermodynamics, Maxwell distribution, entropy, geometrical optics, interference, diffraction (single and double slits and gratings), optical spectra, and polarization. Prerequisites: PHYS 11800; MATH 11200. (F,Y)

Attributes: NS

4 Credits

PHYS 21800 Principles of Physics IV: Modern Physics (LA)

A course aimed at giving students a working knowledge of the concepts of modern physics. Topics include the theory of relativity, interaction of photons with matter, quantum theory, the hydrogen atom, statistical and solid state physics, nuclear physics, and elementary particles.

Prerequisites: PHYS 21700. (S,Y)

Attributes: ENRE, NS

4 Credits

PHYS 22500 DC and AC Circuits (LA)

Experiments on DC and AC circuits, with emphasis placed both on test instruments and accurate measurements, and on mathematical analysis and theory (including the use of complex numbers for AC theory). Circuits include steady state and transient RC and RL, and series and parallel RLC. Prerequisites: PHYS 11800; PHYS 12000. (F,Y)

Attributes: ENRE, NS

3 Credits

PHYS 24300 Sustainable Energy: Powering the World (LA)

Survey of energy. Topics include solar, wind, geothermal, electricity, fossil fuels, heat transfer, and the economic and environmental opportunities created by energy efficiency and sustainable energy systems. The course culminates with a final Energy Design Project. Cross-listed as ENVS 24300. Students may not earn credit for both ENVS 24300 and PHYS 24300. Prerequisite: Math placement score 2 or 1 or completion of MATH 10400, MATH 10800, or MATH 11000 (with a C- or better). (S,Y)

Attributes: NS, QL, SC, TQSF

4 Credits

PHYS 28000 Learning Assistant Practicum in Physics (NLA)

This course prepares our undergraduate Learning Assistants with the foundations of pedagogy necessary to assist our introductory physics students with their coursework. Additionally, this course provides procedural support for the Learning Assistants by strengthening students' pedagogical content knowledge. Prerequisites: B or higher in PHYS 10100, PHYS 10200, PHYS 10400, PHYS 11700, PHYS 11800, PHYS 16000, ASTR 17400, or ASTR 17500. (F,S)

1 Credit

PHYS 29400 Introductory Independent Study: Physics (LA)

One-semester course in which a student may pursue a topic of interest in physics. Offered on demand only. May be repeated up to a total of six credits. Prerequisites: Sophomore standing or above; permission of instructor.

0.5-3 Credits

PHYS 29900-29910 Introductory Physics Research (LA)

Original research participation with a faculty member in a specialized field. Prerequisites: Sophomore standing or above; permission of instructor. Six credit limit. (F-S,Y)

0.5-3 Credits

PHYS 30100 Mathematical Methods of Physics (LA)

Algebra of complex numbers and complex functions, vector calculus, introduction to linear algebra, ordinary differential equations, Fourier and Legendre series, and partial differential equations with applications to selected physics topics. There will be several exercises using computer analysis. Prerequisites: COMP 17100; MATH 21100; PHYS 21800. (F,Y)

Attributes: NS

3 Credits

PHYS 30500 Electromagnetism (LA)

An intermediate course in electricity and magnetism that builds on the foundation received in PHYS 11800. Topics include electric and magnetic fields, Gauss's law, electric potential, circuits, Ampere's law, Faraday's law, and Maxwell's equations. There will be several exercises using computer analysis. It is highly recommended that MATH 21200 Calculus IV be taken prior to this course. Prerequisites: COMP 17100; MATH 21100; PHYS 21700. (F,Y)

Attributes: NS

3 Credits

PHYS 31100 Classical Mechanics (LA)

Intermediate mechanics, including statics and dynamics of particles and rigid bodies, central forces, planetary motion, and Lagrange's equations. Extensive computer analysis. Culminates in a computational simulation of a physical system based on the equations of motion. Prerequisites: Either PHYS 30100 or the combination of PHYS 21800, MATH 21400, and MATH 23100. (S,Y)

Attributes: NS

3 Credits

PHYS 31400 Professional Physics and Astronomy Seminar III (NLA)

Continuation of professional preparation for careers in physics and astronomy. Students will practice both written and oral communication skills and model effective teamwork strategies. Students will also engage in a series of discussions about careers in physics, and how to maximize opportunities in the junior and senior years to be competitive in the job market. Prerequisites: PHYS 21400. (F,Y)

1 Credit

PHYS 32000 Thermodynamics (LA)

Topics include laws of thermodynamics with applications, thermodynamic functions and potentials, kinetic theory, real and idealized systems, and intermolecular processes. Prerequisites: PHYS 21700. (S,Y)

Attributes: NS

3 Credits

PHYS 32600 Analog Electronics (LA)

A laboratory course on electronics covering the origination, amplification, processing, and digital conversion of analog signals. Experiments involve bipolar transistors, operational amplifiers, active and passive filters, oscillators, and analog-to-digital and digital-to-analog converters. Emphasis is placed on the basic theory underlying the circuits and devices and on general lab techniques. Prerequisites: PHYS 22500. (S,E)

Attributes: ENRE, NS

3 Credits

PHYS 34000 Linking Science Learning to Science Teaching (LA)

This course reviews the science education literature and discusses successful approaches to helping K12 and college students learn science. The course provides an opportunity for students thinking about careers in teaching science, or serving as a science teaching assistant in graduate school, to consider research-based best practices for helping students learn science. Prerequisite: QL designated course; Junior standing or above. (F,Y)

Attributes: NS

1 Credit

PHYS 36000 Advanced Physics Laboratory (LA)

An advanced laboratory course in which students are expected to conduct four or five investigations in areas such as mechanics, optics, thermodynamics, and electricity and magnetism. Emphasis is placed on the development of good laboratory techniques and data-taking procedures. Students are expected to become familiar with modern developments in instrumentation, formal report writing (in LaTeX), and the statistical basis for data and uncertainty analysis. Includes both independent work and work in teams. Prerequisites: COMP 17100; PHYS 21800; PHYS 22500; PHYS 31400 (may be taken concurrently). (S,Y)

Attributes: ENRE, NS

3 Credits

PHYS 36100 Applied Physics Design Laboratory (LA)

An advanced laboratory course in which students will learn how to apply the engineering design process to identify a design need, consider the associated requirements and constraints of the project, brainstorm design solutions, analyze the proposed solutions to identify the strongest option, build a prototype, and iterate through stages of testing and improvement until a viable end product is produced. Students work as part of a design team with individual responsibilities and will practice presenting their design through "pitches" and customer presentations. All students will complete post-design reflections. Prerequisite: COMP 17100; PHYS 21800; PHYS 22500; PHYS 31400. (F,Y)

3 Credits

PHYS 39400 Intermediate Independent Study: Physics (LA)

One-semester course in which a student may pursue a topic of interest in physics. Offered on demand only. May be repeated for a total of six credits. Prerequisites: PHYS 21800; Junior standing or above; permission of instructor. (IRR)

0.5-3 Credits

PHYS 39800 Senior Thesis Proposal (LA)

Provides opportunity for physics majors to prepare a written proposal in preparation for senior thesis research. Emphasis placed on describing the problem, methodology, equipment, and data analysis needed to successfully complete the research project. Completed proposals are submitted to each student's research advisor for review and approval.

Corequisites: PHYS 49900. (S,Y)

Attributes: NS

1 Credit

PHYS 39900-39910 Intermediate Physics Research (LA)

Original research participation with a faculty member in a specialized field. Intended for students with prior experience from PHYS 29900-29910. Prerequisites: Permission of instructor. Six credit limit. (F-S,Y)

0.5-3 Credits

PHYS 41400 Professional Physics and Astronomy Seminar Capstone (LA)

Provides opportunities for students to explore connections between the integrative core curriculum, the physics major, other learning experiences while at Ithaca College or abroad, and future goals. Students will develop a written reflection and engage in career preparation activities.

Prerequisite: Physics majors; senior standing. (F,Y)

Attributes: CP, NS

1 Credit

PHYS 42100 Quantum Mechanics (LA)

Emphasis is placed on understanding the nature of quantum theory and how it differs from classical ideas. Topics include the uncertainty principle, the Schrödinger equation and solutions to various potentials, angular momentum, and the one-electron atom. Prerequisites: Either PHYS 30100 or a combination of PHYS 21800, MATH 21400, and MATH 23100. (F,Y)

Attributes: NS

3 Credits

PHYS 44000 Inquiry and the Nature of Science for the Science Teacher (LA)

Considers issues pertaining to the nature and practice of science, especially as they relate to science education. Explores aspects that distinguish scientific inquiry from other forms of inquiry. Examines safety issues of teaching science in a classroom, and teaching science in the context of the community. Cross-listed with CHEM 44000 and PHYS 44000. Students can receive credit for only one of: BIOL 44000, PHYS 44000, CHEM 44000. Prerequisites: EDUC 34000 and junior standing. (IRR)

Attributes: NS

3 Credits

PHYS 45500 Electrodynamics (LA)

Building on the foundation gained in PHYS 30500, this course completes the mathematical treatment of electromagnetic fields, including: electric and magnetic fields in matter, energy and momentum of EM fields, EM waves, EM potential theory, EM radiation, and special relativity.

Prerequisites: PHYS 30500. (IRR)

Attributes: NS

3 Credits

PHYS 47000-47001 Selected Topics in Advanced Physics (LA)

An advanced course in which students apply their physics skills to advanced topics. Current topics will be chosen based on faculty and student interests and may include environmental science, geophysics, and physics topics such as atomic, condensed matter, nuclear, and optical physics. This course may be repeated for credit for selected topics on different subjects. Prerequisites: PHYS 21800. (Y)

Attributes: NS

1.5-3 Credits

PHYS 48900 Review of Undergraduate Physics (LA)

Review of all the major topics in the physics curriculum, both at the introductory and advanced level. Instruction and practice in taking standardized multiple choice exams, including the Physics GRE. Course culminates in a comprehensive examination. Prerequisites: PHYS 21800; senior standing; Physics majors only. (S,Y)

1 Credit

PHYS 49300 Senior Project Proposal (LA)

First half of the capstone experience in which students design, conduct, and report on a senior project. The final project can be a research paper, theory project, computational project, engineering project, or experimental project. Emphasis placed on independent work. Culminates in a formal written proposal. Prerequisites: PHYS 36000 or PHYS 32600 (may be taken concurrently); WRTG 10600 or equivalent; open only to physics majors. (F,Y)

Attributes: WI

1 Credit

PHYS 49301 Senior Design Team I (LA)

First half of the capstone experience in which students create and begin to implement a solution to a design challenge. Students will pitch a design solution (both orally and in writing) then work in teams to further develop and begin implementing their proposed solution. Students will learn about project management and resources available to organize tasks. Progress reports will provide students with opportunity for reflection and writing practice. The course will culminate in a team demonstration of the in-process design prototype. Prerequisites: PHYS 31400; PHYS 36100. (F,Y)

2 Credits

PHYS 49500 Senior Project (LA)

Second half of the capstone experience in which students complete a senior project, culminating in a formal written project report. Emphasis placed on independent work. Prerequisite: PHYS 49300; WRTG 10600 or equivalent; open only to physics majors. (S,Y)

Attributes: NS, WI

2 Credits

PHYS 49501 Senior Design Team II (LA)

Second half of the capstone experience in which students complete and present their solution to a design challenge. Students will reinforce project management, communication, and teamwork skills. Progress reports will provide students with opportunities for reflection and writing practice. Students will complete a design report describing their iterative design process and ultimate solution to their design challenge. The course will culminate in a team demonstration of the final design solution. Prerequisites: PHYS 49301. (S,Y)

2 Credits

PHYS 49600 Internship in Physics (NLA)

Designed to offer applications of physics concepts in a setting appropriate to students' interest and training. Internships are arranged individually at the student's request with an instructor and a sponsoring agency and with departmental approval. Students must follow the guidelines of the School of Humanities and Sciences and complete the H&S internship application. Prerequisites: Permission of instructor. 1- (IRR)

1-12 Credits

PHYS 49700 Senior Thesis I (LA)

Capstone experience in which seniors prepare, summarize, present and defend their own basic or applied research in physics in a formal written thesis. Emphasis on development of the first draft of the senior thesis. Prerequisite: WRTG 10600 or ICSM 108xx or ICSM 118xx; PHYS 39800, concurrent enrollment in PHYS 49900-PHYS 49910; open only to physics majors. (F,Y)

Attributes: NS, WI

1 Credit

PHYS 49800 Senior Thesis II (LA)

Capstone experience in which seniors prepare, summarize, and present, their own basic or applied research in physics in a formal written thesis. Completion of final draft of the senior thesis, and presentation of thesis research required. Corequisites: PHYS 49900. Prerequisites: PHYS 49700. (S,Y)

Attributes: NS, WI

1 Credit

PHYS 49900-49910 Advanced Physics Research (LA)

Original research participation with a faculty member in a specialized field. Intended for students with prior experience from PHYS 39900-39910. Prerequisites: Permission of instructor. Six credit limit. (F-S,Y)

0.5-3 Credits

Applied Physics Major – B.S.

Summary

Code	Title	Credits
	Applied Physics B.S. Major Requirements	75
	Integrative Core Curriculum Requirements ¹	29-41
	Electives	4-16
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
CORE COURSES IN APPLIED PHYSICS		
PHYS 11001	Mathematical and Computational Skills for Physics	1
PHYS 11700	Principles of Physics I: Mechanics	4
PHYS 11800	Principles of Physics II: Electricity and Magnetism	4
PHYS 12000	Introductory Applied Physics Laboratory	3
PHYS 21400	Professional Physics and Astronomy Seminar II	1

PHYS 21700	Principles of Physics III: Waves, Optics and Thermodynamics	4
PHYS 21800	Principles of Physics IV: Modern Physics	4
PHYS 22500	DC and AC Circuits	3
PHYS 31400	Professional Physics and Astronomy Seminar III	1
PHYS 36100	Applied Physics Design Laboratory	3

ADVANCED COURSEWORK AND APPLIED FIELD

Advanced coursework in physics and applied field tailored to the students' professional interests. The coursework must be carefully planned with the student's adviser before the end of the student's fourth semester.

Select two of the following:	6
PHYS 30500	Electromagnetism
PHYS 31100	Classical Mechanics
PHYS 32000	Thermodynamics
PHYS 42100	Quantum Mechanics

Additional course(s) in physics or astronomy: three credits in physics or astronomy at the 300-level or above	3
Coursework in applied field: 12 credits in a single subject code (excluding PHYS or ASTR) ¹	12

PHYSICS CAPSTONE

PHYS 49301	Senior Design Team I	2
PHYS 49501	Senior Design Team II	2

COMPUTATIONAL AND MATHEMATICAL SKILLS

MATH 11100	Calculus I	4
MATH 11200	Calculus II	4
MATH 21100	Calculus III	4
COMP 17100	Principles of Computing Science I	4

Select one of the following mathematical skill development courses (some courses may have prerequisites):

PHYS 30100	Mathematical Methods of Physics
MATH 21200	Calculus IV
MATH 21400	Differential Equations
MATH 21600	Statistical Analysis
MATH 22000	Mathematics for Childhood Education
MATH 23100	Linear Algebra
MATH 24600	Intermediate Statistics
MATH 31600	Probability

PROFESSIONAL DEVELOPMENT **3**

Select one course from the following list:

CMST 11500	Business & Professional Comm
CMST 14000	Small Group Communication
GBUS 20300	Legal Environment of Business I
MGMT 11100	Introduction to Business
MGMT 20600	Organizational Behavior and Management
MGMT 21400	Startup Tactics: From Accounting to Zoning, Tactical Considerations When Starting a New Company
STCM 10300	Introduction to Strategic Communication

STCM 10800	Communication in Organizations
STCM 11100	Presentation & Graphic Design
WRTG 21100	Writing for the Workplace
WRTG 21300	Technical Writing
WRTG 31400	Science Writing

Total Credits **75**

¹ *Applied Field may be any field of interest. Common fields include: secondary education, premedical training or biology, electronics, chemistry, materials science, environmental science, computer science, art, or music.*

Physics Major – B.S.

The B.S. in physics provides a rigorous course of study in physics for the student as a preparation for graduate study or highly technical jobs in industry.

Summary

Code	Title	Credits
	Physics B.S. Major Requirements	65
	Integrative Core Curriculum Requirements ¹	29-41
	Electives	14-26
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
CORE COURSES IN THE DEPARTMENT		
PHYS 11001	Mathematical and Computational Skills for Physics	1
PHYS 11700	Principles of Physics I: Mechanics	4
PHYS 11800	Principles of Physics II: Electricity and Magnetism	4
PHYS 12000	Introductory Applied Physics Laboratory	3
PHYS 21400	Professional Physics and Astronomy Seminar II	1
PHYS 21700	Principles of Physics III: Waves, Optics and Thermodynamics	4
PHYS 21800	Principles of Physics IV: Modern Physics	4
PHYS 22500	DC and AC Circuits	3
PHYS 30100	Mathematical Methods of Physics	3
PHYS 31400	Professional Physics and Astronomy Seminar III	1
PHYS 36000	Advanced Physics Laboratory	3
PHYS 299XX, 399XX, or 499XX	Introductory, Intermediate, or Advanced Physics Research	1.5

ADVANCED COURSEWORK

Advanced coursework tailored to the students' professional interests. The coursework must be carefully planned with the student's adviser before the end of the student's fourth semester.

Select two of the following: **6**

PHYS 30500	Electromagnetism	
PHYS 31100	Classical Mechanics	
PHYS 32000	Thermodynamics	
PHYS 42100	Quantum Mechanics	
Advanced courses in physics or astronomy: Six credits in physics or astronomy at the 300-level or above		6
PHYSICS CAPSTONE		
PHYS 39800	Senior Thesis Proposal	1
PHYS 49700	Senior Thesis I	1
PHYS 499XX	Advanced Physics Research	1.5
PHYS 49800	Senior Thesis II	1
COMPUTATIONAL AND MATHEMATICS SKILLS		
COMP 17100	Principles of Computing Science I	4
MATH 11100	Calculus I	4
MATH 11200	Calculus II	4
MATH 21100	Calculus III	4
Total Credits		65

Mathematics-Physics Major – B.A.

The mathematics-physics major provides an option for students who want to concentrate on both areas equally rather than majoring in one or the other. The student can move easily to either mathematics or physics at any time up to the middle of the junior year.

Policy on prerequisites: A grade of C- or better is required for a course in mathematics to fulfill a prerequisite for another mathematics course. A student must receive the permission of the mathematics department to take a mathematics course that is a prerequisite for a mathematics course for which he or she has previously received credit.

Summary

Code	Title	Credits
Mathematics-Physics B.A. Major Requirements		66-68.5
Integrative Core Curriculum Requirements ¹		29-41
Electives		10.5-25
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

An overall average of C (2.00) or above is required in mathematics and physics courses being used to fulfill the minimum course requirements for the major.

Code	Title	Credits
REQUIRED MATHEMATICS COURSES		
MATH 11100	Calculus I	4
MATH 11200	Calculus II	4
MATH 19100	World of Mathematics	1
MATH 21100	Calculus III	4
MATH 21200	Calculus IV	3
MATH 21400	Differential Equations	3
	or MATH 21600Statistical Analysis	
MATH 23100	Linear Algebra	3

MATH 27000	Mathematical Reasoning with Discrete Mathematics	3
MATH 30300	Abstract Algebra	4
	or MATH 30500Introduction to Analysis	
MATH xxxxx	One course at level 3 or above (excluding MATH 39100)	3-4

REQUIRED PHYSICS COURSES		
PHYS 11700	Principles of Physics I: Mechanics	4
PHYS 11800	Principles of Physics II: Electricity and Magnetism	4
PHYS 12000	Introductory Applied Physics Laboratory	3
PHYS 21700	Principles of Physics III: Waves, Optics and Thermodynamics	4
PHYS 21800	Principles of Physics IV: Modern Physics	4
PHYS 22500	DC and AC Circuits	3
PHYS 30100	Mathematical Methods of Physics	3
PHYS 30500	Electromagnetism	3
PHYS 31100	Classical Mechanics	3

CAPSTONE		
Select one of the following options:		3-4.5
OPTION 1		
MATH 49800	Capstone in Mathematics I	
MATH 49900	Capstone in Mathematics II	
OPTION 2		
PHYS 39800	Senior Thesis Proposal	
PHYS 49700	Senior Thesis I	
PHYS 49800	Senior Thesis II	
PHYS 499xx	Advanced Physics Research	

Total Credits	66-68.5
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Physics Major – B.A. with Teaching Option

No additional students are being admitted to this program as of Fall 2021.

This program prepares students for initial New York State certification to teach at the secondary school (7-12) level.

Summary

Code	Title	Credits
Physics and Science Content Area Requirements		60
Core Education Requirements		41-47
Integrative Core Curriculum Requirements ¹		17-29
Electives		2
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
CORE PHYSICS COURSES		
PHYS 11700	Principles of Physics I: Mechanics	4
PHYS 11800	Principles of Physics II: Electricity and Magnetism	4
PHYS 12000	Introductory Applied Physics Laboratory	3
ASTR 17500	Stars, Galaxies and the Universe	3
PHYS 21700	Principles of Physics III: Waves, Optics and Thermodynamics	4
PHYS 21800	Principles of Physics IV: Modern Physics	4
PHYS 22500	DC and AC Circuits	3
PHYS 36000	Advanced Physics Laboratory	3
PHYS 44000	Inquiry and the Nature of Science for the Science Teacher	3
Select two courses from the following (some courses may have additional prerequisites):		6
PHYS 30500	Electromagnetism	
PHYS 31100	Classical Mechanics	
PHYS 32000	Thermodynamics	
PHYS 42100	Quantum Mechanics	
ADDITIONAL REQUIREMENTS OUTSIDE THE DEPARTMENT		
BIOL 11500	Essentials of Biology	3
CHEM 11000	General Chemistry	3
COMP 17100	Principles of Computing Science I	4
EDUC 34100	Science, Technology, and Society	1
MATH 11100	Calculus I	4
MATH 11200	Calculus II	4
MATH 21100	Calculus III	4
CORE EDUCATION REQUIREMENTS		
EDUC 10200	Reading Foundations	2
EDUC 20100	Technology for the Middle/Secondary School Teacher	2
EDUC 20200	Literacy Across the Disciplines for Middle and Secondary Education	2
EDUC 21010	Educational Psychology	3
EDUC 21800	Introduction to Pedagogy and Practice	3
EDUC 21910	Early Field Experience: Theory and Practice	3
EDUC 22900	Second Language Acquisition: Its Nature and Meaning for Educators	2
EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education	3
EDUC 40800	Professional Development Seminar	0
EDUC 41010	Pedagogy and Practice for the Science Teacher	3
EDUC 41210	Seminar in Reflective Practice	3
EDUC 49810	Professional Semester in Education	12

EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
Foreign Language proficiency		0-6
Total Credits		101-107

Additional Requirements

1. All teaching-option students must successfully complete a year of college-level study in a language other than English or demonstrate equivalent proficiency.
2. All teaching-option students must successfully complete writing course WRTG 10600 or above.
3. All teaching-option students must maintain a minimum overall G.P.A. of 3.0 as well as a G.P.A. of 3.0 in their subject area coursework.
4. Students must earn a grade of B or better in all EDUC courses in Education Core to qualify for student teaching. A grade of B- does not qualify.
5. EDUC 49810 and EDUC 41210 constitute a full course load during the student-teaching semester. No additional courses may be taken nor can teacher candidates participate in extra-curricular activities that have the potential to affect time for teaching and preparation.
6. During the semester of student teaching, the student may not play a college sport.
7. All candidates for initial certification must successfully complete all New York State Certification tests or performance assessments required by the state for the applicant's intended teaching certificate (type, grade levels, and subject areas).
8. The department chair and the coordinator of teacher education in the subject area must approve any exceptions to the above requirements.
9. The All-College Teacher Education Unit at Ithaca College requires teacher education students, regardless of program area, to be reviewed at four programmatic transition points during their course of study. Continuation in a teacher education major is contingent upon the student successfully meeting the requirements of each transition point review; therefore, admission into one of the Ithaca College Teacher Education Program majors at admission or upon transfer to the College *does not guarantee* that a student will be allowed to complete the program required for teaching certification. Further information can be found in the Unit-Wide Assessment Systems section of the main Department of Education catalog page.

Physics Minor Requirements

Code	Title	Credits
PHYS 11700	Principles of Physics I: Mechanics	4
PHYS 11800	Principles of Physics II: Electricity and Magnetism	4
PHYS 21700	Principles of Physics III: Waves, Optics and Thermodynamics	4
PHYS 21800	Principles of Physics IV: Modern Physics	4

MATH 11100	Calculus I	4
MATH 11200	Calculus II	4
Total Credits		24

Department of Politics

Bachelor of Arts

Patricia M. Rodriguez, Associate Professor and Chairperson

The curriculum provides an understanding of political organization and political forces in contemporary life. This knowledge develops a basis for insight and allows for judgments on the relationships between individuals and the state, between the economy and the government, as well as between nation-states and the international system. Students become prepared for competency in citizenship for careers in public service and foreign relations, for the study of law, and for scholarship at the graduate level. Politics majors who wish to focus their study on international and global matters can declare a concentration in international studies. The department also offers two minors in politics and in international politics, and it is the home of the interdisciplinary Legal Studies program (p. 478) in the School of Humanities and Sciences.

pre-approved double major in politics and documentary studies

The double major in politics and documentary studies and production enables students to connect the two fields, opening up opportunities to express critical thinking not solely via writing, but in creative, visual, and diverse cultural milieus. The double major does not change the requirements for the two majors (Politics with optional concentration in International Studies B.A. and Documentary Studies and Production B.A.). It does, however:

- increase awareness of the possibilities and interconnections between the majors;
- facilitates faculty-student collaborations on projects with political, cultural, critical theory, social and economic content;
- streamlines admissions procedures for declaring the double major;
- promote advising support from faculty in both departments.

For more information, visit the politics (<https://www.ithaca.edu/academics/school-humanities-and-sciences/politics/>) or documentary studies (<https://www.ithaca.edu/academics/roy-h-park-school-communications/documentary-studies-production-experience/>) web pages, or contact the department chair.

MODEL UNITED NATIONS AND MODEL EUROPEAN UNION

The Model UN team brings together students from all Ithaca College schools and majors with an interest in international affairs. Each member of the team attends at least one national conference per semester. At large conferences, members represent specific countries in UN General Assembly committees or in smaller groups modeled on the UN Security Council. At smaller conferences, members may be assigned a specific character to play in a contemporary or historical crisis simulation, or even a fictional crisis or scenario. Before the conferences, student delegates research their country, topic, or role to prepare short opening statements and position papers. During the simulations, they negotiate with other delegates in order to pass a resolution. Participation helps develop student skills in researching, public speaking, small group communication, and writing, all centered on international affairs. Once

a year, Ithaca College also puts together a delegation to participate in the SUNY Model European Union with similar goals and formats. MEU events are held in New York State or in Brussels, Belgium, in alternating years. For more information about both programs, contact the Model UN and Model EU advisor, Juan Arroyo, assistant professor in the Politics department, located in Muller Faculty Center.

Course Levels and Subfields

Politics courses are offered in four different subfields and at three levels.

U.S. politics courses emphasize the organizations, institutions, and processes of U.S. political life at both the national and subnational level, including the study of U.S. leadership patterns, legislative politics, legal systems and their social implications, partisan competition, and fundamental social and economic forces that structure U.S. politics. Courses with a U.S. politics focus are numbered from POLT 10100 to POLT 10300 and from POLT 30100 to POLT 32000.

Comparative and international studies courses encompass the comparative study of political institutions, processes, and sociocultural bases of political systems, along with patterns of international conflict and cooperation. They expose students to an examination of a broad range of political phenomena, such as revolution, war, imperialism, styles of leadership, processes of political change, and systems maintenance. Every semester, the department offers one or more courses on special topics; recent topics include Politics in East Asia, the European Union, Political Violence and Human Rights in Latin America, Africa in World Politics, Japanese Politics, Militarization of Everyday Life, Politics of Global Capitalism, and Pirates, Mercenaries and International Law. Courses with a comparative and international studies focus are numbered from POLT 12200 to POLT 12900 (and also include POLT 23000), and from POLT 32100 to POLT 34054.

Political theory courses concentrate on philosophical and conceptual concerns that appear throughout the discipline. These include general courses in political thought, courses that center on particular theorists or theoretical systems, and courses on the scope and methods of political analysis. Courses with a political theory focus are numbered POLT 14100 to POLT 14500, and POLT 34100 to POLT 35000.

Public policy courses provide students with analytical approaches to the study of public policy making and application. Particular emphasis is given to understanding the complexities of modern problems and the limitations and potential of public policy to produce the common good. This subfield in particular is recommended for students planning careers in the management of public affairs. Courses with a public policy focus are numbered POLT 36200 to POLT 37000.

Introductory courses are divided into three of the subfields – U.S. politics, political theory, and comparative and international studies. Majors must take at least one course in each subfield. Introductory courses range from POLT 10100 to POLT 29900.

Intermediate courses include all four subfields – U.S. politics, political theory, public policy, and comparative and international studies. Students in the major must take at least one course in each of the subfields. Students with a concentration in international studies take POLT 30600 US Foreign Policy instead of a public policy course. Intermediate courses range from POLT 30100 to POLT 37000.

Advanced courses are seminars, tutorials, internships, or directed studies. Students in the major must take two advanced-level courses, at least one

of which must be a seminar. Advanced courses range from POLT 40100 to POLT 49900.

Majors & Minors

- Politics Major — B.A. (p. 528)
- Politics Minor (p. 529)
- International Politics Minor (p. 529)

POLT 10100 U.S. Politics (LA)

Institutions, processes, and cultural roots of U.S. politics. Complex interrelationships among a highly specific set of political-economic institutions that have evolved to reflect the conditions of U.S. society: Congress, the presidency, bureaucracy, judiciary, parties, interest groups, media, and the electoral process. This course or its equivalent is required of all majors. (F,S,Y)

Attributes: H, HM, LMSP, LSCO, SO, SS, TPJ, TWOS
3 Credits

POLT 10200 Media and Politics (LA)

The complex and subtle relationships between major political institutions and major communication media. Reporting of significant information about politics, both in the United States and in Europe, and efforts of governments to channel or control media; the American case of the Pentagon Papers and the French ORTF; and the Federal Communications Commission as a focal point in the continuing conflict between government and electronic media. (S,Y)

Attributes: MAP, SCE, SS
3 Credits

POLT 10300 The United States and the World: Politics of Empire (LA)

Examines the political and ideological role of the U.S. as a superpower/ empire in order to explore the relationship between power and violence. Specific focus on the relationship between U.S. foreign policies and global violence and the implications of this relationship for both U.S. citizens and people around the world. (S,E)

Attributes: 1, SS
3 Credits

POLT 12200 Politics and Society (LA)

Analysis of political systems and their relationships with social and economic forces in the context of the U.S. political system, parliamentary democracies, one-party systems, and developing systems. Specific topics for study include the sociocultural base of politics, political change, leadership, and political participation. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,S,Y)

Attributes: LAEL, LAGC, LMSP, LSCO, SO, TPJ, TQSF
3 Credits

POLT 12300 Political Justice (LA)

The definition and analysis of political trials in various cultural and historical contexts as an index of the modern state's expanding claims on individuals and groups. Different perspectives of defense, prosecution, and judgment; media impact; extrajudicial means of repression. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,Y)

Attributes: 1, G, NAPL, NASE, SS
3 Credits

POLT 12800 Introduction to International Relations (LA)

Provides students with different theoretical perspectives on understanding the international system from a social science perspective. Critically examines a range of issues in international relations, including military, economic and cultural issues. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,Y)

Attributes: G, INBG, LMSP, LSCO, SO, SS, TPJ, TWOS
3 Credits

POLT 12900 Explorations in Global and Comparative Studies (LA)

Examines global issues, including culture and identity formation, globalization, human rights, the environment, and militarism. National and international public policies are examined critically and policy alternatives are explored, as are individual responses and responsibilities. Utilizes country case studies, international simulations, literature and film and emphasizes global awareness. (F,S,Y)

Attributes: ADSE, G, HM, INBG, LMSP, LSCO, SO, SS, TIDE, TPJ
3 Credits

POLT 14100 Power: Race, Sex, and Class (LA)

Distribution of power in the United States according to class, sex, and race. What power is, where it comes from, where it is located. Analysis of class, democracy, capitalism, and specific issues they raise for policy making, persons, the family, and corporate power. Counts as a political theory course for politics majors. (S,Y)

Attributes: 1, AN3, DV, G, HM, LMSP, SO, SS, TIDE, TPJ, WGS, WGSJ
3 Credits

POLT 14200 Ideas and Ideologies (LA)

Exploration of the philosophical and ideological roots of political life and political inquiry. Concepts such as authority, legitimacy, freedom, and justice are studied, as well as the ideologies of liberation, conservatism, communism, nationalism, and democracy. Analysis of the intellectual wellsprings of modern social and political sciences. Counts as a political theory course for politics majors. (F,S,Y)

Attributes: HM, LMSP, LSCO, SO, SS, TPJ, TWOS
3 Credits

POLT 14300 Understanding Capitalism (LA)

Exploration of the role of class conflict in the making of contemporary political and social life. Application of theoretical and historical materials to assess capitalism's complex relationship to such ideals as progress, freedom, equality, individuality, and justice. Understanding the personal, regional, national, and global scope of capitalism. Counts as a political theory course for politics majors. (Y)

Attributes: 1, HM, SO, SS, TPJ, TWOS
3 Credits

POLT 14400 Global Political Thought (LA)

Explores the global dimensions of political theory. Special attention is given to analyzing how core texts and ideas in western social and political thought have traveled, been translated, understood, and reimagined across various national and geographical boundaries. Counts as a political theory course for politics majors. (F,S,Y)

Attributes: HM, HU, SO, SS, TIDE, TPJ
3 Credits

POLT 14500 Politics of Identity: Race, Ethnicity, Culture (LA)

Explores the impact of race on both individual identities and on the life opportunities afforded to different racial groups in the United States.

Focuses on understanding how identity and race are socially and politically constructed in order to devise an anti-racist politics that cuts across racial and cultural differences. Cross-listed with CSCR 14500.

Counts as a political theory course for politics majors. (F,Y)

Attributes: HM, SO, SS, TIDE, TPJ

3 Credits

POLT 19500 Food and Water: Challenges to Sustainability (LA)

This course focuses on several kinds of food and water policy, addressing nutrition, agricultural subsidies, health concerns, and ecological effects.

Students will learn to identify the ideological values expressed in different policies. Examines the actors and obstacles involved in defining and shaping our options and choices regarding food and water, and the specific centers of decision-making in all of the branches of government.

The course serves as a general introduction to policy. (F,S,Y)

Attributes: ABSS, SO, TQSF

3 Credits

POLT 23000 The Holocaust (LA)

This course surveys the Holocaust. Topics covered include the origins and development of anti-Semitism; the rise of Nazism; the response of European Jews to persecution before and during World War II; the evolution of Nazi policy from repression to genocide; the plight of refugees; the place of the Holocaust in the Nazi plan to create a new racial order in Europe; and the roles of bystanders and rescuers.

Prerequisites: Sophomore standing. (F,Y)

Attributes: G, H, LMEL, LSCO, SS

3 Credits

POLT 29900 Field Study: Politics (NLA)

Opportunity for students to explore and experience facets of political life through work experience and/or field research. Academic credit contingent on completion of study design with departmental faculty member. (Course may not be used to satisfy level-1 distribution requirements.) Prerequisites: POLT 10100; one other course in the social sciences; permission of instructor. (Y)

1-6 Credits

POLT 30100 Legislative Behavior (LA)

Analysis of legislative bodies, with an emphasis placed on the U.S. Congress. State and municipal legislatures, parliamentary legislatures, and other collegial bodies; legislative structures and roles, representation, and apportionment; executive-legislative relations; oversight and investigation; and legislative reform. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: LMSP, SS

3 Credits

POLT 30300 Constitutional Law: Civil Rights and Liberties (LA)

An introduction to constitutional law as it develops in the context of the U.S. political process. Emphasis is placed on civil rights and liberties (freedom of speech, press, and thought; equal protection; rights of the accused; etc.). Court decisions in these areas are related to attitudes and behaviors in the political and social system. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (S,Y)

Attributes: H, LMEL, LSCO, NAPP, NASE, SS

3 Credits

POLT 30400 U.S. Party Politics (LA)

The role of political parties in the U.S. political system, with special attention to the myth and reality of two-party politics. Organization and leadership of parties; election process; campaign strategies and techniques; money and politics; media and politics. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: LMSP, SS

3 Credits

POLT 30500 Urban Politics (LA)

Political forces operating within urban areas; older and larger urban areas and their problems in light of local, state, and national politics and policies. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: ABSS

3 Credits

POLT 30600 U.S. Foreign Policy (LA)

Political and bureaucratic processes central to the formulation of U.S. foreign policy. Readings on the policy-making process; the role of bureaucratic organizations in policy making; and the role of the president, Congress, and Departments of State and Defense. These topics are examined in the context of specific cases such as U.S.-Soviet relations, Sino-American relations, and the Vietnam War. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (F,Y)

Attributes: INBG, LMEL, LMSP, LSCO, SS

3 Credits

POLT 30900 Personality and Politics (LA)

Linkages between political life and the development of individual personality. Problems of political thinking and consciousness are analyzed for individual citizens, small groups, and political leaders. Consideration of political biographies and public opinion materials. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 31000 Supreme Court in U.S. Politics (LA)

Summarizes, surveys, and analyzes Supreme Court decision making in terms of an explicit theoretical framework concerning the court's essential functions within the U.S. political system. Provides students with a nontechnical explanation of the activities of the Supreme Court – what the court does, why it does what it does, and what effects the court's activities have had on U.S. society. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (Y)

Attributes: LMEL, LSCO, SS

3 Credits

POLT 31900 Selected Topics in U.S. Politics (LA)

Matters of special contemporary interest to students and faculty may be developed under this course heading. May be repeated for credit for selected topics on different subjects. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 32000 ST: US Politics (LA)

Matters of special contemporary interest to students and faculty may be developed under this course heading. May be repeated for credit for selected topics on different subjects. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: LAEL, LMEL, LSCO, SS

3 Credits

POLT 32100 Contemporary British Politics (LA)

Introduction to the British political system. Functioning of governmental institutions, the class base of politics, political parties, elections, interest groups in policy process, and current issues confronting the British polity. Comparisons with U.S. political institutions and processes. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. Offered only through the London Center. (F-S,Y)

Attributes: INBG, SS

3 Credits

POLT 32200 British Foreign Policy (LA)

Examination of Britain's historical role in world affairs as a great power and imperialist state, and of the forces leading to decline. Emphasis also is placed on the British position in East-West relations, relations with Europe and the EC, the role of the Commonwealth today, the foreign policy-making processes, partisan differences among political parties, and current issues such as the nuclear arms debate and relations with South Africa. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. Offered only through the London Center. (F,Y)

Attributes: SS

3 Credits

POLT 32300 Race and Colonialism (LA)

This course engages colonialism as a set of racial and material practices that shaped the identities of the colonizers and the colonized as much as it did the global political economy. Three themes in particular will guide our engagement: the racial overtones and undertones of the colonial encounter, especially as embodied in the ideas of discovery, barbarism, and progress; the psychological dynamics of the relationship between the colonizers and the colonized; and the politics of oppression and liberation. Cross-listed with CSCR 30700. Prerequisites: Junior standing. (Y)

Attributes: AASE, ADSE, LXME, NASE, SS

3 Credits

POLT 32400 Communist and Post-Communist Societies (LA)

Primary focus on the transition from Communism to post-Communism during the late 1980s and early 1990s. Social, political, and economic causes of this transition mainly in the Soviet Union, Eastern Europe, and China are examined. Special attention is given to exploring and developing a general theoretical explanation for this unique historical process. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (F)

Attributes: INBG, SS

3 Credits

POLT 32500 Chinese Politics (LA)

Revolutionary change in modern China: historical survey of China from 1911 to 1949, with attention to development of the Chinese Communist party; rise of Mao Tse-tung and evolution of Maoist thought; and the People's Republic from 1949 to the present, with focus on political and social transformation of Chinese society. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (S,O)

Attributes: AASE, INBG, SS

3 Credits

POLT 32600 Russian Politics (LA)

The focus is on the new Russian state, from Boris Yeltsin onward, looking at the internal conflicts and external forces that shape the Russian experience, as well as continuities with the Soviet system. Considers the effect of Russian culture and nationalism on politics, looking in particular at the "Russian idea" of a uniquely Russian path of development superior to the Western experience. Draws on the Russian experience in order to cast light on questions such as what is democracy, what is the best way to democratize, what are the tensions between democracy and capitalism, and what is the difference between socialism and capitalism. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (F,Y)

Attributes: INBG, SS

3 Credits

POLT 32700 The Politics of Development (LA)

The struggle of third-world peoples to improve their economic position and political power in the international system. Special attention is given to problems of development in Latin America and Africa and to the role played by industrial societies in the development process. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (S,O)

Attributes: ABSS, AN3, ENS, ESPE, ESSS, INBG, LAEL, LAGC

3 Credits

POLT 32800 International Conflict (LA)

Study of nationalism, conflict among nations, the role of force and violence, cold wars and arms competitions, ideological conflicts, similarities and differences between national conflict and international conflict, and techniques of conflict resolution. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (F,Y)

Attributes: LMEL, LMSP, LSCO, SS

3 Credits

POLT 32900 Comparative Politics of the Global South (LA)

Critically examines the impact of the emergence of a capitalist world economy on Asian, African, and Latin American societies, and explores Global South internationalism, 'subaltern' knowledge production, and emerging forms of political struggle against colonialism, local and global inequalities, racism, gender, labor discriminations, and ecological devastation. Objectives are to specify the common features, particularities, and challenges of Global South countries, international relations and solidarities, and to examine efforts to shift geopolitical power relations and solidify political projects towards a fairer and equal world. The methodology is comparative and historical. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,S,IRR)

Attributes: INBG, LAGC, SS

3 Credits

POLT 33000 European Politics (LA)

Focuses on changes and continuities in European identity and democracy, and other trends and issues that Europe is facing at the start of the 21st century. Looks at institutions and parties of major European states as well as of the European Union, and at the transition to liberal political and economic systems in Eastern Europe. Also considers issues of citizenship, immigration, racism, and nationalism in all parts of Europe. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (S,Y)

Attributes: INBG, SS

3 Credits

POLT 33100 Latin American Politics (LA)

Undertakes a comparative political analysis of nations in the region called Latin America – Central and South America and the Caribbean. Includes a systemic analysis of intraregional relations, especially Latin America-U.S., and interregional relations between Latin America and Europe, Africa, Asia, and Russia. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (F,E)

Attributes: INBG, LSCI, LXME, SS

3 Credits

POLT 33200 Africa through Film: Images and Reality (LA)

Challenges popular Western representations of the African continent through a study of representation and reality and interrogates the foundation of these constructs. Emphasizes the need for media literacy and exposure to counter-narratives in the study of African countries and explores African politics, historiographies, and contemporary issues through extensive readings and a comparative analysis of diverse films from Hollywood, radical African filmmakers, and popular African cinema. Materials include "Coming to America," "Flame," and "Lumumba." Students apply sociopolitical analysis to the subject matter, uncovering for instance, apartheid ideology behind the portrayal of Africans in the film "The Gods Must Be Crazy." Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. (F,Y)

Attributes: 1, ADCI, ADSE, G, H, INBG, MAP, SCE, SS

3 Credits

POLT 33300 Understanding Islam (LA)

This course aims to facilitate an understanding of Islam within two overlapping contexts: one is the political, historical, and ideological encounter between Islam and the West that has shaped Western attitudes toward the religion. The other is how Muslims experience Islam as both a system of beliefs about the divine (religion and theology) and as lived reality (history and politics). Topics range from scriptural conceptions of God, human creation, sex and gender relationships, and war and violence to mysticism, from the encounters of early medieval Europeans with Islam to post 9/11 debates on Islam and terrorism.

Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Three courses in the social sciences. (S,Y)

Attributes: INBG, SS

3 Credits

POLT 33400 Politics of Rights and Culture (LA)

Investigates controversial issues, including philosophical and legal debates that emphasize the lack of whether human rights are truly universal. Explores the contradictory ways in which religious, social, and cultural forces, gender and class struggles, and structural global inequalities generate diverse concepts of moral rights, justice, freedoms, and protections. Uses case studies and critical questions such as that posed by Mahmood Mamdani: "Can a culture of individual rights coexist with the right of every individual to practice one's culture?" Provides comparative studies of the United States, Latin America, Asia, and the Middle East but focuses primarily on African countries and their contributions to human rights discourses and practice. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (S,O)

Attributes: INBG, LMEL, LMSP, LSCO, SS

3 Credits

POLT 33500 Crossing Borders/Global Migration (LA)

The movement of people across borders – as refugees and as workers – is a central political issue throughout the world, at times even becoming the focus of violence. The course focuses on the causes of these movements, as well as on questions migration raises about the meaning of borders and the link between identity, culture, and politics. This course uses a range of texts – journalistic accounts, academic writings, fiction, films, and the words of migrants themselves. We examine migrations at the global level, including the United States, as well as at the local level, including migrant workers in western New York. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (O)

Attributes: ABSS, AN3

3 Credits

POLT 33600 Whiteness and Multiculturalism (LA)

This course interrogates the concept of whiteness and relates it to conceptualizations of multiculturalism, tackling these issues at both theoretical and empirical levels, drawing on cases from the United States as well as from other societies. The goal of the course is to foreground the category "white" and to recognize the meanings of this category, the effect it has on white and non-white individuals, and the direct relationship of whiteness to power. It also seeks to bring about a critical rethinking of the concept of multiculturalism by linking the study of whiteness to policies of multiculturalism. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisite: Sophomore standing. (E)

Attributes: ADCI, ADSE, AN3, LMEL, LSCO, SS

3 Credits

POLT 33700 Politics of Memory (LA)

Exploration of the political and social dilemmas surrounding concepts such as collective memory, truth, justice, confession, forgiveness, healing, and reconciliation in sociopolitical spaces. How, for instance, will the political suppression or mobilization of memory vie for space with efforts to address the systematization of unconscionable crimes against humanity and create a just peace? What lessons do the experiences of South Africa, the United States, Chile, and Rwanda offer other polarized societies? Students engage memory theory and the narratives of victims and perpetrators in examining Czech writer Milan Kundera's suggestion that "the struggle of man against power is the struggle of memory against forgetting." Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (IRR)

Attributes: NASE, SS

3 Credits

POLT 33900 Political Economy of the Middle East (LA)

Analyzes the political economy of the Middle East from a historical and theoretical perspective. Explains the nature of socioeconomic change through analysis of the relationships among state, class, and economic development. Topics include the nature and role of the economy and the state, the processes of class formation, the role of women, the Arab-Israeli conflict, and U.S. interests in the region. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (F)

Attributes: INBG, SS

3 Credits

POLT 34000-34054 Selected Topics in Comparative-International Studies (LA)

Matters of special contemporary interest to students and faculty may be developed under this course heading. This arrangement permits departmental offerings to be responsive to evolving faculty and student interests. This course may be repeated for credit when topics change. Counts as a Comparative & International Studies course for politics majors and international politics minors. Selected Topics with course numbers from 34050 to 34099 count as "place" courses for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 34100 U.S. Political Thought (LA)

The writings of U.S. political thinkers from the Puritans to the present. Focus on questions of equality, rights of the individual, the role of community, relationship between the people and their leaders, the nature of change, and the place of education and religion in the United States. Counts as a political theory course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 34200 Liberalism and Marxism (LA)

Treats several important political ideas and questions from a feminist, as well as a Marxist, perspective through historical political theory. The first part of the course addresses the division of labor in society and its relationship to private property and alienable labor; the second deals with the treatment of the sexual division of labor. Some of the key issues are conceptions of human nature: What is natural or innate? What is social? What necessitates government? The course also looks at issues of reform or revolution. In essence, students examine classical liberalism as the ideology supporting the capitalist system. Primary readings from historical theorists (Locke, Hobbes, Rousseau, Mill, Marx, Goldman, and Luxemburg). Counts as a political theory course for politics majors. Prerequisites: Sophomore standing. (FY)

Attributes: LMEL, LMSP, LSCO, SS

3 Credits

POLT 34300 Feminist Theory (LA)

Discussion of theories of women's oppression, historical and contemporary. In this sense it is a study of feminist ideology as it has been developed by Mary Wollstonecraft, the early American feminists, Emma Goldman, J. S. Mill, socialist literature, and radical feminism. Key questions to be discussed throughout are the issues of the sexual division of labor; the acceptance or rejection of the issues of the sexual division of labor; and the acceptance or rejection of the connection between sexual and class oppression. We will be trying to develop a synthesis of much of the literature in order to assess and compare the contemporary women's movement with historical forms of women's struggle. Counts as a political theory course for politics majors.

Prerequisites: Sophomore standing. (IRR)

Attributes: SS, WGS, WGS3

3 Credits

POLT 34400 Contemporary British Political Theory (LA)

Particular emphasis is placed on the controversy concerning the responsibility of the state for economic and social equality. Attention is given to the concepts of freedom and equality and the ideas of market system liberalism, social democracy, socialism, Marxism, conservatism, and neoconservatism. Counts as a political theory course for politics majors. Prerequisites: Sophomore standing. Offered only through the London Center. (S,Y)

Attributes: SS

3 Credits

POLT 35000-35004 Selected Topics in Political Theory (LA)

Focus on particular areas of political theory that are not covered in other 30000-level theory courses. This arrangement permits departmental offerings to be responsive to evolving faculty and student interests.

Counts as a political theory course for politics majors. Prerequisites:

Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 35005 ST: Political Theory (LA)

Focus on particular areas of political theory that are not covered in other 30000-level theory courses. This arrangement permits departmental offerings to be responsive to evolving faculty and student interests.

Counts as a political theory course for politics majors. Prerequisites:

Three courses in social sciences or equivalent. (IRR)

Attributes: SS

3 Credits

POLT 35006-35009 Selected Topics in Political Theory (LA)

Focus on particular areas of political theory that are not covered in other 30000-level theory courses. This arrangement permits departmental offerings to be responsive to evolving faculty and student interests.

Counts as a political theory course for politics majors. Prerequisites:

Three courses in social sciences or equivalent. (IRR)

3 Credits

POLT 36200 Theory and Politics of Public Policy (LA)

Selected public policy issues; development, formulation, execution, and evaluation. Theories of the policymaking process, such as rationalism, incrementalism, and systems analysis, with a view toward understanding their analytical and explanatory power. Counts as a public policy course for politics majors. Prerequisites: ECON 12100; two additional courses in social sciences or equivalent. (FY)

Attributes: SS

3 Credits

POLT 36300 Politics of Equality (LA)

Examines equality and inequality from a variety of perspectives, including philosophical, socioeconomic, and public policy analysis, as well as problems entailed in defining and justifying equality as a political and socioeconomic goal. Explores interpretations of the human consequences of inequality. Analyzes equality as a political problem in capitalist and socialist societies. Counts as a public policy course for politics majors. Prerequisites: Sophomore standing. (S,Y)

Attributes: SS

3 Credits

POLT 36400 Law and Public Policy (LA)

Gives a sense of the important place of public law in the policy-making process and examines how legal education shapes legal thinking.

Considers the role of courts in forming policies related to housing, school desegregation, mental health care, prison reform, AIDS, and the environment. Contract theory is analyzed as it relates to issues like surrogate motherhood. Covers selected criminal law issues, such as those related to rape. Students evaluate the strengths and limitations of using legal approaches to the formulation of policy options. Counts as a public policy course for politics majors. Prerequisites: Two politics courses; one course in sociology, history, philosophy, economics, or introduction to law. (S,Y)

Attributes: SS

3 Credits

POLT 36500 The Politics of Health (LA)

Introduction to issues in health policy as they relate to the general organization of political life in the United States. Methods for the allocation of scarce medical resources, such as markets, political devices, and lotteries, are analyzed and compared. AIDS is examined as a major public health problem. We consider genetic and procreative issues, including the politics of in vitro fertilization, surrogate motherhood contracts, abortion, and genetic engineering. Counts as a public policy course for politics majors. Prerequisites: Two politics courses; one course in sociology, history, philosophy, or economics. (F,Y)

Attributes: SS

3 Credits

POLT 36600 Environmental Politics (LA)

Examines environmental protection (and destruction) from numerous political perspectives and in relation to various political ideologies. Looks at policy-making aspects of environmental protection. Traces the development of national and international environmental movements. Considers environmental issues in terms of race, gender, and class politics. Prerequisites: Sophomore standing. Cross-listed with ENVS 36600; students cannot receive credit for both POLT 36600 and ENVS 36600. (Y)

Attributes: ABSS, LMEL, LSC0

3 Credits

POLT 37000 Selected Topics in Public Policy (LA)

Matters of special contemporary interest to students and faculty may be developed under this course heading. This course may be repeated for credit for selected topics on different subjects. Counts as a public policy course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 39800 Practicum in International Governance (NLA)

Students prepare for and participate in simulated international negotiations at Model United Nations or Model European Union events. Students adopt the roles of representatives of our assigned countries, and work with other delegates to write resolutions that propose answers to the questions facing their committees. Participation in the conferences is required. Students may incur some additional costs as a result of domestic off-campus travel. International conferences will require additional fees and costs. Students must be members of the Model UN or Model EU team to be permitted to enroll. Course may be repeated for up to three credits. Prerequisites: Permission of instructor. (F-S,Y)

1 Credit

POLT 40100-40114 Seminar: Comparative and International Studies (LA)

Small group settings designed to permit intensive examination of selected topics not provided elsewhere in the curriculum. Seminar topics change from year to year. This course may be repeated for credit for selected topics on different subjects. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Junior/senior standing; one POLT course. (F-S,Y)

Attributes: SS

1-4 Credits

POLT 40200-40210 Seminar: Politics (LA)

Small group settings designed to permit intensive examination of selected topics not provided elsewhere in the curriculum. Seminar topics change from year to year. This course may be repeated for credit for selected topics on different subjects. Prerequisites: Junior/senior standing; one POLT course. (F-S,Y)

Attributes: SS

1-4 Credits

POLT 40300-40310 Tutorial: Comparative and International Studies (LA)

Individual investigation of selected topics in politics through readings, written reports, and essays under tutorial supervision. This course may be repeated for credit when topics change. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Junior/senior standing and one POLT course. (F-S,Y)

Attributes: SS

1-4 Credits

POLT 40400-40410 Tutorial: Politics (LA)

Individual investigation of selected topics in politics through readings, written reports, and essays under tutorial supervision. This course may be repeated for credit when topics change. Prerequisites: Junior/senior standing and one POLT course. (F-S,Y)

Attributes: SS

1-4 Credits

POLT 40500-40501 Internship: Politics (NLA)

Permits students to explore politics through a variety of governmental and nongovernmental work experiences. Students are expected to perform full-time work for academic credit and to submit, as part of their course obligations, a thorough written evaluative report based on their experiences. Internships may be taken at national, state, and local levels, in London under the auspices of the Ithaca College London Center, as well as in other international locations. Prerequisites: Junior/Senior standing; permission of instructor. (F-S,Y)

1-12 Credits

POLT 40550-40551 Internship: International Studies (NLA)

Permits students to explore politics through a variety of governmental and nongovernmental work experiences. Students are expected to perform full-time work for academic credit and to submit, as part of their course obligations, a thorough written evaluative report based on their experiences. Internships may be taken at national, state, and local levels, in London under the auspices of the Ithaca College London Center, as well as in other international locations. Prerequisites: Junior/Senior standing; permission of instructor. (F-S,Y)

1-12 Credits

POLT 49900-49901 Directed Study: Politics (LA)

The program of study may be a reading program of materials of special interest to the student, or involve development and execution of a research project on a specific topic. Reading or research is undertaken under faculty direction. Prerequisites: Three courses in social sciences or equivalent; permission of instructor. Variable credit (1-5). (F-S,Y)

Attributes: SS

1-5 Credits

POLT 49950-49951 Directed Study: International Studies (LA)

The program of study may be a reading program of materials of special interest to the student, or involve development and execution of a research project on a specific topic. Reading or research is undertaken under faculty direction. Prerequisites: Junior/Senior standing; permission of instructor. (F-S,Y)

Attributes: SS

1-5 Credits

POLT 10100 U.S. Politics (LA)

Institutions, processes, and cultural roots of U.S. politics. Complex interrelationships among a highly specific set of political-economic institutions that have evolved to reflect the conditions of U.S. society: Congress, the presidency, bureaucracy, judiciary, parties, interest groups, media, and the electoral process. This course or its equivalent is required of all majors. (F,S,Y)

Attributes: H, HM, LMSP, LSCO, SO, SS, TPJ, TWOS

3 Credits

POLT 10200 Media and Politics (LA)

The complex and subtle relationships between major political institutions and major communication media. Reporting of significant information about politics, both in the United States and in Europe, and efforts of governments to channel or control media; the American case of the Pentagon Papers and the French ORTF; and the Federal Communications Commission as a focal point in the continuing conflict between government and electronic media. (S,Y)

Attributes: MAP, SCE, SS

3 Credits

POLT 10300 The United States and the World: Politics of Empire (LA)

Examines the political and ideological role of the U.S. as a superpower/ empire in order to explore the relationship between power and violence. Specific focus on the relationship between U.S. foreign policies and global violence and the implications of this relationship for both U.S. citizens and people around the world. (S,Y)

Attributes: I, SS

3 Credits

POLT 12200 Politics and Society (LA)

Analysis of political systems and their relationships with social and economic forces in the context of the U.S. political system, parliamentary democracies, one-party systems, and developing systems. Specific topics for study include the sociocultural base of politics, political change, leadership, and political participation. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,S,Y)

Attributes: LAEL, LAGC, LMSP, LSCO, SO, TPJ, TQSF

3 Credits

POLT 12300 Political Justice (LA)

The definition and analysis of political trials in various cultural and historical contexts as an index of the modern state's expanding claims on individuals and groups. Different perspectives of defense, prosecution, and judgment; media impact; extrajudicial means of repression. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,Y)

Attributes: I, G, NAPL, NASE, SS

3 Credits

POLT 12800 Introduction to International Relations (LA)

Provides students with different theoretical perspectives on understanding the international system from a social science perspective. Critically examines a range of issues in international relations, including military, economic and cultural issues. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,Y)

Attributes: G, INBG, LMSP, LSCO, SO, SS, TPJ, TWOS

3 Credits

POLT 12900 Explorations in Global and Comparative Studies (LA)

Examines global issues, including culture and identity formation, globalization, human rights, the environment, and militarism. National and international public policies are examined critically and policy alternatives are explored, as are individual responses and responsibilities. Utilizes country case studies, international simulations, literature and film and emphasizes global awareness. (F,S,Y)

Attributes: ADSE, G, HM, INBG, LMSP, LSCO, SO, SS, TIDE, TPJ

3 Credits

POLT 14100 Power: Race, Sex, and Class (LA)

Distribution of power in the United States according to class, sex, and race. What power is, where it comes from, where it is located. Analysis of class, democracy, capitalism, and specific issues they raise for policy making, persons, the family, and corporate power. Counts as a political theory course for politics majors. (S,Y)

Attributes: I, AN3, DV, G, HM, LMSP, SO, SS, TIDE, TPJ, WGS, WGSII

3 Credits

POLT 14200 Ideas and Ideologies (LA)

Exploration of the philosophical and ideological roots of political life and political inquiry. Concepts such as authority, legitimacy, freedom, and justice are studied, as well as the ideologies of liberation, conservatism, communism, nationalism, and democracy. Analysis of the intellectual wellsprings of modern social and political sciences. Counts as a political theory course for politics majors. (F,S,Y)

Attributes: HM, LMSP, LSCO, SO, SS, TPJ, TWOS

3 Credits

POLT 14300 Understanding Capitalism (LA)

Exploration of the role of class conflict in the making of contemporary political and social life. Application of theoretical and historical materials to assess capitalism's complex relationship to such ideals as progress, freedom, equality, individuality, and justice. Understanding the personal, regional, national, and global scope of capitalism. Counts as a political theory course for politics majors. (Y)

Attributes: 1, HM, SO, SS, TPJ, TWOS
3 Credits

POLT 14400 Global Political Thought (LA)

Explores the global dimensions of political theory. Special attention is given to analyzing how core texts and ideas in western social and political thought have traveled, been translated, understood, and reimagined across various national and geographical boundaries. Counts as a political theory course for politics majors. (F,S,Y)

Attributes: HM, HU, SO, SS, TIDE, TPJ
3 Credits

POLT 14500 Politics of Identity: Race, Ethnicity, Culture (LA)

Explores the impact of race on both individual identities and on the life opportunities afforded to different racial groups in the United States. Focuses on understanding how identity and race are socially and politically constructed in order to devise an anti-racist politics that cuts across racial and cultural differences. Cross-listed with CSCR 14500.

Counts as a political theory course for politics majors. (F,Y)

Attributes: HM, SO, SS, TIDE, TPJ
3 Credits

POLT 19500 Food and Water: Challenges to Sustainability (LA)

This course focuses on several kinds of food and water policy, addressing nutrition, agricultural subsidies, health concerns, and ecological effects. Students will learn to identify the ideological values expressed in different policies. Examines the actors and obstacles involved in defining and shaping our options and choices regarding food and water, and the specific centers of decision-making in all of the branches of government. The course serves as a general introduction to policy. (F,S,Y)

Attributes: ABSS, SO, TQSF

3 Credits

POLT 23000 The Holocaust (LA)

This course surveys the Holocaust. Topics covered include the origins and development of anti-Semitism; the rise of Nazism; the response of European Jews to persecution before and during World War II; the evolution of Nazi policy from repression to genocide; the plight of refugees; the place of the Holocaust in the Nazi plan to create a new racial order in Europe; and the roles of bystanders and rescuers.

Prerequisites: Sophomore standing. (F,Y)

Attributes: G, H, LMEL, LSCO, SS

3 Credits

POLT 29900 Field Study: Politics (NLA)

Opportunity for students to explore and experience facets of political life through work experience and/or field research. Academic credit contingent on completion of study design with departmental faculty member. (Course may not be used to satisfy level-1 distribution requirements.) Prerequisites: POLT 10100; one other course in the social sciences; permission of instructor. (Y)

1-6 Credits

POLT 30100 Legislative Behavior (LA)

Analysis of legislative bodies, with an emphasis placed on the U.S. Congress. State and municipal legislatures, parliamentary legislatures, and other collegial bodies; legislative structures and roles, representation, and apportionment; executive-legislative relations; oversight and investigation; and legislative reform. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: LMSP, SS

3 Credits

POLT 30300 Constitutional Law: Civil Rights and Liberties (LA)

An introduction to constitutional law as it develops in the context of the U.S. political process. Emphasis is placed on civil rights and liberties (freedom of speech, press, and thought; equal protection; rights of the accused; etc.). Court decisions in these areas are related to attitudes and behaviors in the political and social system. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (S,Y)

Attributes: H, LMEL, LSCO, NAPP, NASE, SS

3 Credits

POLT 30400 U.S. Party Politics (LA)

The role of political parties in the U.S. political system, with special attention to the myth and reality of two-party politics. Organization and leadership of parties; election process; campaign strategies and techniques; money and politics; media and politics. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: LMSP, SS

3 Credits

POLT 30500 Urban Politics (LA)

Political forces operating within urban areas; older and larger urban areas and their problems in light of local, state, and national politics and policies. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: ABSS

3 Credits

POLT 30600 U.S. Foreign Policy (LA)

Political and bureaucratic processes central to the formulation of U.S. foreign policy. Readings on the policy-making process; the role of bureaucratic organizations in policy making; and the role of the president, Congress, and Departments of State and Defense. These topics are examined in the context of specific cases such as U.S.-Soviet relations, Sino-American relations, and the Vietnam War. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (F,Y)

Attributes: INBG, LMEL, LMSP, LSCO, SS

3 Credits

POLT 30900 Personality and Politics (LA)

Linkages between political life and the development of individual personality. Problems of political thinking and consciousness are analyzed for individual citizens, small groups, and political leaders. Consideration of political biographies and public opinion materials. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 31000 Supreme Court in U.S. Politics (LA)

Summarizes, surveys, and analyzes Supreme Court decision making in terms of an explicit theoretical framework concerning the court's essential functions within the U.S. political system. Provides students with a nontechnical explanation of the activities of the Supreme Court – what the court does, why it does what it does, and what effects the court's activities have had on U.S. society. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (Y)

Attributes: LMEL, LSCQ, SS

3 Credits

POLT 31900 Selected Topics in U.S. Politics (LA)

Matters of special contemporary interest to students and faculty may be developed under this course heading. May be repeated for credit for selected topics on different subjects. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 32000 ST: US Politics (LA)

Matters of special contemporary interest to students and faculty may be developed under this course heading. May be repeated for credit for selected topics on different subjects. Counts as a US Politics course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: LAEL, LMEL, LSCQ, SS

3 Credits

POLT 32100 Contemporary British Politics (LA)

Introduction to the British political system. Functioning of governmental institutions, the class base of politics, political parties, elections, interest groups in policy process, and current issues confronting the British polity. Comparisons with U.S. political institutions and processes. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. Offered only through the London Center. (F-S,Y)

Attributes: INBG, SS

3 Credits

POLT 32200 British Foreign Policy (LA)

Examination of Britain's historical role in world affairs as a great power and imperialist state, and of the forces leading to decline. Emphasis also is placed on the British position in East-West relations, relations with Europe and the EC, the role of the Commonwealth today, the foreign policy-making processes, partisan differences among political parties, and current issues such as the nuclear arms debate and relations with South Africa. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. Offered only through the London Center. (F,Y)

Attributes: SS

3 Credits

POLT 32300 Race and Colonialism (LA)

This course engages colonialism as a set of racial and material practices that shaped the identities of the colonizers and the colonized as much as it did the global political economy. Three themes in particular will guide our engagement: the racial overtones and undertones of the colonial encounter, especially as embodied in the ideas of discovery, barbarism, and progress; the psychological dynamics of the relationship between the colonizers and the colonized; and the politics of oppression and liberation. Cross-listed with CSCR 30700. Prerequisites: Junior standing. (Y)

Attributes: AASE, ADSE, LXME, NASE, SS

3 Credits

POLT 32400 Communist and Post-Communist Societies (LA)

Primary focus on the transition from Communism to post-Communism during the late 1980s and early 1990s. Social, political, and economic causes of this transition mainly in the Soviet Union, Eastern Europe, and China are examined. Special attention is given to exploring and developing a general theoretical explanation for this unique historical process. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (F)

Attributes: INBG, SS

3 Credits

POLT 32500 Chinese Politics (LA)

Revolutionary change in modern China: historical survey of China from 1911 to 1949, with attention to development of the Chinese Communist party; rise of Mao Tse-tung and evolution of Maoist thought; and the People's Republic from 1949 to the present, with focus on political and social transformation of Chinese society. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (S,O)

Attributes: AASE, INBG, SS

3 Credits

POLT 32600 Russian Politics (LA)

The focus is on the new Russian state, from Boris Yeltsin onward, looking at the internal conflicts and external forces that shape the Russian experience, as well as continuities with the Soviet system. Considers the effect of Russian culture and nationalism on politics, looking in particular at the "Russian idea" of a uniquely Russian path of development superior to the Western experience. Draws on the Russian experience in order to cast light on questions such as what is democracy, what is the best way to democratize, what are the tensions between democracy and capitalism, and what is the difference between socialism and capitalism. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (F,Y)

Attributes: INBG, SS

3 Credits

POLT 32700 The Politics of Development (LA)

The struggle of third-world peoples to improve their economic position and political power in the international system. Special attention is given to problems of development in Latin America and Africa and to the role played by industrial societies in the development process. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (S,O)

Attributes: ABSS, AN3, ENSS, ESPE, ESSS, INBG, LAEL, LAGC

3 Credits

POLT 32800 International Conflict (LA)

Study of nationalism, conflict among nations, the role of force and violence, cold wars and arms competitions, ideological conflicts, similarities and differences between national conflict and international conflict, and techniques of conflict resolution. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (F,Y)

Attributes: LMEL, LMSP, LSCQ, SS

3 Credits

POLT 32900 Comparative Politics of the Global South (LA)

Critically examines the impact of the emergence of a capitalist world economy on Asian, African, and Latin American societies, and explores Global South internationalism, 'subaltern' knowledge production, and emerging forms of political struggle against colonialism, local and global inequalities, racism, gender, labor discriminations, and ecological devastation. Objectives are to specify the common features, particularities, and challenges of Global South countries, international relations and solidarities, and to examine efforts to shift geopolitical power relations and solidify political projects towards a fairer and equal world. The methodology is comparative and historical. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,S,IRR)

Attributes: INBG, LAGC, SS

3 Credits

POLT 33000 European Politics (LA)

Focuses on changes and continuities in European identity and democracy, and other trends and issues that Europe is facing at the start of the 21st century. Looks at institutions and parties of major European states as well as of the European Union, and at the transition to liberal political and economic systems in Eastern Europe. Also considers issues of citizenship, immigration, racism, and nationalism in all parts of Europe. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (S,Y)

Attributes: INBG, SS

3 Credits

POLT 33100 Latin American Politics (LA)

Undertakes a comparative political analysis of nations in the region called Latin America – Central and South America and the Caribbean. Includes a systemic analysis of intraregional relations, especially Latin America-U.S., and interregional relations between Latin America and Europe, Africa, Asia, and Russia. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (F,E)

Attributes: INBG, LSCI, LXME, SS

3 Credits

POLT 33200 Africa through Film: Images and Reality (LA)

Challenges popular Western representations of the African continent through a study of representation and reality and interrogates the foundation of these constructs. Emphasizes the need for media literacy and exposure to counter-narratives in the study of African countries and explores African politics, historiographies, and contemporary issues through extensive readings and a comparative analysis of diverse films from Hollywood, radical African filmmakers, and popular African cinema. Materials include "Coming to America," "Flame," and "Lumumba." Students apply sociopolitical analysis to the subject matter, uncovering for instance, apartheid ideology behind the portrayal of Africans in the film "The Gods Must Be Crazy." Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. (F,Y)

Attributes: 1, ADCI, ADSE, G, H, INBG, MAP, SCE, SS

3 Credits

POLT 33300 Understanding Islam (LA)

This course aims to facilitate an understanding of Islam within two overlapping contexts: one is the political, historical, and ideological encounter between Islam and the West that has shaped Western attitudes toward the religion. The other is how Muslims experience Islam as both a system of beliefs about the divine (religion and theology) and as lived reality (history and politics). Topics range from scriptural conceptions of God, human creation, sex and gender relationships, and war and violence to mysticism, from the encounters of early medieval Europeans with Islam to post 9/11 debates on Islam and terrorism. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Three courses in the social sciences. (S,Y)

Attributes: INBG, SS

3 Credits

POLT 33400 Politics of Rights and Culture (LA)

Investigates controversial issues, including philosophical and legal debates that emphasize the lack of whether human rights are truly universal. Explores the contradictory ways in which religious, social, and cultural forces, gender and class struggles, and structural global inequalities generate diverse concepts of moral rights, justice, freedoms, and protections. Uses case studies and critical questions such as that posed by Mahmood Mamdani: "Can a culture of individual rights coexist with the right of every individual to practice one's culture?" Provides comparative studies of the United States, Latin America, Aisa, and the Middle East but focuses primarily on African countries and their contributions to human rights discourses and practice. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (S,O)

Attributes: INBG, LMEL, LMSP, LSCO, SS

3 Credits

POLT 33500 Crossing Borders/Global Migration (LA)

The movement of people across borders – as refugees and as workers – is a central political issue throughout the world, at times even becoming the focus of violence. The course focuses on the causes of these movements, as well as on questions migration raises about the meaning of borders and the link between identity, culture, and politics. This course uses a range of texts – journalistic accounts, academic writings, fiction, films, and the words of migrants themselves. We examine migrations at the global level, including the United States, as well as at the local level, including migrant workers in western New York. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (O)

Attributes: ABSS, AN3

3 Credits

POLT 33600 Whiteness and Multiculturalism (LA)

This course interrogates the concept of whiteness and relates it to conceptualizations of multiculturalism, tackling these issues at both theoretical and empirical levels, drawing on cases from the United States as well as from other societies. The goal of the course is to foreground the category "white" and to recognize the meanings of this category, the effect it has on white and non-white individuals, and the direct relationship of whiteness to power. It also seeks to bring about a critical rethinking of the concept of multiculturalism by linking the study of whiteness to policies of multiculturalism. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisite: Sophomore standing. (E)

Attributes: ADCI, ADSE, AN3, LMEL, LSCO, SS

3 Credits

POLT 33700 Politics of Memory (LA)

Exploration of the political and social dilemmas surrounding concepts such as collective memory, truth, justice, confession, forgiveness, healing, and reconciliation in sociopolitical spaces. How, for instance, will the political suppression or mobilization of memory vie for space with efforts to address the systematization of unconscionable crimes against humanity and create a just peace? What lessons do the experiences of South Africa, the United States, Chile, and Rwanda offer other polarized societies? Students engage memory theory and the narratives of victims and perpetrators in examining Czech writer Milan Kundera's suggestion that "the struggle of man against power is the struggle of memory against forgetting." Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Sophomore standing. (IRR)

Attributes: NASE, SS

3 Credits

POLT 33900 Political Economy of the Middle East (LA)

Analyzes the political economy of the Middle East from a historical and theoretical perspective. Explains the nature of socioeconomic change through analysis of the relationships among state, class, and economic development. Topics include the nature and role of the economy and the state, the processes of class formation, the role of women, the Arab-Israeli conflict, and U.S. interests in the region. Counts as a Comparative & International Studies course for politics majors and international politics minors, and as a "place" course for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (F)

Attributes: INBG, SS

3 Credits

POLT 34000-34054 Selected Topics in Comparative-International Studies (LA)

Matters of special contemporary interest to students and faculty may be developed under this course heading. This arrangement permits departmental offerings to be responsive to evolving faculty and student interests. This course may be repeated for credit when topics change. Counts as a Comparative & International Studies course for politics majors and international politics minors. Selected Topics with course numbers from 34050 to 34099 count as "place" courses for the concentration in international studies and for international politics minors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 34100 U.S. Political Thought (LA)

The writings of U.S. political thinkers from the Puritans to the present. Focus on questions of equality, rights of the individual, the role of community, relationship between the people and their leaders, the nature of change, and the place of education and religion in the United States. Counts as a political theory course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 34200 Liberalism and Marxism (LA)

Treats several important political ideas and questions from a feminist, as well as a Marxist, perspective through historical political theory. The first part of the course addresses the division of labor in society and its relationship to private property and alienable labor; the second deals with the treatment of the sexual division of labor. Some of the key issues are conceptions of human nature: What is natural or innate? What is social? What necessitates government? The course also looks at issues of reform or revolution. In essence, students examine classical liberalism as the ideology supporting the capitalist system. Primary readings from historical theorists (Locke, Hobbes, Rousseau, Mill, Marx, Goldman, and Luxemburg). Counts as a political theory course for politics majors.

Prerequisites: Sophomore standing. (F,Y)

Attributes: LMEL, LMSP, LSCO, SS

3 Credits

POLT 34300 Feminist Theory (LA)

Discussion of theories of women's oppression, historical and contemporary. In this sense it is a study of feminist ideology as it has been developed by Mary Wollstonecraft, the early American feminists, Emma Goldman, J. S. Mill, socialist literature, and radical feminism. Key questions to be discussed throughout are the issues of the sexual division of labor; the acceptance or rejection of the issues of the sexual division of labor; and the acceptance or rejection of the connection between sexual and class oppression. We will be trying to develop a synthesis of much of the literature in order to assess and compare the contemporary women's movement with historical forms of women's struggle. Counts as a political theory course for politics majors.

Prerequisites: Sophomore standing. (IRR)

Attributes: SS, WGS, WGS3

3 Credits

POLT 34400 Contemporary British Political Theory (LA)

Particular emphasis is placed on the controversy concerning the responsibility of the state for economic and social equality. Attention is given to the concepts of freedom and equality and the ideas of market system liberalism, social democracy, socialism, Marxism, conservatism, and neoconservatism. Counts as a political theory course for politics majors. Prerequisites: Sophomore standing. Offered only through the London Center. (S,Y)

Attributes: SS

3 Credits

POLT 35000-35004 Selected Topics in Political Theory (LA)

Focus on particular areas of political theory that are not covered in other 30000-level theory courses. This arrangement permits departmental offerings to be responsive to evolving faculty and student interests. Counts as a political theory course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 35005 ST: Political Theory (LA)

Focus on particular areas of political theory that are not covered in other 30000-level theory courses. This arrangement permits departmental offerings to be responsive to evolving faculty and student interests. Counts as a political theory course for politics majors. Prerequisites: Three courses in social sciences or equivalent. (IRR)

Attributes: SS

3 Credits

POLT 35006-35009 Selected Topics in Political Theory (LA)

Focus on particular areas of political theory that are not covered in other 30000-level theory courses. This arrangement permits departmental offerings to be responsive to evolving faculty and student interests. Counts as a political theory course for politics majors. Prerequisites: Three courses in social sciences or equivalent. (IRR)
3 Credits

POLT 36200 Theory and Politics of Public Policy (LA)

Selected public policy issues; development, formulation, execution, and evaluation. Theories of the policymaking process, such as rationalism, incrementalism, and systems analysis, with a view toward understanding their analytical and explanatory power. Counts as a public policy course for politics majors. Prerequisites: ECON 12100; two additional courses in social sciences or equivalent. (F,Y)

Attributes: SS

3 Credits

POLT 36300 Politics of Equality (LA)

Examines equality and inequality from a variety of perspectives, including philosophical, socioeconomic, and public policy analysis, as well as problems entailed in defining and justifying equality as a political and socioeconomic goal. Explores interpretations of the human consequences of inequality. Analyzes equality as a political problem in capitalist and socialist societies. Counts as a public policy course for politics majors. Prerequisites: Sophomore standing. (S,Y)

Attributes: SS

3 Credits

POLT 36400 Law and Public Policy (LA)

Gives a sense of the important place of public law in the policy-making process and examines how legal education shapes legal thinking. Considers the role of courts in forming policies related to housing, school desegregation, mental health care, prison reform, AIDS, and the environment. Contract theory is analyzed as it relates to issues like surrogate motherhood. Covers selected criminal law issues, such as those related to rape. Students evaluate the strengths and limitations of using legal approaches to the formulation of policy options. Counts as a public policy course for politics majors. Prerequisites: Two politics courses; one course in sociology, history, philosophy, economics, or introduction to law. (S,Y)

Attributes: SS

3 Credits

POLT 36500 The Politics of Health (LA)

Introduction to issues in health policy as they relate to the general organization of political life in the United States. Methods for the allocation of scarce medical resources, such as markets, political devices, and lotteries, are analyzed and compared. AIDS is examined as a major public health problem. We consider genetic and procreative issues, including the politics of in vitro fertilization, surrogate motherhood contracts, abortion, and genetic engineering. Counts as a public policy course for politics majors. Prerequisites: Two politics courses; one course in sociology, history, philosophy, or economics. (F,Y)

Attributes: SS

3 Credits

POLT 36600 Environmental Politics (LA)

Examines environmental protection (and destruction) from numerous political perspectives and in relation to various political ideologies. Looks at policy-making aspects of environmental protection. Traces the development of national and international environmental movements. Considers environmental issues in terms of race, gender, and class politics. Prerequisites: Sophomore standing. Cross-listed with ENVS 36600; students cannot receive credit for both POLT 36600 and ENVS 36600. (Y)

Attributes: ABSS, LMEL, LSCO

3 Credits

POLT 37000 Selected Topics in Public Policy (LA)

Matters of special contemporary interest to students and faculty may be developed under this course heading. This course may be repeated for credit for selected topics on different subjects. Counts as a public policy course for politics majors. Prerequisites: Sophomore standing. (IRR)

Attributes: SS

3 Credits

POLT 39800 Practicum in International Governance (NLA)

Students prepare for and participate in simulated international negotiations at Model United Nations or Model European Union events. Students adopt the roles of representatives of our assigned countries, and work with other delegates to write resolutions that propose answers to the questions facing their committees. Participation in the conferences is required. Students may incur some additional costs as a result of domestic off-campus travel. International conferences will require additional fees and costs. Students must be members of the Model UN or Model EU team to be permitted to enroll. Course may be repeated for up to three credits. Prerequisites: Permission of instructor. (F-S,Y)

1 Credit

POLT 40100-40114 Seminar: Comparative and International Studies (LA)

Small group settings designed to permit intensive examination of selected topics not provided elsewhere in the curriculum. Seminar topics change from year to year. This course may be repeated for credit for selected topics on different subjects. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Junior/senior standing; one POLT course. (F-S,Y)

Attributes: SS

1-4 Credits

POLT 40200-40210 Seminar: Politics (LA)

Small group settings designed to permit intensive examination of selected topics not provided elsewhere in the curriculum. Seminar topics change from year to year. This course may be repeated for credit for selected topics on different subjects. Prerequisites: Junior/senior standing; one POLT course. (F-S,Y)

Attributes: SS

1-4 Credits

POLT 40300-40310 Tutorial: Comparative and International Studies (LA)

Individual investigation of selected topics in politics through readings, written reports, and essays under tutorial supervision. This course may be repeated for credit when topics change. Counts as a Comparative & International Studies course for politics majors and international politics minors. Prerequisites: Junior/senior standing and one POLT course. (F-S,Y)

Attributes: SS

1-4 Credits

POLT 40400-40410 Tutorial: Politics (LA)

Individual investigation of selected topics in politics through readings, written reports, and essays under tutorial supervision. This course may be repeated for credit when topics change. Prerequisites: Junior/senior standing and one POLT course. (F-S,Y)
Attributes: SS
1-4 Credits

POLT 40500-40501 Internship: Politics (NLA)

Permits students to explore politics through a variety of governmental and nongovernmental work experiences. Students are expected to perform full-time work for academic credit and to submit, as part of their course obligations, a thorough written evaluative report based on their experiences. Internships may be taken at national, state, and local levels, in London under the auspices of the Ithaca College London Center, as well as in other international locations. Prerequisites: Junior/Senior standing; permission of instructor. (F-S,Y)
1-12 Credits

POLT 40550-40551 Internship: International Studies (NLA)

Permits students to explore politics through a variety of governmental and nongovernmental work experiences. Students are expected to perform full-time work for academic credit and to submit, as part of their course obligations, a thorough written evaluative report based on their experiences. Internships may be taken at national, state, and local levels, in London under the auspices of the Ithaca College London Center, as well as in other international locations. Prerequisites: Junior/Senior standing; permission of instructor. (F-S,Y)
1-12 Credits

POLT 49900-49901 Directed Study: Politics (LA)

The program of study may be a reading program of materials of special interest to the student, or involve development and execution of a research project on a specific topic. Reading or research is undertaken under faculty direction. Prerequisites: Three courses in social sciences or equivalent; permission of instructor. Variable credit (1-5). (F-S,Y)
Attributes: SS
1-5 Credits

POLT 49950-49951 Directed Study: International Studies (LA)

The program of study may be a reading program of materials of special interest to the student, or involve development and execution of a research project on a specific topic. Reading or research is undertaken under faculty direction. Prerequisites: Junior/Senior standing; permission of instructor. (F-S,Y)
Attributes: SS
1-5 Credits

**Politics Major – B.A.
Summary**

Code	Title	Credits
	Politics B.A. Major Requirements	36-51
	Integrative Core Curriculum Requirements ¹	29-41
	Electives	28-55
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

A grade of C is the minimum required in major field courses.

Code	Title	Credits
CREDITS IN THE DEPARTMENT ¹		
Three courses at level 1:		9
POLT 10100	U.S. Politics	
One course in the subfield political theory		
POLT 14100 through 14900		
One course in the subfield comparative and international studies		
POLT 12200 through 12900		
Six courses at level 3 or above, with a minimum of one course in each of the four subfields that constitute the major program (U.S. politics, political theory, public policy, and comparative and international studies)		18
US Politics: POLT 30100-32099		
Political Theory: POLT 34100 - 35099		
Public Policy: POLT 36200 - 37099		
Comp/Int'l Stds: POLT 32100 - 34099		
Two add'tl courses: POLT 3XXXX		
Two courses at level 4 - seminars, tutorials, internships, or directed studies - with at least one course in this series to be a seminar		6
One additional course at any level ²		3
Foreign-language competence up to and including the intermediate level		0-12
ADDITIONAL CREDITS FOR THE OPTIONAL INTERNATIONAL STUDIES CONCENTRATION ³		
POLT 1 xxxx	One additional POLT course at level 1	3
ANTH 10400	Cultural Anthropology	3
	or HIST 18200 World Civilization II	
Additional foreign language study beyond the intermediate level, or equivalent		0-6
Total Credits		42-60

¹ All majors must take at least three courses in comparative/international studies.
² Majors with senior standing may not fulfill this requirement with a level-1 course. POLT 18888 cannot be used to satisfy this requirement.
³ Students choosing the concentration option are restricted in the way in which they satisfy the requirements at levels 1, 3, and 4; see "Additional Requirements and Restrictions" in the description of the International Studies Concentration below for details.

International Studies Concentration

The international studies concentration is intended for students who wish to focus their study of politics on issues and topics specifically connected to global matters.

The concentration requires an additional 6-12 credits beyond the general politics B.A. degree (an additional POLT course at level 1; an additional course outside the department; and additional language study). The concentration also restricts the way in which students satisfy the general Politics requirements at each level by limiting choices to courses that are designated as comparative and international.

Summary of Additional Requirements and Restrictions for the International Studies Concentration

Code	Title	Credits
ANTH 10400	Cultural Anthropology	3
or HIST 18200	World Civilization II	
Level-1 requirement in the concentration (additional 3 credits):		3
POLT 10100	U.S. Politics	
POLT 14xxx	POLT course in political theory subfield	
POLT 12200	Politics and Society	
or POLT 12300	Political Justice	
POLT 12800	Introduction to International Relations	
or POLT 12900	Explorations in Global and Comparative Studies	
Level-3 requirement in the concentration:		
POLT 30600	U.S. Foreign Policy	
One course in U.S. politics: POLT 30100 through 32099		
One course in political theory: POLT 34100 through 35099		
Three courses in comparative and international studies, one of which must be designated as a "place" course: POLT 32100 through 34099		
Level-4 requirement:		
Seminars, tutorials, internships, and directed studies must be internationally focused. The following courses count for the 400-level requirements: POLT 401xx; POLT 403xx; POLT 4055x; and POLT 4995x. At least one course must be POLT 401xx.		
Language competence at least 6 credits beyond the intermediate level; students can petition the chair to have equivalent experience (e.g., a semester abroad) count for this additional competence.		0-6

Politics Minor Requirements

A minimum grade of C is required for courses to count toward the minor.

Code	Title	Credits
POLT 10100	U.S. Politics	3
POLT 1xxxx	One additional course at level 1	3
POLT xxxxx	Four courses at level 3 or above	12
POLT 4xxxx	One course at level 4, either a seminar or tutorial or internship	3
Total Credits		21

International Politics Minor Requirements

A minimum grade of C is required for courses to count toward the minor.

Code	Title	Credits
POLT 12800	Introduction to International Relations	3
or POLT 12900	Explorations in Global and Comparative Studies	
POLT 12200	Politics and Society	3
or POLT 12300	Political Justice	
POLT 30600	U.S. Foreign Policy	3

Three additional courses at level 3 or above in the subfield of comparative and international studies (POLT 32100 through POLT 340xx); at least one of those three must be designated as a "place" course.		9
One course at level 4 in the subfield of comparative and international studies:		3
POLT 401xx	Seminar in Comparative International Studies or	
POLT 403xx	Tutorial in Comparative and International Studies	
POLT 4055x	Internship: International Studies ¹	
Total Credits		21

¹ The for-credit internship will count for this requirement if the chair or director of internships determines that the internship falls within the field of comparative and international studies.

Department of Psychology

Bachelor of Arts, Bachelor of Science

Mary T. DePalma, *Professor and Chairperson*

The Department of Psychology is committed to enhancing critical and creative thinking through a scientifically grounded approach to the field of psychology. Faculty and staff seek to foster the growth of intellectual curiosity, rigor, ethical practice, and an appreciation and respect for diverse ideas, peoples and cultures.

Consistent with the mission statement of Ithaca College, we believe that competence is established when knowledge is tempered by experience. We value dynamic and hands-on modes of teaching, integrative and experiential learning, mentorship and collaboration with students, and the importance of solving complex problems by considering multiple perspectives.

The department offers two degrees, a bachelor of arts in psychology and a bachelor of science in applied psychology, as well as a minor in psychology. The department also helps to support two interdisciplinary minors. The neuroscience minor (p. 585) bridges psychology and biology, employing varied approaches in clinical applications and basic sciences. The counseling minor (p. 583) provides broad, interdisciplinary perspectives of psychology and sociology in the field of mental health and has a required internship component to provide practical experience.

The Department of Psychology also offers a number of general psychology courses from which students majoring in other disciplines may select depending upon their individual interests.

Requirements for Honors in Psychology

Students have the opportunity to graduate with departmental honors in psychology. To be eligible, a student must be a psychology major or minor in the junior year, with a 3.00 average in psychology and an overall GPA of 3.00. In exceptional cases, a student with a GPA as low as 2.70 may be considered if performance in psychology courses is outstanding. In any case, grades in psychology courses must not be lower than C.

Honors projects may be lab or field studies or may be based on library research. A student seeking departmental honors needs a faculty sponsor from the psychology department. Other advisers may be required

depending on the nature of the project. The project must fall clearly within the field of psychology.

Once the student and sponsor have identified a topic, the student proposes the project to the faculty, both orally and in writing following APA format. After approval, work on the project may begin. While such projects are under way, meetings are scheduled to confirm that progress is being made toward completion. The student must present the finished project to the faculty, both orally and in writing, and the faculty must vote to approve it for honors.

Ordinarily, a student may take no more than 6 credits of honors work in psychology.

Advanced Placement

Students may receive equivalent credit for PSYC 10300 if they score 4 or 5 on the AP examination in psychology.

Majors & Minors

- Applied Psychology Major — B.S. (p. 533)
- Psychology Major — B.A. (p. 534)
- Psychology Minor (p. 535)

PSYC 10000 The Psychology of Adjustment (LA)

Introduction to the psychology of human behavior; intended for non-psychology majors who want a broad overview of those aspects of psychology most relevant to problems of living. (F,S,Y)

Attributes: 1, SO, SS, TMBS

3 Credits

PSYC 10300 General Psychology (LA)

Introduction to the study of behavior, focusing on the influences of physiological, cognitive, social, and personality factors on behavior, including discussion of the major theories in psychology and related research. (F,S,Y)

Attributes: 1, SO, SS, TMBS

3 Credits

PSYC 10400 Introduction to Developmental Psychology (LA)

Introduction to the study of developmental processes, with an emphasis placed on genetic and environmental influences on the organism's physical, cognitive, social, and personality development across the life span. (F,S,Y)

Attributes: 1, SO, SS, TIDE

3 Credits

PSYC 11000 Media Literacy and the Psychology of Inquiry (LA)

This course serves as an introduction to the theory and practice of media literacy with an emphasis on developing skills in analysis and evaluation of media messages, as well as developing an understanding of critical thinking and the psychological processes involved in perception and media effects. Using an interdisciplinary approach that draws from many fields (including communications, psychology, and education), the course includes analyses of messages from both digital (e.g., websites) and traditional (e.g., print, TV, film) popular and educational media, and examines the effects of media messages on beliefs, attitudes, and behaviors. For psychology majors, this course counts towards the Sociocultural Competence requirement. Open to freshmen and sophomores only. (S,Y)

Attributes: CC, SO, TIII

3 Credits

PSYC 11400 Psychology Professional Development I (LA)

Introduction to the profession of psychology, career opportunities for psychology majors, the psychology program at Ithaca College, APA style and professional communication in psychology. Introduction to published psychological literature, writing for the discipline, research procedures, and data collection skills. Open only to psychology/applied psychology majors. Prerequisites: PSYC 10300 (may be taken concurrently). (F-S,Y)

Attributes: SS

3 Credits

PSYC 15300 Selected Topics: Psychology (LA)

Courses offered on various topics chosen by faculty members or resulting from students' requests. This course may be repeated for credit when topics vary. Prerequisites appropriate to the course level will be announced when course descriptions are distributed. Offered on demand only.

Attributes: NS

1-3 Credits

PSYC 20200 Motivation (LA)

Examination of the biological, cognitive, and social aspects of psychological motivation. Covers principal theories of motivation, research methods and findings, as well as applied issues. For psychology majors, this course satisfies the required APA Communication Skill development. Prerequisites: PSYC 10300; WRTG 10600, ICSM 10800, or ICSM 11800. (F,S,Y)

Attributes: 1, ACS, WI

3 Credits

PSYC 20700 Statistics in Psychology (LA)

Introduction to the computation and interpretation, application, and communication of basic descriptive and inferential statistics used in the behavioral sciences. Emphasis is placed on analyzing data using statistical software (SPSS). Prerequisites: Math group 1, 2, or 3; PSYC 10300 or PSYC 10400. (F,S,U,Y)

Attributes: 2B, ESTS, NS, QL

4 Credits

PSYC 20800 Positive Psychology (LA)

Exposure to important theories and concepts in the field of positive psychology, including the determinants of happiness, positive emotions, resilience, and optimism. For psychology majors, this course satisfies the APA Communication Skill development requirement. Prerequisites: PSYC 10300. (Y)

Attributes: ACS

3 Credits

PSYC 21700 Mental Health in Historical and Social Contexts (LA)

Explores the historical and contemporary contexts of mental health and distress from both sociological and psychological perspectives. Examination of the social construction of mental health through time, and consideration of how social and cultural factors such as race, class, and gender intersect with diagnostic paradigms and clinical treatment models employed by practitioners. For psychology majors, this course counts towards the Sociocultural Competence requirement. Cross listed as SOCI 21700. Students may not receive credit for PSYC 21700 and SOCI 21700. Prerequisite: Restricted to Counseling minors; one 100-level sociology course or PSYC 10300. (F,Y)

Attributes: CC, DV, LMEL, LSCQ, SO1, SS

3 Credits

PSYC 23100 Health Psychology (LA)

Examines the ways in which biology, behavior, and social context influence health and illness, as well as the contributions of psychological research to the understanding, prevention, and treatment of a variety of health concerns. Prerequisites: Sophomore standing. (Y)

Attributes: SO, SS, TMBS

3 Credits

PSYC 23200 Matters of the Mind: The Neuron and Beyond (LA)

Introduces the basic principles of neuroscience with a focus on the scientific exploration of neurological impairments. Examines the role of the human brain in interpreting the physical world and forming concepts of ourselves, society and 'reality'. Prerequisite: sophomore standing. (F,S,Y)

Attributes: NS, SC, TMBS

3 Credits

PSYC 23500 Conservation Psychology: Psychology for a Sustainable World (LA)

Application of psychological science to understanding reciprocal relationships between psychological well-being, environmental sustainability, social-environmental justice, and mitigating human-caused environmental problems. For psychology majors, this course counts towards the Sociocultural Competence requirement. Prerequisites: Sophomore Standing. (S,Y)

Attributes: CC, ENSS, ESSS, SO, SS, TQSF

3 Credits

PSYC 24700 Culture and Psychology (LA)

Introduces the perspective and methods of Cultural Psychology. Focal point is the relationship between cultural context where individuals grow and develop and the behaviors that become established in the repertoire of individuals growing up in a particular culture. This course will help students to recognize and challenge their own assumptions about "human nature," the "person," and what is "natural." For psychology majors, this course satisfies the APA Communication Skill Development requirement and counts towards the Sociocultural Competence requirement. Prerequisites: PSYC 10300; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (Y)

Attributes: 1, ACS, CC, G, HN, WI

3 Credits

PSYC 25300 Selected Topics: Psychology (LA)

Courses offered on various topics chosen by faculty members or resulting from students' requests. This course may be repeated for credit when topics vary. Prerequisites appropriate to the course level will be announced when course descriptions are distributed. Offered on demand only.

1-3 Credits

PSYC 26000 Psychology of Privilege and Oppression (LA)

This course explores and analyzes the complex intersections of social group identity based on race, gender, sexuality, class, and other dimensions of difference within systems of privilege and oppression. Students also analyze the underlying mental processes associated with privileged group membership (e.g. denial, distancing, invisibility). The course aims to establish a foundation upon which to develop sociocultural competence and promote a better understanding and acceptance of ourselves and others. For Psychology majors this course counts toward the Sociocultural Competency requirement. Prerequisites: PSYC 10300 or PSYC 10400. (F,S,Y)

Attributes: CC, CNSL, DV, LMEL, LSCO

3 Credits

PSYC 26100 Psychology of Women (LA)

In-depth examination of the psychology of women in contemporary society. Review of the research on gender differences and consideration of the theories (social learning, psychoanalytic, and biological) that have attempted to explain the differences. Focuses on some of the central experiences of women's lives (including relationships, work, mothering, sexuality, and mental health), with particular attention to the ways in which women's psychological development differs from that of men's in a patriarchal society. For psychology majors, this course counts towards the Sociocultural Competence requirement. Cross-listed with WGST 26100. (F,Y)

Attributes: 1, CC, CNSL, DV, SS, WGS, WGSC

3 Credits

PSYC 27000 Social and Cultural Issues in the History of Psychology (LA)

Survey of psychology's cultural roots and the development of the discipline. Emphasis on the roles of culture, race, and ethnicity in the development and practice of psychology. For psychology majors, this course satisfies the APA Communication Skill development requirement. Prerequisites: PSYC 10300; WRTG 10600, ICSM 10800, or ICSM 11800. (F, Y)

Attributes: ACS, CC, LMEL, LSCO, WI

3 Credits

PSYC 30200-30215 First Semester Research Team (LA)

The first of three semesters of participation in programmatic research by teams of students under the direction of one or more faculty members. Prerequisites: PSYC 30800 (may be taken concurrently); permission of instructor. (F-S,Y)

Attributes: UND

2 Credits

PSYC 30300-30313 Second Semester Research Team (LA)

The second of three semesters of participation in programmatic research by teams of students under the direction of one or more faculty members. Prerequisites: PSYC 30200-30299. (F-S,Y)

Attributes: UND

2 Credits

PSYC 30400-30413 Third Semester Research Team (LA)

The third of three semesters of participation in programmatic research by teams of students under the direction of one or more faculty members.

In consultation with the supervising faculty member this course may be repeated for up to four credits. Prerequisites: PSYC 30300-30399. (F-S,Y)

Attributes: UND

2 Credits

PSYC 30800 Research Methods in Psychology (LA)

Analysis of methodological designs used in psychological research and application of statistical methods for behavioral sciences, with special emphasis placed on the experimental method. Students should be able to use SPSS on the computer. Prerequisites: PSYC 20700. (F-S,Y)

3 Credits

PSYC 30900 Methods of Testing and Assessment (LA)

Behavioral measurement in the context of psychometrics, presented with examples and demonstrations from the areas of "intelligence," aptitude, achievement, interest, and personality assessment. The ethical and technical challenges of test selection, administration, and interpretation are discussed. Prerequisites: PSYC 20700. (F-S,Y)

3 Credits

PSYC 31100 Behavioral Neuroscience (LA)

Study of the anatomical structures and biochemical and physiological processes that affect and mediate the emotional, psychological, and behavioral states of the organism. Prerequisites: PSYC 20100, PSYC 20200, PSYC 20500, PSYC 20700, BIOL 20600, BIOL 22700, or SLPA 21200. (F-S,Y)

Attributes: 2A, NS

3 Credits

PSYC 31200 Behavioral Neuroscience Lab (LA)

Designed to complement PSYC 31100. Students take part in demonstrations and hands-on work with the variety of techniques necessary to understand behavioral neuroscience, including surgery, anatomy, histology, and electrical stimulation and recording.

Prerequisites: PSYC 31100 (may be taken concurrently). (F-S,Y)

Attributes: NS

2 Credits

PSYC 31600 Social Psychology (LA)

Study of the psychological determinants of social behavior and interpersonal processes, as well as the social determinants of the development of self-concept, beliefs, and attitudes. Prerequisites: One 200 level PSYC course (excluding PSYC 20700). (F-S,Y)

Attributes: 1, SS

3 Credits

PSYC 32000 Personality (LA)

This course presents an overview and encourages critical analysis of the major perspectives (e.g. trait, biological, cross-cultural, psychodynamic, cognitive), scientific issues, applications, and research findings in the area of personality. Prerequisites: One 200 level PSYC course (excluding PSYC 20700). (F,Y)

Attributes: SS

3 Credits

PSYC 32100 Abnormal Psychology (LA)

Introduction to dynamics of abnormal behavior with special emphasis on the etiology, diagnosis, treatment and evaluation of interventions for psychiatric diagnoses and common forms of psychological distress.

Prerequisites: One 200-level course from the following list: 200 level PSYC course (except PSYC 20700) SOCI 21700, OTBS 20100 or OTBS 20200; or PSYC 10400 and RLS 24300. (F-S,Y)

Attributes: SS

3 Credits

PSYC 33000 Cognition (LA)

Topics in cognitive psychology, including perception, attention, memory, language, problem solving, decision making, and reasoning. Developmental changes, individual differences in cognitive skills, and applications of cognitive research to fields such as law, education, and business are considered. Prerequisite: One 200 level PSYC course (except PSYC 20700), or PSYC 10300 and either BIOL 11900 or BIOL 12100. (F-S,Y)

Attributes: 2A, NS

3 Credits

PSYC 33400 Industrial and Organizational Psychology (LA)

Overview of the application of psychology to the behavior of people in workplace settings. Topics include personnel psychology, organizational behavior, workplace design, and consumer psychology. Prerequisites: One 200 level PSYC course (excluding PSYC 207000), MGMT 20600, or STCM 21000. (S,O)

Attributes: SS

3 Credits

PSYC 33600 Forensic Psychology (LA)

Application of psychology to the civil and criminal justice systems. Emphasis on psychology's role in criminal investigation, legal decision making, assessment of competency and insanity, and understanding and predicting criminal behavior. Prerequisites: PSYC 10300 and one 200 level PSYC course (excluding PSYC 20700), or GBUS 20300. (S, E).

Attributes: CNSL

3 Credits

PSYC 34100 Forms of Therapy (LA)

Introduction to modalities of individual psychotherapy, including cognitive-behavioral, humanistic, and psychodynamic. Goals include achieving an understanding of therapeutic modalities as well as an appreciation of issues related to pharmacological treatments and methods of evaluating the outcome of treatment interventions. For psychology majors, this course counts towards the Sociocultural Competence requirement. Prerequisite: PSYC 32100. (S,Y)

Attributes: CC, SS

3 Credits

PSYC 34200 Family Therapy (LA)

Survey of current approaches to family and couples counseling. Emphasis on systemic models of family functioning and therapeutic intervention. Assessment techniques, intervention rationales and the role of the family therapist. For psychology majors, this course satisfies the APA Communication Skill development requirement. Prerequisites: PSYC 32100, or SOCI 21700/PSYC 21700. (F,Y)

Attributes: CC

3 Credits

PSYC 35100 Independent Supervised Study (LA)

In-depth study of topic of interest in psychology, chosen in consultation with supervising instructor. A student may undertake more than one independent study. Offered on demand only. Prerequisites: Consent of instructor. Variable credit (commensurate with the complexity of the study). (IRR)

Attributes: UND

1-5 Credits

PSYC 35200 Independent Supervised Research (LA)

Students conduct empirical research on a topic selected in consultation with the instructor. Students may undertake more than one independent supervised research project. Offered on demand only. Prerequisites: Consent of instructor. Variable credit (commensurate with the complexity of the project). (IRR)

Attributes: UND

1-5 Credits

PSYC 35300 Selected Topics: Psychology (LA)

Courses offered on various topics chosen by faculty members or resulting from students' requests. This course may be repeated for credit when topics vary. Prerequisites appropriate to the course level will be announced when course descriptions are distributed. Offered on demand only.

1-3 Credits

PSYC 35400 Psychology Laboratory Assistant Seminar (NLA)

A training course for students who have been selected as lab assistants for PSYC 11400. Designed to provide students with skills in teaching, leading group discussion, and scoring assignments. Prerequisites: PSYC 11400; PSYC 20700; Permission of instructor. (F,Y)

1 Credit

PSYC 36100 Infant, Child and Adolescent Development (LA)

This course focuses on the early part of the lifespan development and will emphasize the basic theories and research methods in the field of developmental psychology. Topics include brain development, parenting, identity, moral reasoning, child psychopathology, and challenges in adolescence. For psychology majors, this course counts towards the Sociocultural Competence requirement. Prerequisites: Any 200 level PSYC course (except PSYC 20700); sophomore standing. (S,Y)

Attributes: CC

3 Credits

PSYC 36600 Adulthood and Aging (LA)

Examination of the biological, cognitive, and socioemotional process across the adult lifespan, from emerging and early adulthood through late adulthood and death, with an emphasis on major developmental theories and methods of study. For psychology majors, this course counts towards the Sociocultural Competence requirement. Prerequisites: PSYC 10400 or any 200-level course (except PSYC 20700); sophomore standing. (F,Y)

Attributes: 1, CC, CNSL, SL, SS

3 Credits

PSYC 39800 Psychology Professional Development II (NLA)

Exploration of career opportunities and options for individuals with an undergraduate degree in psychology or applied psychology, including graduate school (or other professional training) and employment in a related field. Psychology majors and applied psychology majors only. (Y) 1 Credit

PSYC 40900 Skills for the Helping Professional (NLA)

This course introduces students to theory and practice of psychotherapy and other professional helping relationships. Students learn about counseling, assessment, ethics, and helping skills. This course emphasizes basic and specialized skills necessary to function effectively in a helping relationship. Emphasis is placed upon understanding the nature of the helping process in a practical and applied way. Professional helping is explored in the context of cultural competency and a biopsychosocial viewpoint. Self-exploration and some level of self-disclosure are required inasmuch as effective counseling requires the ability to understand oneself and to articulate personal feelings. Prerequisites: SOCI 21700; PSYC 32100; and PSYC 34100 OR PSYC 34200 (courses may be taken concurrently). (F,S,Y)

3 Credits

PSYC 42000 Professional Seminar in Human Services (NLA)

An opportunity for students enrolled in internships in human services agencies to analyze and discuss individual and general problems related to their experiences. Weekly seminar meetings focus on integration of internship experiences with issues in the human services field, including structure of mental health delivery and patient-practitioner interaction. May be repeated three times for a total of three credits. Corerequisites: PSYC 45000. Prerequisites: Permission of instructor. Psychology and applied psychology majors, psychology minors, and counseling minors only. (F-S,Y)

Attributes: CC

1 Credit

PSYC 45000 Internship in Psychology (NLA)

Provides students the opportunity to apply psychology under the supervision of the sponsoring agency and a psychology faculty member. Internships are arranged individually. Students must complete the H&S internship application process. May be repeated for up to twelve credits. Prerequisites: Junior standing, permission of instructor. (F-S-SU, Y)

Attributes: UND

1-12 Credits

PSYC 45100 Advanced Independent Supervised Study (LA)

Intensive study of an individually selected topic in psychology, including honors studies (generally following PSYC 35100). Offered on demand only. Prerequisites: Senior standing; consent of the department. Variable credit.

Attributes: UND

1-5 Credits

PSYC 45200 Advanced Independent Supervised Research (LA)

Intensive empirical research, including honors research (generally following PSYC 35200). Offered on demand only. Prerequisites: Senior standing; consent of the department. Variable credit.

Attributes: UND

1-5 Credits

PSYC 46700 Psychopharmacology (LA)

Examination of the effects of psychoactive drugs with a multilevel emphasis on neural effects, cognitive functioning, emotion, and behavior. Covers psychotherapeutic compounds used for the treatment of various psychopathologies, as well as drugs of abuse. Studies basic principles of psychopharmacology, mechanisms of action for major classes of psychoactive agents, and individual and sociocultural factors affecting use and abuse of drugs. Prerequisites: PSYC 31100. (IRR)

3 Credits

PSYC 49200-49210 Senior Seminar in Psychology (LA)

Intensive investigation of selected topics in psychology. Prerequisites: Senior standing; permission of instructor. (F-S,Y)

Attributes: UND

3 Credits

PSYC 49250 Seminar in Neuroscience (LA)

Intensive investigation of selected topics in neuroscience intended primarily for neuroscience minors. Cross-listed with BIOL 49250. Students cannot receive credit for BIOL 49250 and PSYC 49250.

Prerequisites: Senior standing; permission of instructor. (S,Y)

3 Credits

PSYC 49800 Capstone in Psychology (LA)

Capstone experience for psychology and applied psychology majors emphasizing self-reflection and professional development. Exploration of connections between study in the major, Integrative Core Curriculum, and other learning experiences with a focus on the meaning and value of a liberal arts education. (F,S,Y)

Attributes: CP

1 Credit

Applied Psychology Major – B.S. Summary

Code	Title	Credits
	Applied Psychology B.S. Major Requirements	63-64
	Integrative Core Curriculum Requirements ¹	28-40
	Electives	19-29
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
PSYCHOLOGY CORE		
PSYC 10300	General Psychology	3
PSYC 11400	Psychology Professional Development I	3
PSYC 20200	Motivation	3
PSYC 20700	Statistics in Psychology	4
PSYC 30800	Research Methods in Psychology	3
PSYC 30900	Methods of Testing and Assessment	3
PSYC 39800	Psychology Professional Development II	1
PSYC 492xx	Senior Seminar in Psychology	3
PSYC 49800	Capstone in Psychology	1
PROFESSIONAL CORE		
COMP 11000	Computers and Information Technologies	3
ECON 12100	Principles of Macroeconomics	3
or ECON 12200 Principles of Microeconomics		
GBUS 20300	Legal Environment of Business I	3
MGMT 20600	Organizational Behavior and Management	3
MKTG 31200	Principles of Marketing	3
WRTG 21100	Writing for the Workplace	3
Select one of the following:		3-4
MATH 10500	Mathematics for Decision Making	
MATH 10800	Applied Calculus	
MATH 11100	Calculus I	
PSYCHOLOGY AREAS		
Select one course from each area:		12
Development		
PSYC 10400	Introduction to Developmental Psychology	
PSYC 36100	Infant, Child and Adolescent Development	
PSYC 36600	Adulthood and Aging	
Personality and Social		
PSYC 31600	Social Psychology	
PSYC 32000	Personality	
Biological Bases		
PSYC 23200	Matters of the Mind: The Neuron and Beyond	
PSYC 31100	Behavioral Neuroscience	
PSYC 33000	Cognition	
Applied		
EDUC 21010	Educational Psychology	
EXSS 20200	Sport and Exercise Psychology	
MKTG 32300	Consumer Behavior	
PSYC 23100	Health Psychology	
PSYC 23500	Conservation Psychology: Psychology for a Sustainable World	
PSYC 32100	Abnormal Psychology	
PSYC 33400	Industrial and Organizational Psychology	

PSYC 33600	Forensic Psychology	
PSYC 34100	Forms of Therapy	
PSYC 34200	Family Therapy	
EXPERIENTIAL LEARNING		
Select 6 credit hours from the following:		6
PSYC 302xx	First Semester Research Team	
PSYC 303xx	Second Semester Research Team	
PSYC 304xx	Third Semester Research Team	
PSYC 35200	Independent Supervised Research	
PSYC 35400	Psychology Laboratory Assistant Seminar	
PSYC 42000	Professional Seminar in Human Services	
PSYC 45000	Internship in Psychology	
Total Credits		63-64

Psychology Major – B.A.

A student in the Department of Psychology typically may take no more than 12 credits of any combination of research team, independent study or independent research, internship, and honors work with the same faculty member.

Summary

Code	Title	Credits
Psychology B.A. Major Requirements		48
Integrative Core Curriculum Requirements ¹		28-40
Electives		31-44
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Psychology majors must take *at least two PSYC courses* that meet the Sociocultural Competence requirement (CC).

Code	Title	Credits
PSYC 10300	General Psychology	3
PSYC 11400	Psychology Professional Development I	3
PSYC 20700	Statistics in Psychology	4
Level 2 Exploration and APA Communication Skill (ACS) Development		
Students must take two additional courses at level 2 (excluding PSYC 20700), at least one of which must be designated as an ACS course.		6
Upper Level Psychology Courses		
PSYC 30800	Research Methods in Psychology	3
PSYC 30900	Methods of Testing and Assessment	3
PSYC 31100	Behavioral Neuroscience	3
PSYC 31600	Social Psychology	3
PSYC 32100	Abnormal Psychology	3
PSYC 33000	Cognition	3
PSYC 302xx	First Semester Research Team	2
PSYC 303xx	Second Semester Research Team	2

PSYC 304xx	Third Semester Research Team	2
PSYC 36100	Infant, Child and Adolescent Development (CC)	3
or PSYC 36600	Adulthood and Aging	
PSYC 39800	Psychology Professional Development II	1
PSYC 492xx	Senior Seminar in Psychology	3
PSYC 49800	Capstone in Psychology	1
Total Credits		48

Psychology Minor

Students develop their minor programs in consultation with a designated minor adviser in the Department of Psychology. The department will accept courses that are required by a student's major in fulfillment of requirements in the minor.

Requirements

Code	Title	Credits
PSYC 10300	General Psychology	3
PSYC xxxxx	Six additional semester-long psychology electives, with at least six credits at level 3 or 4 and no more than nine credits at level 1	18
Total Credits		21

Screen Cultures Bachelor of Arts

Michael D. Richardson, *Professor and Coordinator*

The Screen Cultures major is an innovative and interdisciplinary program that provides students with a flexible course of study. It offers a solid understanding of foundational issues related to the study and understanding of the moving image while also allowing students to focus their studies on a range of specific issues and areas. This major is administered by a steering committee of faculty drawn from a wide range of programs in both the School of Humanities and Sciences and the Park School of Communications, with courses drawn from disciplines such as art history, cinema and photography, emerging media, philosophy, politics, religious studies, television-radio, and world languages, literatures, and cultures.

As a humanities-based course of study grounded in the field of film studies, but drawing on neighboring disciplines such as cultural studies, area studies, media arts, and media theory, Screen Cultures allows students to study in depth the theory, aesthetics, history, and cultural and institutional contexts of film, television, and related screen media from interdisciplinary perspectives. The degree emphasizes international and multicultural foci and is attentive to the role that the moving image plays in the construction of national, racial, ethnic, gender, and sexual identities. It provides opportunities for experiential learning in the form of on-campus and off-campus internships and projects in collaboration with a variety of film festivals on campus and throughout Ithaca ensuring that students graduate not only with core liberal arts skills, but with a keen understanding of the important role that visual media play in the contemporary world and in national/international public discourses and multiple industries.

- Screen Cultures - B.A. (p. 535)

SCRE 10000 FLEFF (Finger Lakes Environmental Film Festival) Immersion (LA)

This course provides an experiential opportunity to explore the annual Finger Lakes Environmental Film Festival (FLEFF) within an interdisciplinary academic framework. The course introduces the histories, theories and practices of festivals, providing multiple routes by which to explore and engage this particular festival in person and to reflect on this experience. May be repeated for a total of (S,Y) 1 Credit

SCRE 11100 Global Screen Cultures (LA)

Team-taught lecture course that examines cinematic representations of changing notions of cultural, national, and individual identity. Topics will include the impact of war and fascism on national identity; changing notions of the family structure and gender roles; generational conflict and cultural identity, class, race, and religion. Students will investigate these topics both within and across various national cultures. LNGS 11100 and SCRE 11100 are cross-listed; students may not take both courses for credit. (F,S,Y) 3 Credits

SCRE 39900 Screen Cultures Independent Study (LA)

Student-initiated research project on a specialized topic in the area of screen cultures. May be repeated up to a total of Prerequisites: Three courses with the attribute SCE (Screen Cultures). (F,S,Y) 1-3 Credits

SCRE 40100 Screen Cultures Internship (NLA)

This course explores the experiential dimensions of applied disciplinary study through a work and study project designed by the student, in consultation with a faculty sponsor and a practicing professional. A detailed project proposal will plan the specific aims of the internship, the activities involved in the internship, and the methods of reporting and reflecting on this experience. Students may repeat this course for a total of as long as each enrollment is connected to an internship place at a different site. Prerequisites: Permission of instructor. (F,S,Y) 1-6 Credits

SCRE 45000 Capstone Seminar in Screen Cultures (LA)

Focuses on intensive study of the disciplinary field of Screen Cultures, extending and synthesizing conceptual strands encountered earlier in the program and assessing the contemporary field of Screen Cultures. Particular attention paid to a discussion of career opportunities and preparation for post-graduate work. (F,S,Y) 3 Credits

Screen Cultures - B.A.

Summary

Code	Title	Credits
	Screen Cultures B.A. Major Requirements	41-44
	Integrative Core Curriculum ¹	28-40
	Electives	36-51
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/#integrativecorecurriculumicctext>)

Degree Requirements

Code	Title	Credits
No more than five courses, including Foundations courses, may be taken at the 100-level.		
At least four courses, including Foundations courses, must be taken at the 300- or 400-level.		
FOUNDATIONS		
CNPH 10100	Introduction to Film Aesthetics and Analysis	3
or TVR 12200	Introduction to Media Aesthetics and Analysis	
CNPH 21400	Hollywood and American Film	4
SCRE 10000	FLEFF (Finger Lakes Environmental Film Festival) Immersion	1
SCRE 11100	Global Screen Cultures	3
CNPH 30000	Fiction Film Theory	3
or CNPH 30100	History and Theory of Documentary	
HISTORIES, INDUSTRIES, MODES ¹		
Select two courses from the following:		6-8
ARTH 13500	Introduction to Visual Culture	
ARTH 28500	Art since 1960	
ARTH 39500	Performance, Institutional Critique, and the Museum	
CNPH 30200	Selected Topics in Cinema and Photography	
EMED 12000	Introduction to Emerging Media	
EMED 32000	Utopias and Dystopias of Emerging Media	
TVR 12100	Introduction to Mass Media	
TVR 12400	Introduction to Media Industries	
GENRES AND REPRESENTATIONS ¹		
Select two courses from the following:		6
ARTH 24300	Gender and Visual Culture	
ARTH 28700	Latinx Art in the United States	
CNPH 30500	Contemporary Film Criticism	
CSCR 21100	American Gangster: Social Portrayals of Gangs	
CSCR 25000	Hip-Hop Cultures	
CSCR 26100	Watching Race in American Media	
PHIL 24000	Philosophy in Film	
POLT 10200	Media and Politics	
RLST 20100	Religion and Culture	
TVR 33500	Electronic Media Criticism	
GLOBAL SCREENS ¹		
Select two courses from the following:		6
ARTH 36600	Art and Revolution in Latin America	
CNPH 20700	European Cinema	
CNPH 31000	British Comedy: Film, Television, and Radio	
GERM 25000	History of German Film	
ITAL 35000	Italian Culture through Cinema	
POLT 33200	Africa through Film: Images and Reality	
SPAN 43700	Contemporary Spanish Culture through Film	

TVR 22000	Global Flow of Information	
SCREEN CULTURES ELECTIVES ¹		
Select two additional courses with the attribute SCE; these electives can be drawn from the courses listed above but should not repeat courses already taken to satisfy the area requirements. These additional electives must be at the 200 level or above. Students may also apply up to three credits of SCRE 39900 Screen Cultures Independent Study or SCRE 40100 Screen Cultures Internship towards this requirement.		6-7
CAPSTONE		
SCRE 45000	Capstone Seminar in Screen Cultures	3
Total Credits		41

¹ Some of the courses in this area may have additional prerequisites that students are responsible for meeting.

Department of Sociology

Bachelor of Arts
Katherine Cohen-Filipic, Associate Professor and Chairperson

Students pursuing a degree in sociology in the School of Humanities and Sciences explore the complex dynamics that exist between individuals and the social forces and institutions that shape them.

How do societies change? What makes social order possible? What are the sources of conflict in society? How is power exercised and how is ideology used to control people? How do people organize to create change? How do racial and ethnic prejudices develop and become entrenched in society? How do we define human sexuality and sexual norms? How has the family unit evolved?

These are the kinds of questions students grapple with in courses in the sociology major at Ithaca College. In the process, they come to a deeper understanding of their own values and societal roles and begin to see how they can effect changes in individual behaviors and in society at large.

Faculty in the sociology department work closely with students to help them develop skills in writing and analysis, literature review, and research methods. All students develop their own research projects, may complete internships in real-world settings, or collaborate with faculty on independent studies or summer research.

The Departments of Sociology and Psychology are also partners in offering an interdisciplinary minor in counseling (see Counseling Minor (p. 583) in the Interdisciplinary Studies section). To complete the minor, students take courses in both departments; the minor also has a required internship component to provide practical, applied experience.

Individualized Study Opportunities

Research and hands-on experiences are provided in some departmental courses or can be pursued as independent study or tutorial projects. Independent study experience is arranged between the professor and the student and approved by the departmental Curriculum Committee. Some examples include projects on ethnic conflict in the Virgin Islands, food justice in the Southern Tier, transphobia in the southern US, racism and reparations, and trauma among social workers.

Internships

Internships are intended to provide students with a supervised and structured real-world experience. These are arranged by students and specific agencies in communities around the country, though most usually in the Tompkins County area. The sociology department believes that internships provide an opportunity to obtain work experience, apply classroom learning, and to analyze the social and political context of the specific agency. Field placements are available in a variety of local settings, including the Ithaca Youth Bureau, Southside Community Center, Tompkins County Social Services, Cayuga Medical Center at Ithaca, lawyers' offices, Offender Aid and Restoration, and local juvenile institutions.

Majors & Minors

- Sociology Major — B.A. (p. 543)
- Sociology Minor (p. 544)

SOCI 10100 Introduction to Sociology (LA)

Basic scientific concepts related to social systems, recurring social processes, cultural factors, and social factors in the development of personality. Also offered through the London Center. (F,S,Y)

Attributes: 1, SO, SS, TPJ

3 Credits

SOCI 13000 Youth and Youth Cultures (LA)

Analysis of the significance of youth – their culture and the institutions that have emerged to define and serve them. Topics include youth and politics, student movements, educational institutions, and stratification of youth by race, sex, and social class. The readings include novels and autobiographies, as well as sociological and historical analyses. Not open to seniors. (IRR)

Attributes: 1, SO, SS, TIDE

3 Credits

SOCI 20100 Introduction to Human Services (LA)

Introduction to the historical and contemporary fields of the human services and social welfare, with a focus on social service agencies and public policy. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (S,Y)

Attributes: SS

3 Credits

SOCI 20200 Women in Britain (LA)

Examination of the various social, historical, political, and economic factors that affect the position of women in contemporary Britain.

Comparisons are drawn with specific issues in other Western countries.

Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. Offered only through the London Center. (F,S,Y)

Attributes: 1, DV, INBG, SO2, SS, WGS

3 Credits

SOCI 20300 Juvenile Delinquency (LA)

Analysis of juvenile delinquency and its social reality. Systematic examination of issues in defining and measuring delinquency, theories of cause, gang behavior, the juvenile justice system, and issues and alternatives in response and treatment. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: ADSE, CNSL, DV, LXME, RPRE, SO, SO2, SS, TPJ

3 Credits

SOCI 20500 Sociological Inquiries (LA)

Building on the basics of sociology, this course develops students' ability to understand and operationalize the social world in sociological terms by introducing theory, research methods, and current hot topics and debates in the discipline. Students learn how to write a sociological research paper, including how to write a literature review. Prerequisites: One sociology course, that may be taken concurrently; open to sociology majors only. (Y)

3 Credits

SOCI 20600 Urban Sociology (LA)

Growth of urbanization and the concomitant changes in function of such key community institutions as the family, education, religion, economy, and the polity. Included is the study of stratification and decision-making power in the community. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (F,Y)

Attributes: 1, SO2, SS

3 Credits

SOCI 20700 Race and Ethnicity (LA)

Critical analysis of race and ethnic relations in the United States from assimilationist, pluralist, and Marxist perspectives. Comparative analysis of black, Latino, and white racial/ethnic experiences. Examinations of race and ethnicity as dimensions of social stratification and control.

Specific concepts include prejudice, discrimination, institutional racism, internal colonialism, and ethnic identification. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: 1, ADSE, CNSL, DV, H, LXME, NASE, SO, SO2, SS, TPJ

3 Credits

SOCI 20800 Social Change (LA)

Analysis of evolutionary and revolutionary social change from the perspective of critical sociology. Topics include the types of groups that mobilize for change, recruitment of new members, ideologies of groups, and leadership styles. Particular U.S. social change movements examined include labor, civil rights, antiwar, welfare rights, women's movement, and the new right. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: 1, CNSL, ENSS, ESSS, H, LAEL, LAGC, SO, SO1, SS, TPJ

3 Credits

SOCI 21200 Changing Contours of Work (LA)

Consideration of the changing composition and organization of work and the impact workplace practices have on individuals and the larger social order. Examination of gender, race, class as intersecting with jobs and careers. Students research their own intended professions and consider how job demands in the new economy may affect their lives and those of others. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (F,Y)

Attributes: DV, SO, SO3, SS, TPJ, WGSC

3 Credits

SOCI 21300 Sociology of Sexualities (LA)

Examination of how sexuality is defined in our society, stressing that it is cultural as well as biological and often defined in oppressive ways. Students investigate how the intersection of gender with capitalism, race, ethnicity, and sexual orientation has a strong impact on the definition of sexuality. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (S,Y)
 Attributes: 1, CNSL, DV, SO, SO4, SS, TIDE, WGS, WGSJ
 3 Credits

SOCI 21400 Definitions of Normality (LA)

Critical, analytical study of what it means to be outside the limits of society and of the processes that define normality in particular historical moments. Study of exclusion and normality focuses on those defined as "bad" (criminals, delinquents, sexual outsiders, addicts), "mad" (mental patients), "sad" (blind, deaf, physically different), and "awe-ful" (freaks). Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)
 Attributes: 1, DV, SO4, SS
 3 Credits

SOCI 21600 Alternative Culture (LA)

Specifically addresses the problems of the design of alternative social forms, using as examples writing about utopias and current explorations in alternative lifestyles. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)
 Attributes: SO1, SS
 3 Credits

SOCI 21700 Mental Health in Historical and Social Contexts (LA)

Explores the historical and contemporary contexts of mental health and distress from both sociological and psychological perspectives. Examination of the social construction of mental health through time, and consideration of how social and cultural factors such as race, class, and gender intersect with diagnostic paradigms and clinical treatment models employed by practitioners. (F,Y)
 Attributes: 1, CC, DV, H, SO1, SS
 3 Credits

SOCI 21800 Individual and Society (LA)

Focuses on the dynamic relationship between the individual and society and how people, individually and collectively, influence and change society. Beginning with the fundamental and age-old question, How is social order possible?, the course examines the ways groups form and elaborate distinctive codes – norms, roles, and values – as well as the ways groups exert control over members' behavior. This leads to a second set of related questions: What is human nature? How are individuals trained (i.e., socialized) for participation in society and for different positions in society? Students learn that childhood socialization can be powerful and yet can be overwhelmed by situational forces and by various forms of immediate social influence. Explores interaction in everyday life by focusing on a perspective that sees individuals playing an active role in managing their behavior and their emotions. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)
 Attributes: 1, SO, SO4, SS, TIDE
 3 Credits

SOCI 22000 Sociology of Aging (LA)

This course presents the prominent sociological theories and research about aging and the ways in which the experience of aging is socially constructed. Cross-listed with GERO 22000. Students may not receive credit for both SOCI 22000 and GERO 22000. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (F,Y)
 Attributes: CNSL, DV, SO3, SS
 3 Credits

SOCI 22200 Visual Sociology (LA)

Visual sociology focuses on the visual dimensions of social life. It uses the sociological imagination to tell a story visually about social phenomenon such as gender, social status, cultural forms, and other social interactions in spatial contexts. Students learn how to create sociological portraits, to study sociological landscapes, to do studies on social traumas, and to study signs and representations. Students use visual media to communicate sociological understanding to professional and public audiences. This course offers students an opportunity to do qualitative observation and to explore ways in which the visual study of social phenomena contributes to sociological understanding. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)
 Attributes: MAP, SO4, SS
 3 Credits

SOCI 22300 Rich and Poor in the U.S. (LA)

Examination of the causes and consequences of class inequality in the U.S. today. Explores how class is defined, how it functions, and how it is sustained across generations in a purportedly democratic and meritocratic society. Applies a sociological perspective to this exploration, with a focus on the growing gap between rich and poor and the impacts of inequality on daily lives. (IRR)
 Attributes: CNSL
 3 Credits

SOCI 22800 Men's Lives (LA)

Sociological analysis of manhood. Consideration of the dynamics of race, class, historical moment, fatherhood, and sexuality in defining and structuring men's lives. Sociological concepts such as the social construction of gender, ideology, patriarchy, power, roles, and socialization are employed in developing an analysis of men and masculinity. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)
 Attributes: 1, SO4, SS, WGS, WGSC
 3 Credits

SOCI 23500 Selected Topics in Social Institutions and Organizations (LA)

Courses offered within the core areas of sociological inquiry. This course counts toward the social institutions and organizations core area requirement for sociology majors and minors. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)
 Attributes: SO1, SO2, SO3, SO4
 3 Credits

SOCI 23501-23509 Selected Topics in Sociology (LA)

Courses offered on topics of general interest in sociology. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)
 Attributes: SO1, SO2, SO3, SO4
 3 Credits

SOCI 24700 Environmental Sociology (LA)

In this course students examine how ideas about the environment are socially constructed and explore how different values and beliefs contribute to conflicts about conservation, preservation, and the well-being of humans and non-human beings. The course emphasizes the environment as a social issue and as a social problem. Prerequisite: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)

Attributes: ENSS, ESSS, LMEL, LSCO, SO4, SS

3 Credits

SOCI 25000 Gender, The Environment and Global Change (LA)

Explores interconnections between gender and the environment. Studies patriarchy, colonialism, capitalist development, globalization, and environmental crises. Special focus on case studies of social movements that challenge gender hierarchies and environmental degradation, including feminist, indigenous, and environmental justice movements.

Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (FY)

Attributes: ABSS, DV, ENSS, ESSS, LAEL, LAGC, LMEL, LSCO, SO, SO1, TPJ, TQSF, WGS

3 Credits

SOCI 25300 Sociology of Health and Illness (LA)

Examines health and illness from a sociological perspective. Includes understanding how health and illness are socially distributed, how the meanings of health and illness vary by culture, and how people experience health and illness similarly and differently at the intersection of their race, class, and gender locations. Prerequisite: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (FY)

Attributes: DV, LMEL, LSCO, SO2, SS

3 Credits

SOCI 29300 Introduction to Social Institutions and Organizations (LA)

Institutions are social arrangements that, more or less effectively, serve the interests of one or more groups of people. Social institutions include political, economic, health care, and religious systems, as well as the family and formal education. Organizations are the structural arrangements by which individuals encounter these institutions. Students in this course explore the parallels and differences between various types of institutions and organizations. They examine issues of power and ideology that affect institutional and organizational actors, including those with formal authority, subordinates, and clients. Prerequisites: One liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (FY)

Attributes: I, SO, SO3, SS, TPJ

3 Credits

SOCI 30100 Technology and Society (LA)

Study of the kinds of social relationships generated by technology, exploring the following questions: How do technology and social structures relate to each other? What values, beliefs, and ways of thinking create contexts for new technology? How does technology create different values, beliefs, and ways of interpreting the world? How can new technology present opportunities to create different social organization?

Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)

Attributes: ENSS, ESSS, MAP, SO3, SS

3 Credits

SOCI 30200 Sociology of Crime (LA)

Analysis of the social reality of crime and law, the patterns of criminal behavior, the political economy of crime, and the social organization of law enforcement (police arrest, trial, and sentencing). Crime and law are studied as settings in which social and political decisions are made.

Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: LMEL, LSCO, SO2, SS

3 Credits

SOCI 30500 Practicum in Social Change: Urban Mentorship Initiative (NLA)

An academic mentorship program that offers students the opportunity to participate in interdisciplinary coursework and field-based service-learning aimed at supporting underserved youth in their pursuit of higher education. Course includes required participation in a two-day trip (Friday to Saturday) to a partner school. This course is a cross-listed course; students cannot receive credit for both SOCI 30500 and CSCR 30500.

(FY)

Attributes: SL, SO1

3 Credits

SOCI 30800 Counseling Theory and Dynamics (LA)

Presents theories about how people grow and change while increasing students' awareness of how they grow, act, and react in a counseling or helping relationship. Study of how helping people relates to broader societal political issues, and how they connect in a political way to the larger society when engaged in a counseling or helping relationship.

Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (FY)

Attributes: SS

3 Credits

SOCI 30900 Group Counseling (LA)

Provides cognitive and experiential understandings of the function of "helping groups." Students experience how different kinds of helping groups are appropriate for different objectives, while gaining an understanding of the range of skills and knowledge needed to be a competent group leader. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (S,Y)

Attributes: SS

3 Credits

SOCI 31100 Sociological Theory (LA)

Analysis and evaluation of some theories of society. Development of a critical framework within which to generate hypotheses of social structure and social change. Emphasis is placed on the historical and contextual nature of theory. Prerequisites: SOCI 20500. (S,Y)

Attributes: SS

3 Credits

SOCI 31200 Culture and Society: An International Field Experience (LA)

Students meet during the term to analyze social conflicts in a particular country as preparation for a three-week trip following the semester. Focus is on racial and/or ethnic issues as seen through the eyes of residents in the host country. Specific topics vary depending on the host country but usually include internal relations among different groups, themes related to colonization experiences, and the experience of immigrants to the United States. Activities in the host country include class instruction; excursions to archaeological sites, as well as locations of contemporary interest; field trips to museums and colonial areas; and visits to urban and rural sectors. Students are required to pay all travel and trip-related expenses. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (F or S,Y)

Attributes: G, INBG, SO1, SS

3 Credits

SOCI 31600 Women and Health (LA)

Analysis of the conditions for and experiences of women as patients, from birth control to birthing to aging; analysis of women as health care providers, physicians, nurses, lay and alternative healers; and analysis of the women's health care movement. Examination of these issues within a broad historical and comparative framework (e.g., 19th-century feminism, 20th-century third-world activism). Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (S,Y)

Attributes: HE1, SO3, SS, WGS, WGS3

3 Credits

SOCI 31800 Political Sociology (LA)

Explores power and ideology at three levels: (1) the micro level of face-to-face interactions and small groups; (2) the intermediate level of organizations such as local and regional governments, mental institutions, and schools; and (3) the macro level of national societies. Considers how power systems are maintained and the conditions under which they are challenged and changed. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: SO3, SS

3 Credits

SOCI 31900 Cultural Sociology (LA)

This course explores the history of the idea of culture and how culture influences the social world. It examines how cultural ideas are constructed by groups and how they are enacted in everyday life. Students explore the ways in which cultural processes underlie the social organization of public perceptions, actions, and environments.

Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: SO4, SS

3 Credits

SOCI 32100 Punishment in Public Schools (LA)

Examines the social, historical, and political underpinnings of the mass enforcement of zero-tolerance school policies in the U.S., and the resulting creation of punitive schooling regimes. Explores the political and economic contexts of 20th-century punitive school disciplinary policies through a critical framework grounded in contemporary social theories of discipline, power, and academic distinctions. Special attention is paid to issues of race, class, and gender inequality and the administration of discipline across social groups and geographic locales, as well as to alternatives to punitive school policies. Prerequisites: Two SOCI courses, at least one of them at the 200-level. (IRR)

Attributes: CNSL, LXME, SO2

3 Credits

SOCI 32200 Forms of Punishment (LA)

Examination of punishment and its varied forms as defined by the social, political, and economic contexts within which they emerge. Students study asylums, jails, prisons, and other institutional forms of punishment, as well as all nonvoluntary forms of "treatment." Not limited to the study of stone walls and iron bars, as the architecture of power and punishment takes many forms. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: SO3, SS

3 Credits

SOCI 32400 Sociology of Violence (LA)

Examines theoretical frameworks that attempt to illuminate the origins of violence. Interpersonal, group, and collective forms of violence are analyzed; specific types of violence are studied in depth. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)

Attributes: SO4, SS

3 Credits

SOCI 32500 Race, Class, Gender and Sexuality (LA)

This course is taught from the perspective that race, class, gender, and sexuality intersect to form a matrix of domination. The course is designed to help students develop the analytical tools needed to understand this perspective and apply it to specific situations, case studies, or fictional characters. Students will also be encouraged to focus on both privilege and oppression and how they interact with each other. Prerequisites:

One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (S,Y)

Attributes: SO2, SS, WGS, WGS3, WGS1

3 Credits

SOCI 32600 Social Movements (LA)

This course examines the emergence, achievements, failures, and possibilities of social movements in the United States and other countries. Through cases studies, historical documents, and ethnographies, students learn about peoples' struggles in the context of global capitalism, including liberation movements of people of color, workers, women, and indigenous people; they also learn about the lessons these movements offer for social change efforts today.

Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: ADSE, CNSL, DV, ENSS, ESSS, RPRE, SO1, SS, WGS

3 Credits

SOCI 32700 Work and the Family (LA)

Analysis of the impact of work on family dynamics and the impact of family factors on work orientation. Topics include the roles and socialization of provider and homemaker, typologies of work and of family experience, and work and family in various historical periods and classes. Focus on dual-career families and policies regarding work and family.

Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (Y)

Attributes: DV, SO3, SS, WGST

3 Credits

SOCI 32900 Health and the Family (LA)

Examines the meaning of health and illness in the family context and against a shifting backdrop of family policies, healthcare values and goals, and intersecting inequalities. Investigates how we define family and health, how marital status affects health, how health is negotiated among family and community members, and how inequalities shape health opportunities. Includes in-depth interviewing to apply course concepts to one's own health status and family dynamics. Prerequisites:

2 SOCI courses. (IRR)

Attributes: CNSL, WGST

3 Credits

SOCI 33500-33509 Selected Topics in Social Institutions and Organizations (LA)

Courses offered within the core areas of sociological inquiry. This course counts toward the social institutions and organizations core area requirement for sociology majors and minors. Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. (IRR)

Attributes: SO3, SS, WGS, WGS3

3 Credits

SOCI 34000 Essential Issues in Mental Health Treatment (LA)

A theoretical approach to counseling and treatment in long-term therapeutic settings. The prevalence and causes of issues such as substance and sexual abuse, trauma and family violence, and eating disorders, are explored, and treatment modalities are considered with attention to social and cultural diversity and ethical concerns.

Prerequisites: SOCI 21700 or PSYC 21700. (FY)

Attributes: SO4, SS

3 Credits

SOCI 34100 Minorities in the United Kingdom (LA)

A study of ethnic groups in the U.K. (including Indian, black, Cypriot, Irish, and Jewish). The course examines patterns of immigration, integration, and conflict. Comparisons are drawn with minorities in other countries.

Prerequisites: One course in SOCI and one liberal arts course in any of the following departments: ANTH, CMST, CSCR, ECON, EDUC, GERO, HIST, PHIL, POLT, PSYC, SOCI, WGST. Offered only through the London Center. (FS,Y)

Attributes: DV, H, INBG, SS

3 Credits

SOCI 35500 Quantitative Methods (LA)

Topics include the logic of quantitative research, causation, variables and variable construction, questionnaire design, sampling, and univariate and multivariate analysis. Students design and distribute a questionnaire, analyze data, and prepare and present a formal research report.

Prerequisites: SOCI 20500 or GERO 20500. (FY)

Attributes: QL

3 Credits

SOCI 35600 Qualitative Methods (LA)

Introduces students to qualitative research methods including in-depth interviews, ethnographic research, participant observation, and content analysis. Students learn how to sample and recruit subjects, how to develop interview guides, and how to code and analyze qualitative data. Students select one of the qualitative methods to explore an issue of interest to them. Students collect and analyze data and prepare and present a formal research report. Prerequisites: SOCI 20500 or GERO 20500; WRTG 10600, ICSM 10800, or ICSM 11800. (S,Y)

Attributes: WI

3 Credits

SOCI 36200 Not For Sale? The Moral Limits of Markets (LA)

This course foregrounds the intersections of markets and moral norms in the context of contemporary capitalism in the United States. Explores how markets mediate ordinary actions in everyday life, from how people feed and dress themselves to where they live and work, and even to how they travel, play, and care for each other. Examines the moral limits of markets by exploring whether there are cultural boundaries beyond which buying and selling become taboo. Prerequisites: Two SOCI courses. (IRR)

3 Credits

SOCI 36300 Mass Incarceration in The U.S. (LA)

Examination of the phenomenon of mass incarceration in the United States through a sociological lens, with focus on underlying social, political and economic causes. Explores the prison as a physical site of confinement and punishment, disproportionate impacts of the criminal justice system on low income, African American and Latinx communities, and the enduring consequences of incarceration on individuals, families, and communities, from limited labor market options to felony disenfranchisement. Prerequisites: Two SOCI courses, at least one of them at the 200-level. (IRR)

Attributes: SO3

3 Credits

SOCI 40100 Community Organizing (LA)

Designed to teach students about a range of approaches to community organizing. Exposes students to theories of organizing and requires practical fieldwork with a community or campus organization in which classroom instruction, information, and insights are tested and improved. Prerequisites: Three courses in Sociology. (IRR)

Attributes: CNSL, LAGC, SL, SO1, SS

3 Credits

SOCI 40200 Society and Nature (LA)

Explores the assertion that the central activity of the individual and collectivities of individuals must be ecological. Students are asked to investigate their capacity to be ecologically "knowing." What does it mean to define our relationships to the places in which we live? Where is this place? What is a relationship? What does it mean to "know" or to "experience" ecologically? Prerequisites: Three courses in Sociology. (Y)

Attributes: ENSS, ESSS, SS

3 Credits

SOCI 40300 Inquiry and Action for Social Change (LA)

Experiential learning opportunity to engage in community-based research to address community needs and issues, such as poverty, hunger, or racism. Working in project-based research teams, students collaborate with representatives of community organizations to design and carry out projects, applying quantitative and qualitative skills as well as theoretical concepts drawn from participatory action research, feminist research, popular education, and reflective inquiry. Skills developed include team building, data analysis, and assessment in the context of cross-cutting concerns of power, inclusion, cross-cultural competency and ethics. Prerequisites: One course at 200-level or above in ANTH, CSCR, EDUC, ENVS, HLTH, POLT, PSYC, or SOCI. (S)

3 Credits

SOCI 40400 Crisis Intervention (NLA)

Training in specific skills for dealing with people who are experiencing acute crises, with focus on both theory and practice in crisis intervention. Prerequisites: PSYC 34100 or SOCI 30800. (S,Y)

3 Credits

SOCI 40500 Surveillance and Society (LA)

Examines the complex ways in which surveillance technologies and societies (both past and present) interact to produce security, fear, power, and social control. Applying a variety of theories of surveillance, the course investigates surveillance technologies across multiple spheres, including state-building, the workplace, the domestic sphere, and online. With a particular focus on the impact of surveillance on class, gender, and racial formations, students analyze diverse media, including film, reality TV, and social media, to understand perceptions of safety, danger, and the normalization of surveillance technologies in day-to-day lives. Prerequisites: One 300-level SOCI course. (IRR)

Attributes: SO2

3 Credits

SOCI 40600 Sociology of Money (LA)

Explores how to think sociologically about money, value, and capital by examining the social nature of money, its relationship to power and social order, the source of its value, and how it becomes capital. Topics include the difference between tips, gifts, and bribes, and between allowances and salaries, and the larger question of the seemingly magical power of money, whether viewed as a harbinger of freedom or the root of all evil. Prerequisites: One 300-level SOCI course. (IRR)

3 Credits

SOCI 40800 Counseling Methods (NLA)

Focus on how to create a conceptual framework to transform counseling theories into practice. Hands-on skill development in advanced interviewing and counseling techniques that may be applied in real-life settings. Prerequisites: PSYC 34100 or SOCI 30800. (F,Y)

3 Credits

SOCI 40900 Skills for the Helping Professional (NLA)

This course introduces students to theory and practice of psychotherapy and other professional helping relationships. Students learn about counseling, assessment, ethics, and helping skills. This course emphasizes basic and specialized skills necessary to function effectively in a helping relationship. Emphasis is placed upon understanding the nature of the helping process in a practical and applied way. Professional helping is explored in the context of cultural competency and a biopsychosocial viewpoint. Self-exploration and some level of self-disclosure are required inasmuch as effective counseling requires the ability to understand oneself and to articulate personal feelings. Prerequisites: SOCI 21700; PSYC 32100; and PSYC 34100 OR PSYC 34200 (courses may be taken concurrently). (F,S,Y)

3 Credits

SOCI 41000 Feminism, Food, and Health (LA)

Investigates how food consumption and health experiences are shaped by multiple and intersecting inequalities, highlighting the potential of a feminist lens to help us to identify root causes and future solutions to major social problems surrounding food and health. Draws upon on intersectional theory, exploring ways in which gendered experiences intersect with other systems of oppression. Prerequisites: One 300-level SOCI course, or one 300-level course with either a WGS or a WGS1 attribute. (IRR)

Attributes: WGS, WGS1

3 Credits

SOCI 41200 Seminar: The National Health System (LA)

A study of the history, development, and function of the national health system in the context of the welfare state, education, housing, class structure, income, and politics in Great Britain. Comparison of the American and British health care schemes. Prerequisites: Three courses in Sociology. Offered only through the London Center. (F-S,Y)

Attributes: SS

3 Credits

SOCI 41500 Seminar: The Police (LA)

Explores both the problems for society of policing its members and the social meaning of policing as experienced by individuals. Topics include the work of the police, relationships with the legal system, discretion and partiality, and current controversies about undercover operations, the use of deadly force, police crime, etc. Prerequisites: Three courses in Sociology. (Y)

Attributes: SO3, SS

3 Credits

SOCI 41700 Law and Society (LA)

This course provides an overview of social science research on drug use, drug regulation, and media portrayals of drug use. Prerequisites: Three courses in Sociology. (F,Y)

Attributes: SO4, SS

3 Credits

SOCI 42400 Global Sociology (LA)

This course focuses on how people shape global change. The course examines social processes such as colonialism, development, and globalization by studying their institutions, manifestations, and the resistances they provoke. Throughout the course we examine the dynamic relationships between structural processes and resistance, agency and human initiatives. Prerequisites: Three courses in Sociology. (IRR)

Attributes: G, INBG, LAEL, LAGC, SO1, SS, WGS, WGS3, WGS1

3 Credits

SOCI 43500-43507 Selected Topics in Sociology (LA)

Courses offered on topics of general interest in sociology. Prerequisites: Three courses in Sociology. (IRR)

Attributes: MAP, SO1, SO2, SO3, SO4

3 Credits

SOCI 43508-43509 ST: Sociology (LA)

Courses offered on topics of general interest in sociology. Prerequisites: Three courses in Sociology. (IRR)

Attributes: SO1, SO2, SO3, SO4

3 Credits

SOCI 44500 Tutorial in Sociology (LA)

Intensive study of a limited topic with a small group of students.

Prerequisites: One 100-level sociology course; junior or senior standing; three courses in sociology; permission of instructor. (IRR)

Attributes: SO1, SO2, SO3, SO4, WGS1, WI

3 Credits

SOCI 46300 Field Research (LA)

Projects arranged individually at the student's request with individual instructors and with departmental approval. Prerequisites: Three courses in Sociology; permission of instructor. (F-S,Y)

Attributes: SS

1-6 Credits

SOCI 46500 Honors in Sociology I (LA)

The honors program in sociology is a two-semester capstone experience that recognizes the outstanding scholarship of sociology majors and minors. Students accepted into the sociology honors program engage in collaborative research in a new area of study or in a substantial extension of topics as developed in the honors seminar. Criteria for admission to the program: Majors: in sociology, including SOCI 31100 Sociological Theory), SOCI 35000 Research Methods, or MATH 15500 Statistics or equivalent; 3.40 or higher GPA in sociology and 3.00 GPA overall. Minors: in sociology, including SOCI 31100, SOCI 35000, or MATH 15500 or equivalent; 3.60 or higher GPA in sociology and 3.00 GPA overall. Students must complete both SOCI 46500 and SOCI 46600 to be eligible to receive honors in sociology. Prerequisites: Permission of instructor. (F,Y)

Attributes: SS

3 Credits

SOCI 46600 Honors in Sociology II (LA)

The honors program in sociology is a two-semester capstone experience that recognizes outstanding scholarship of sociology majors and minors. Students accepted into the sociology honors program engage in collaborative research in a new area of study or in a substantial extension of topics as developed in the honors seminar. Prerequisites: SOCI 46500; permission of instructor. (S,Y)

Attributes: SS

3 Credits

SOCI 47600-47601 Independent Study in Sociology (LA)

An independent study in sociology is arranged individually between student and instructor. Students are expected to do a sophisticated exploration and analysis of an appropriate topic. A proposal for the topic and specific plans must be approved by the dean's office of the School of Humanities and Sciences. May be repeated for up to twelve credits total. Prerequisites: Three courses in social sciences; permission of instructor. (F-S,Y)

Attributes: SS, WI

1-4 Credits

SOCI 48000 Seminar on the Sociology of Pedagogy (LA)

Designed to supplement the practicum on teaching assistance and is required for teaching assistants in sociology courses. It presents the theoretical approach to teaching generally shared by sociology department faculty. A variety of pedagogical theories, including that of Paulo Freire, are examined using an ongoing analysis of the relationship between educational theories and larger social forces and historical conditions. The seminar meets as four half-day workshops during the semester. The seminar is team-taught by the instructors of courses that use teaching assistants. The format includes didactic presentation of theoretical material and discussion, along with focused papers on the reading. The required reading must be completed before the seminar workshop. In the workshop at the end of the semester, the text material is reviewed with analysis of its application in the teaching assistance experience. Prerequisites: One 100-level sociology course; three upper-level sociology courses; permission of instructor. Corequisites: SOCI 4810(F-S,Y)

Attributes: SS, WGS, WGS3

1 Credit

SOCI 48100 Practicum in Teaching Assistance (NLA)

Leadership skills for leading educational discussion groups. Open to students who are acting as teaching assistants in sociology courses. Prerequisites: One 100-level sociology course; three upper-level sociology courses; permission of instructor. Corequisites: SOCI 48000. (F-S,Y)

2 Credits

SOCI 48200 Research Methods Teaching Assistant (NLA)

Teaching assistants tutor students on topics in the research methods courses. TAs work individually and with small groups of students to help them pursue an original research project. This includes helping students select topics, choose an appropriate method of research, design research tools, and collect, analyze, and present data and findings. TAs assist with class exercises. TAs also comment on drafts of student research papers. Students may repeat the experience one time but may not receive a total of more than Prerequisites: SOCI 35400; permission of instructor. (F-S,Y)

1-4 Credits

SOCI 49800-49801 Internship in Sociology (NLA)

Internships arranged individually at the student's request with an instructor and a sponsoring agency, and with departmental approval. Also offered through the London Center by special permission. Prerequisites: Sociology majors, sociology minors or counseling minors; senior standing; permission of instructor. (F-S)

1-12 Credits

Sociology Major – B.A.

Summary

Code	Title	Credits
	Sociology B.A. Major Requirements	42
	Integrative Core Curriculum Requirements ¹	29-41
	Electives	37-49
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
CORE COURSES		
SOCI 1xxxx	Any 100-level sociology course	3
SOCI 20500	Sociological Inquiries	3
SOCI 31100	Sociological Theory	3
SOCI 35500	Quantitative Methods	3
SOCI 35600	Qualitative Methods	3
SOCIOLOGY ELECTIVES		
Additional sociology courses meeting the following criteria:		27
•Three courses (6 credits) at the 200-level		
•Three courses (9 credits) at the 300-level (excluding SOCI 31100, SOCI 35500, and SOCI 35600)		
•Three courses (9 credits) at the 400-level (at least 3 credits must be from SOCI 40100 to SOCI 44500) ¹		
SOCI XXXXX One elective course (3 credits) at any level.		
Total Credits		42

¹ Only 3 credits of teaching assistant courses (SOCI 48000, SOCI 48100, SOCI 48200) or internships (SOCI 49800) may be applied toward the 400-level requirement.

Core Areas of Sociological Inquiry

Social Change

A core question in sociology concerns how societies change and develop. Sociologists study social transformations as they affect and are affected by individuals, institutions, and societies. They explore relationships among human agency and social structures, or institutions such as colonialism, capitalism, racism, families, and religions. Key considerations include how change is documented and assessed, as well as how change is mobilized through activism, community organizing, social movements and revolutions, development, and globalization. Courses in this area encourage students to use sociology as a tool for analyzing, envisioning, and engaging in social change.

Inequality

The understanding of inequality, its origins, and its effects on life chances is a core consideration in the discipline of sociology. Courses in this area examine the processes by which inequalities are created and maintained, focusing on interpersonal relations, institutionalized practices, and linkages with global economic, political, and cultural relations. Courses also address issues of privilege and exploitation and how these processes are linked to social class, race, ethnicity, gender, sexualities, age, abilities, and other socially constructed divisions between people.

Social Institutions and Organizations

Institutions and organizations provide social arrangements that shape the operations of political, economic, health care, and religious systems as well as families and schools. Courses in this area examine issues of power and ideology that affect institutional and organizational practices, including bureaucratic structures, organizational cultures, authority systems, and the reciprocating relationships between individuals, organizations, and their environments. Students also explore the ways in which institutions and organizations help shape, and in turn are shaped by, the lives and decisions of their members.

Individuals, Culture, and Society

Culture provides a framework for creating meaning and influencing action. Sociological analysis of how these meanings are constructed and negotiated leads to interesting observations of how facts are created and the effects that taken-for-granted arrangements have on individual beliefs, collective actions, agency, and communal life. Courses in this area illuminate the cultural texture of social life at both the individual and collective levels.

Sociology Minor Requirements

Code	Title	Credits
SOCI 1xxxx	Any 100-level sociology course	3
SOCI xxxxx	Sociology electives that meet the following criteria:	18
•at least 3 credits at the 300-level		
•at least 3 credits at the 400-level (from SOCI 40100 to SOCI 46600)		
Total Credits		21

Department of Theatre Arts

Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science

Steven TenEyck, Professor and Chair

Cynthia Henderson, Professor and Associate Chair

The Department of Theatre Arts offers curricula leading to the bachelor of arts in theatre studies, the bachelor of science in theatre arts management, and the bachelor of fine arts in acting, musical theatre, stage management, or theatre production and design (with concentrations in theatre design or technology). The B.F.A. degree in musical theatre is offered jointly by the Department of Theatre Arts and the School of Music. It is administered by the Department of Theatre Arts. For information about each major, contact the degree coordinator listed on the department website (<https://www.ithaca.edu/academics/school-humanities-and-sciences/theatre-arts/faculty-staff/leadership/>).

The bachelor of arts degree combines interdisciplinary training in theatre with a broad-based liberal arts education. This degree prepares the student for advanced study and a wide variety of careers in the theatre.

The bachelor of science degree combines intensive training in all aspects of theatre management with a well-rounded education in the liberal arts. This is accomplished through formal classwork in the Department of Theatre Arts, School of Business, the Roy H. Park School of Communications, internships, and required co-curricular practicum assignments managing operations of Ithaca College Theatre.

The bachelor of fine arts degree in musical theatre offers intensive pre-professional study, training, and experience in a variety of acting, singing, music and dance styles designed to prepare students for careers in musical theatre.

The bachelor of fine arts degree in acting offers intensive pre-professional study, training, and experience in a variety of acting styles and prepares students for careers in theatre and media.

The bachelor of fine arts degree in stage management is a student-centered pre-professional program that combines hands-on experience and theory with a liberal arts education.

The bachelor of fine arts degree in theatre production and design offers pre-professional intensive training with concentrations in theatre design and technical production.

Admission to the B.F.A. performance degrees requires an audition; admission to the B.F.A. stage management and theatre production and design and B.A. and B.S. degrees requires an interview with members of the theatre arts faculty. Once admitted, continuing majors participate in departmental review processes. These reviews of performance are presented to the faculty for ongoing evaluation of their progress and determine the student's eligibility to continue in the program.

London Program

The Department of Theatre Arts collaborates with the Ithaca College London Center to offer a variety of courses and experiences integrating British drama and culture. Please refer to the International Programs section or see course descriptions.

Majors & Minors

- Acting Major — B.F.A. (p. 553)
- Musical Theatre Major — B.F.A. (p. 554)
- Stage Management — B.F.A. (p. 555)
- Theatre Arts Management Major — B.S. (p. 556)
- Theatre Production and Design Major — B.F.A. (p. 557)
- Theatre Studies Major — B.A. (p. 558)
- Theatre Minor (p. 559)
- Dance Minor (p. 559)

Subjects in this department include: Theatre Arts (THEA) (p. 545) and Dance (DNCE) (p. 552)

Theatre Arts (THEA)

THEA 10000 Introduction to the Theatre (LA)

Survey of theatre practices and principles in the various aspects of theatrical production. Examination of how plays are constructed, using examples from different eras of the world theatre. Occasional guest speakers. Required attendance at selected productions. (F-S,Y)

Attributes: 3B, FA

3 Credits

THEA 10100 Introduction to Technical Theatre (NLA)

Introduction to all aspects of physical production including: scenery, costumes, lighting, sound, properties, paint, and stage management.

Corequisites: THEA 10200. (S,Y)

2 Credits

THEA 10200-10205 Technical Theatre Practicum (NLA)

Introductory participation in technical production activities for the department. May be repeated for a total of eight credits. (F-S,Y)

1 Credit

THEA 10300 Costume Construction for Non-Majors (NLA)

Introduction to the tools, supplies, and techniques of costume construction with an emphasis placed on developing basic skills. Not open to majors in Theatre Production and Design. (IRR)

3 Credits

THEA 10400 Introduction to Theatrical Design (LA)

Introduction to the theories and methodologies of theatrical design, including the areas of scenic, costume, lighting, and sound design.

Focuses on the analysis, interpretation, visualization and auralization of dramatic work. (F-S,Y)

Attributes: 3B, FA

3 Credits

THEA 10900 Introduction to Musical Theatre Performance (NLA)

Introduction, exploration, and integration of basic musical and theatre performance skills, through the selection, analysis, rehearsal, and presentation of scenes from musicals. Not open to B.F.A. musical theatre majors; admission by audition. Prerequisite: permission of instructor. (S,Y)

3 Credits

THEA 11000 Theatre Production I (NLA)

Introductory participation in technical and design production activities.

Prepares students for crew, supervision. May be repeated once.

Prerequisites: B.F.A. theatre production & design majors only. (F,S,Y)

1 Credit

THEA 11100 Theatrical Drafting and Model Building (NLA)

Introductory studio course in theatrical drafting and scale model construction. Emphasis on use of drafting tools, interpretation and execution of ground plans, sections and elevations, model materials and scale construction tools. Prerequisites: B.F.A. theatre production & design majors only. (S,Y)

3 Credits

THEA 11200 Production and Scenic Technology (NLA)

Introduction to and practical experience in general theatre technology and scenery construction, including: theatre geography and machinery, tools, shop and safety procedures. Prerequisites: B.F.A. theatre production & design majors only. (F,Y)

3 Credits

THEA 11300 Costume Technology (NLA)

Introduction to practical experience in general costume technology and construction including sewing, patterning, and fabrics. Prepares students for costume project management. Prerequisites: B.F.A. theatre production & design majors only. (F,Y)

3 Credits

THEA 11400 Lighting and Sound Technology (NLA)

Introduction to and practical experience in theatre lighting and sound technologies, including: basic electrical principles, installation and use of theatre equipment, and the responsibilities and duties of a theatrical master electrician and sound engineer. Prerequisites: B.F.A. theatre production & design majors only. (S,Y)

3 Credits

THEA 11600 Theatrical Properties and Scenic Art (NLA)

Introduction to and practical experience in theatre properties and scenic painting, including: production, materials and techniques. Prerequisites: B.F.A. theatre production & design majors only. (S,Y)

3 Credits

THEA 12000 Theatrical Design Foundations (LA)

An in-depth foundational introduction to the art of theatrical design, focusing on the theories, methodologies and techniques used by professional scenic, costume, lighting and sound designers. Focus on the analysis, interpretation, visualization and auralization of dramatic work, as well as on the approaches necessary to communicate the designer's analysis and interpretation of dramatic works. Prerequisites: B.F.A. theatre production & design majors only. (F,Y)

Attributes: FA

3 Credits

THEA 13000 Script Analysis for the Theatre (LA)

Close examination of the play script/libretto as the basic element in theatre. Study of the script/libretto as the diagram for theatrical production. Texts drawn from classics and contemporary theatre; assignments include oral discussion, and written analyses of scripts/librettos. Prerequisites: Theatre arts major. (F,Y)

Attributes: 3A, 3B, FA, G, H

3 Credits

THEA 13100 Acting I (LA)

Introduction to the art of acting, with an emphasis placed on acting technique and study of scenes and/or monologues. (F,S,Y)

Attributes: 3B, CA, FA, TIDE, TMBS

3 Credits

THEA 13200 Acting II (LA)

Continued exploration of acting technique and study of scenes and/or monologues. Prerequisites: THEA 13100. (F-S,Y)

Attributes: 3B, FA

3 Credits

THEA 13300 Scene Study I (LA)

Study of fundamental theories, vocabularies, and methodologies of acting techniques. Class discussion, readings, analysis of dramatic texts and active learning assignments prepare the student for the rehearsal and performance of scenes. Prerequisites: B.F.A. acting and musical theatre majors only. Corequisite: THEA 13500. (F,Y)

Attributes: FA

2 Credits

THEA 13400 Scene Study II (LA)

Continuation of THEA 13300. Further study of fundamental theories, vocabularies, and methodologies of acting techniques to prepare for rehearsal and performance of scenes. Emphasis placed on more complex analysis of scenes and characters. Prerequisites: B.F.A. acting or musical theatre majors only; THEA 13300. Corequisites: THEA 13600. (S,Y)

Attributes: FA

3 Credits

THEA 13500 Voice and Movement for the Stage I (NLA)

Laboratory in concentration and self-awareness through physical awareness, control, and flexibility -- the dynamics necessary for the creation of a strong voice and stage presence. Prerequisites: B.F.A. acting or musical theatre major. Corequisite: THEA 13300. (F,Y)

2 Credits

THEA 13600 Voice and Movement for the Stage II (NLA)

Continuation of laboratory in concentration and self-awareness for the creation of a strong voice and stage presence. Prerequisite: B.F.A. acting or musical theatre major and THEA 13500. Corequisite: THEA 13400. (S,Y)

2 Credits

THEA 13700 Stage Combat (NLA)

Training in hand-to-hand stage combat techniques and choreography. Offered only in the London Center. Prerequisites: Theatre Arts major. (F-S, Y)

1 Credit

THEA 13900-13915 Rehearsal and Performance (NLA)

Laboratory participation in rehearsal and performance of a major departmental production. Students receive credit for assignments in acting or musical performance. Music students must enroll in MUMC 14000. Evaluated by the faculty member in charge of the designated areas of specialization. Evaluation is based on degree of professional attitude and quality of performance. May be repeated for a total of eight credits. Prerequisites: Appropriate academic and performance courses relative to the student's activity and/or successful audition for assignment to the major production. (F-S, Y)

0-2 Credits

THEA 15000 Theatre Management Practicum (NLA)

Laboratory participation in management activities for the department. Evaluation by the faculty member in charge is based on the degree of professional attitude, activity, and performance. May be repeated for a maximum of nine credits. Prerequisites: Permission of instructor. (F-S,Y)

1-3 Credits

THEA 15100 Theatre Studies Foundations (LA)

This course is the foundation to the academic and professional field of Theatre Studies. Students consider scripts and performances from a variety of dramaturgical and cultural perspectives and through different lenses. Course content explores major components, historical moments and conventions of theatre; current professional options for Theatre Studies majors; race and gender theory and their influence on theatre. The course culminates in a student-created performance. (F,Y)

3 Credits

THEA 16000 Stage Management Practicum 1 (NLA)

Introductory observation of stage management for department productions. Prepares students for supporting roles in stage management. May be taken twice for one credit. (F,S,Y)

1 Credit

THEA 16100 Stage Management Foundations (NLA)

An in-depth foundational introduction to the art and practice of stage management, focusing on the organizational and communication procedures applied in collaborative theatre production and the methodologies and techniques used by professional stage managers. (F,Y)

1.5 Credits

THEA 19100 Theatre for Social Change (LA)

Explores the research and practice of socially engaged performance, focusing on the ways in which theatre can function to call attention to invisible power structures and encourage the dismantling of oppressive practices. Reviews diverse philosophies and practices of applied theatre and performance, and examines how these practices are applied in clinical, educational, and community settings. Includes opportunities for self-reflection, examination of current issues affecting communities both locally and globally, and consideration of theatre as part of the call to action work supporting societal change. (F,S,Y)

Attributes: CA, TIDE

3 Credits

THEA 19800 The Others: Class, Race, Gender in Drama and Performance (LA)

Provides a broad introduction to theatre and performance studies, examining issues of class, race and gender, while questioning and unpacking the concept of "the others." Explores connections between play analysis, performance theory, and theatre history while discussing dramatic texts and performances, and encouraging an on-going debate about the role of college students as citizen-artists in the global society. (IRR)

3 Credits

THEA 20100 Introduction to Puppetry (LA)

Introduction to the art of puppetry, including performance techniques. Exploration of history of puppetry and puppets across cultures. Involves research, design, creation and manipulation of puppets. Prerequisites: Sophomore standing. (IRR)

Attributes: FA

3 Credits

THEA 20300 Theatrical Makeup (NLA)

Study of materials and principles governing the application of theatrical makeup. (IRR)

1 Credit

THEA 21000 Theatre Production II (NLA)

Technical supervision or design assignment in production for the department. May be repeated twice for a maximum of four credits.

Prerequisites: B.F.A. theatre production & design majors only; THEA 11000; sophomore standing. (F,S,Y)

2 Credits

THEA 21200 Software for the Theatre (NLA)

Instruction in computer software specific to a particular theatrical discipline. Emphasis placed on developing and demonstrating skills in industry standard applications. May be repeated once for a total of three credits. Prerequisites: THEA 12000 and sophomore standing. (S,Y)

1.5 Credits

THEA 21300 AutoCAD for the Theatre (NLA)

Computer-aided drafting for the theatre involving electronic manipulation of lines, drawings, and symbols to convey visual ideas for construction and layout using AutoCAD software. Emphasis is placed on the aesthetic application of the computer as a drafting tool for theatre. Prerequisites: THEA 11100 and THEA 12000. (S,Y)

1.5 Credits

THEA 22000 Vectorworks for the Theatre (NLA)

Instruction in computer applications involving the digital manipulation of lines, drawings, images and symbols in both 2D and 3D to convey visual ideas for design presentation using Vectorworks. Emphasis placed on the aesthetic application of the computer as a design tool for theatre.

Prerequisites: THEA 11100 and THEA 12000. (S,Y)

1.5 Credits

THEA 22100 Renderworks for the Theatre (NLA)

Instruction in computer sketching and rendering including textures, lighting, viewports etc. to convey visual ideas for design presentation using Renderworks. Emphasis placed on the aesthetic application of the computer as a design tool for theatre. Prerequisites: THEA 22000; open only to BFA students in Theatrical Production Arts or Theatre Production and Design. (S,Y)

1.5 Credits

THEA 22200 Scenic Design (LA)

Analysis and interpretation of dramatic works in the discipline of scenic design. Script analysis, research, conceptualization, model making, and drawing, etc., are used to refine and present design ideas. Combines lecture with studio practice. Prerequisites: THEA 11100 and THEA 12000. (F,Y)

Attributes: FA

3 Credits

THEA 22300 Costume Design (LA)

Analysis and interpretation of dramatic works in the discipline of costume design. Script analysis, character analysis, research, composition, etc., are combined to present and refine the design ideas. Combines lecture with studio practice. Prerequisites: THEA 12000. (F,Y)

Attributes: FA

3 Credits

THEA 22400 Lighting Design (LA)

Analysis and interpretation of dramatic works in the discipline of lighting design. Script analysis, research, conceptualization, drafting and demonstration, etc., will be used to refine and present design ideas. Combines lecture with studio practice. Prerequisites: THEA 11400 and THEA 12000. (F,Y)

Attributes: FA

3 Credits

THEA 22500 Sound Design (LA)

Analysis and interpretation of dramatic works in the discipline of sound design. Script analysis, research, conceptualization, aural storytelling and studio technique, etc., are used to refine and present design ideas. Combines lecture with studio practice. Prerequisites: TVR 27100; or THEA 11400 and THEA 12000. (F,Y)

Attributes: FA

3 Credits

THEA 23000 Introduction to British Styles of Acting (LA)

Introductory survey of the considerations necessary for understanding and performing scenes from British drama of the Shakespearean, high comedy, and contemporary styles. Not open to acting majors. Offered only at the London Center. Prerequisites: THEA 13100. (F,S,Y)

Attributes: FA

3 Credits

THEA 23100 Acting III (LA)

Intensive examination of the practical aspects of acting. Application of techniques of personalization, plot objectives, and characterization; presentation of monologues and duet scenes. Prerequisites: Grade of B or better in THEA 13200. (F,Y)

Attributes: FA

3 Credits

THEA 23200 Acting IV (LA)

Continued intensive examination of the practical aspects of acting. Application of techniques of personalization, plot objectives, and characterization; presentation of monologues and duet scenes. Prerequisites: Grade of B or better in THEA 23100. (S,Y)

Attributes: FA

3 Credits

THEA 23300 Scene Study III (LA)

Intermediate study of theories, vocabularies, and methodologies of acting techniques to prepare for rehearsal and performance of scenes. Emphasis is placed on textual analysis and the transformation of actor into character. B.F.A. acting or musical theatre majors only. Prerequisites: THEA 13400 and THEA 13600. Corequisites: THEA 23500 and THEA 23700. (F,Y)
Attributes: FA
3 Credits

THEA 23400 Scene Study IV (LA)

Continuation of THEA 23300. Further intermediate study of theories, vocabularies, and methodologies of acting techniques to prepare for rehearsal and performance of scenes and monologues. Emphasis is placed on the integration of cumulative research, analysis, and performance skills in the development of fully realized characterizations. Prerequisites: B.F.A. acting and musical theatre majors only; THEA 23300. Corequisites: THEA 23600 and THEA 23800. (S,Y)
Attributes: FA
3 Credits

THEA 23500 Voice and Speech for the Stage I (NLA)

Study and exercise in the techniques of effective stage speech. Organic awareness used to attain lively, flexible, and natural vocal abilities. Prerequisites: B.F.A. acting or musical theatre major and THEA 13600. Corequisites: THEA 23300 and THEA 23700. (F,Y)
1.5 Credits

THEA 23600 Voice and Speech for the Stage II (NLA)

Continuation of study and exercise in the techniques of effective stage speech. Organic awareness used to attain lively, flexible, and natural vocal abilities. Prerequisites: B.F.A. acting or musical theatre major and THEA 23500. Corequisites: THEA 23400 and THEA 23800. (S,Y)
1.5 Credits

THEA 23700 Movement for the Stage I (NLA)

Study and exercise in techniques of effective stage movement, utilizing organic awareness, flexibility, and imagination to develop stage presence and characterization skills. Prerequisites: B.F.A. acting or musical theatre major and THEA 13600. Corequisites: THEA 23300 and THEA 23500. (F,Y)
1.5 Credits

THEA 23800 Movement for the Stage II (NLA)

Continued study and exercise in techniques of effective stage movement and characterization skills. Prerequisites: B.F.A. acting or musical theatre major and THEA 23700. Corequisites: THEA 23400 and THEA 23600. (S,Y)
1.5 Credits

THEA 23900 The Alexander Technique (NLA)

The Alexander technique is a mind-body learning process developed by F. M. Alexander, an Australian actor. Through discussion, self-awareness activities, selected readings, and gentle, hands-on teaching, this course explores his ideas for increasing kinesthetic awareness as a skill for improving ease and freedom of movement for the performer and non-performer alike. Prerequisites: Sophomore standing. (IRR)
2 Credits

THEA 24100 History of Theatre I (LA)

Evolution of drama and the theatre from its ancient beginning through later developments in Greece, Rome, and medieval and Elizabethan England to the 18th century. Prerequisites: Sophomore standing. (F,Y)
Attributes: 3B, CSA, DV, G, H, HU
3 Credits

THEA 24200 History of Theatre II (LA)

Continuing study of the evolution of drama and the theatre commencing in the 18th century and continuing through the eras of modern drama, theatre between the wars and after, to the late 20th century. Prerequisites: Sophomore standing. (S,Y)
Attributes: 3B, G, H, HU
3 Credits

THEA 25000 Promotion and Publicity for the Performing Arts (NLA)

Study of marketing and publicity strategies, concepts, designs, and implementation plans used by performing arts organizations to attract and maintain a loyal customer base. Exploration of contemporary trends in bringing art and audiences together. Prerequisites: Sophomore standing; THEA 13000. (F,Y)
3 Credits

THEA 25100 Theatre Organization and Management (NLA)

Examines the organizational structure of the non-profit regional theater and other non-profit performing arts organizations. From management structure to intellectual property law, students will gain fundamental knowledge to work successfully in the non-profit performing arts sector. Prerequisites: Sophomore standing. (F-S,Y)
3 Credits

THEA 26000 Stage Management Practicum II (NLA)

Practical experience serving in a supporting role on a stage management team for the department's productions. May be taken twice for credit. Prerequisites: THEA 16000 and THEA 16100. (F,S,Y)
2 Credits

THEA 26100 Stage Management (NLA)

Exploration of the management skills, operational techniques, and practices of stage management, from pre-rehearsal through postproduction. (E,F)
3 Credits

THEA 27800-27809 Special Liberal Arts Topics: Theatre (LA)

Topics of special interest in theatre, such as focused study of genre, playwrights, eras, or contemporary developments in theatre. These topics are liberal arts in nature. Students may take more than one special topics course for credit. (IRR)
Attributes: UND
1-3 Credits

THEA 27900-27905 Special Topics: Applied Theatre (NLA)

Topics of current interest in applied theatre, such as special problems in theatre, production, guest artist workshop, or contemporary developments in arts management. These topics are non liberal arts in nature. Students may take more than one special topics course for credit. (IRR)
1-3 Credits

THEA 30600 Introduction to Directing (LA)

Study of the basic principles and problems involved in directing plays and musicals, including those peculiar to amateur productions. Offered either block I or block II, fall semester. For non-theatre majors; recommended for speech communication and music education majors. Prerequisites: Junior standing. (IRR)
Attributes: FA
2 Credits

THEA 31000 Theatre Production III (NLA)

Advanced technical supervision or design assignment in production for the department. May be repeated for a maximum of six credits.
Prerequisites: THEA 21000; junior standing; B.F.A. theatre production & design majors only. (F,S,Y)
3 Credits

THEA 31100 Advanced Costume Crafts (NLA)

Advanced study and practical experience in the tools and techniques used in theatrical costume crafts, including: advanced sewing and patterning techniques, millinery, dyeing and painting fabric, and thermoplastics. Prerequisites: THEA 10300 or THEA 11300. (F,Y)
3 Credits

THEA 31200 Advanced Scenic Technology (NLA)

Advanced study and practical experience in the tools and techniques used in theatrical scenery technology, including: complex construction techniques, theatrical metal working, rigging for the theatre and moving scenery systems. Prerequisites: THEA 11100; THEA 11200; THEA 21000. (S, Y)
3 Credits

THEA 31300 Advanced Costume Construction (NLA)

Advanced study and practical experience in the tools and techniques used in theatrical costume construction, including: patterning, draping, pattern drafting, and tailoring/sewing skills. Prerequisites: THEA 11300; junior standing. (S,Y)
3 Credits

THEA 31400 Advanced Lighting Technology (NLA)

Advanced study and practical experience in the tools and techniques used in theatrical lighting technology, including: advanced console programming, moving light technology and projections. Prerequisites: THEA 11400 and THEA 21000. (F,Y)
3 Credits

THEA 31500 Advanced Sound Technology (NLA)

Advanced study and practical experience in the tools and techniques used in theatrical sound technology, including: examination of the acoustic and electrical basis of sound and audio, the structure of audio systems, and the practical use of audio equipment. Prerequisites: MUMC 24800 or MUMC 25000, or TVR 27100, or both THEA 11400 and THEA 21000 (may be taken concurrently). (F,Y)
3 Credits

THEA 31600 Advanced Theatrical Properties (NLA)

Advanced study and practical experience in the tools and techniques used in theatrical properties technology, including: furniture construction, upholstery and mold making techniques. Prerequisites: THEA 11600; THEA 21000. (F,Y)
3 Credits

THEA 31700 Advanced Scenic Art (NLA)

Advanced study and practical experience in the tools and techniques used in theatrical scenic painting, including: faux finishes, translucencies, trompe l'oeil, and large scale projects. Prerequisites: THEA 11600 and THEA 21000 (can be taken concurrently). (F,Y)
3 Credits

THEA 31900 Technical Direction for the Theatre (NLA)

Advanced study of the theory and practice of technical direction for the theatre, involving scenery building techniques and technical specifications, construction drafting, budget and time analysis, and management techniques. Prerequisites: THEA 31200. (S,Y)
3 Credits

THEA 32200 Advanced Scenic Design (LA)

Advanced study of the art of scenic design, examining complex and varied forms of dramatic works. Prerequisites: THEA 22200. (S, Y)
Attributes: FA
3 Credits

THEA 32300 Advanced Costume Design (LA)

Advanced study of the art of costume design, examining complex and varied forms of dramatic works. Prerequisites: THEA 22300. (S,Y)
Attributes: FA
3 Credits

THEA 32400 Advanced Lighting Design (LA)

Advanced study of the art of lighting design, examining complex and varied forms of dramatic works. Prerequisites: THEA 22400. (S,Y)
Attributes: FA
3 Credits

THEA 32500 Advanced Sound Design (LA)

Advanced study of the art of sound design, examining complex and varied forms of dramatic works. Prerequisites: THEA 22500 and THEA 31500. (S,Y)
Attributes: FA
3 Credits

THEA 33100 Styles of Acting: The Greeks and Shakespeare (NLA)

Study and practice of acting technique appropriate to performing Greek tragedy and Shakespeare. Prerequisites: B.F.A acting or musical theatre major and THEA 23300. (F,S,Y)
Attributes: CSA
3 Credits

THEA 33200 Styles of Acting: Farce and High Comedy (NLA)

Study and practice of acting technique appropriate to performing farce and comedy of manners. Prerequisites: B.F.A acting or musical theatre major and THEA 23300. Also offered through the London Center. (S, Y)
3 Credits

THEA 33300 Fundamentals of Musical Theatre Song Performance (LA)

A team-taught, interdisciplinary, performance-oriented course focusing on the examination and performance of the musical theatre song and the integration of music and theatre skills. Prerequisites: B.F.A. musical theatre major; junior standing. (F, Y)
Attributes: FA
2 Credits

THEA 33500 Advanced Voice and Speech for the Stage (NLA)

Advanced and specialized studies in voice production, speech sounds, and articulation. Open to BFA musical theatre majors on a space available basis, by permission of instructor. Prerequisites: B.F.A acting major; THEA 23600. (F,Y)
3 Credits

THEA 33600 Dialects for the Stage (NLA)

Study of dialects as a tool for characterization. Open to BFA musical theatre majors on a space available basis, by permission of instructor. Prerequisites: B.F.A acting major; THEA 23600. (S,Y)
3 Credits

THEA 34300 History of Costume and Decor I (LA)

Analyzes the aesthetics of various cultures and institutions as reflected in the apparel and objects of daily life. Also examines the cultural influences (religious, political, economic, etc.) on those aesthetics. Prerequisites: Sophomore standing; B.F.A. theatre production & design majors only, or permission of instructor. (F,Y)
Attributes: 3B, FA, G, H
3 Credits

THEA 34400 History of Costume and Decor II (LA)

Analyzes the aesthetics of various cultures and institutions as reflected in the apparel and objects of daily life. Also examines the cultural influences (religious, political, economic, etc.) on those aesthetics. B.F.A. theatre production & design majors only. Prerequisites: THEA 34300. (S,Y)
Attributes: 3B, FA, G, H
3 Credits

THEA 34500 London Theatre and Culture – Walking Tour (LA)

Weekly guided on-site tours of historic and cultural areas of London, and visits to museums and exhibitions that play a significant role in London theatre. Offered only through the London Center. Lab fee applies. Pass/Fail only. (F,S,Y)
3 Credits

THEA 34700 London Theatre Immersion (LA)

Analyzes the role of theatre in contemporary society through the study of dramatic literature and live performance. Offered only through the London Center. Additional course fees for performances. Students cannot receive credit for both THEA 34700 and THEA 34900. Prerequisites: Junior standing; Theatre Arts majors only. (F-S,Y)
Attributes: 3B, G, WI
6 Credits

THEA 34800 Drama and the London Theatre (LA)

Study of drama and performance involving current productions on the London stage. Critical analysis of the texts prior to performance. Offered only through the London Center. Additional course fees apply. This course is intended as a general education course; Theatre Arts students may not enroll in this course. Prerequisites: Junior standing. (F-S,Y)
Attributes: 3B, FA, G, H
3 Credits

THEA 35100 Fund-Raising for the Performing Arts (NLA)

Examines the concepts, tools, and current environment of philanthropy as it pertains to the nonprofit performing arts industry. Explores individual, corporate, foundation, and government giving trends and the methods used to solicit support for the performing arts, including case statements, proposal writing, communication campaigns, direct mail, special events, and the Internet. Prerequisites: Junior standing; THEA 25100 with a minimum grade of B- or above. (S,Y)
3 Credits

THEA 35200 Producing Theatre (NLA)

Examines the role of the producer in commercial and nonprofit theatre productions in the United States. Follows current trends in producing Broadway, off-Broadway, and regional theatre and explores the industry's unions and trade associations. Prerequisites: Junior standing; THEA 25100 with a minimum grade of B- or above. (F,Y)
3 Credits

THEA 35400 Playwriting I (LA)

Preparation of a one-act play from germinal idea to completed script. Analysis of dramaturgical theory and technique, including plot, characterization, and dialogue. Prerequisites: THEA 10000 or THEA 13000. (F,S,Y)
Attributes: FA
3 Credits

THEA 35500 Directing I (LA)

An introduction to the fundamental tools of stage direction. Prerequisites: THEA 13000, THEA 13100 or THEA 13300; sophomore standing. (F-S,Y)
Attributes: FA
3 Credits

THEA 35600 Directing II (LA)

The application of fundamental directing tools in a laboratory environment, culminating in the rehearsal and performance of a short scene. Prerequisites: Theatre Studies major and final grade of B or above in THEA 35500; or permission of instructor. (S,Y)
Attributes: FA
3 Credits

THEA 35700 Dramaturgy I (LA)

This course provides a comprehensive overview of the various functions and practices of the discipline of dramaturgy. Starting with the history of dramaturgy, the course explores core practices such as production dramaturgy, new play development, literary management, season planning, and the role of the dramaturg in adaptation. Students develop skills in critical reading, production research, audience outreach, collaboration with directors and playwrights, and the application of dramaturgical perspectives towards creative endeavors. Prerequisites: THEA 24100; THEA 24200. (S,Y)
Attributes: HU
3 Credits

THEA 36000 Stage Management Practicum III (NLA)

Practical experience serving in a primary role on a stage management team for the department's productions. May be taken twice for credit. Prerequisites: THEA 26000 and THEA 26100. (F,S,Y)
3 Credits

THEA 36100 Advanced Stage Management (NLA)

Development and practical application of advanced management skills, operational techniques, and practices of stage management, from pre-rehearsal through postproduction. Prerequisites: THEA 26100. (S,Y)
3 Credits

THEA 37000 Theatre Workshop (LA)

Performance-oriented ensemble under a supervising professor specializing in a particular type of theatre, such as music theatre, Shakespeare, mime, or story theatre. No two workshops may be taken concurrently. Audition required. May be repeated for total of eight credits concentrated in one type of workshop or distributed among several. Prerequisites: Permission of instructor. (IRR)
Attributes: FA
2 Credits

THEA 40000 Transition to the Profession (NLA)

Week-long intensive professional preparation experience in New York City. Students network with alumni, attend theatrical productions, meet with professionals in theatre and allied industries in preparation to enter the profession. (S,Y)
0-1 Credits

THEA 41000 Theatre Production IV (NLA)

The capstone experience for B.F.A. theatre production & design majors. Students undertake a significant and substantial assignment in production for the department. May be repeated for a maximum of six credits. B.F.A. theatre production & design majors only. Prerequisites: THEA 31000; senior standing. (F-S,Y)
3 Credits

THEA 41100 Technical Seminar (NLA)

Research-based exploration of specific technical challenges, techniques, equipment or material related to specific technical theater areas. B.F.A. theatre production & design majors only. Prerequisites: Senior standing. (F,Y)
Attributes: CP
3 Credits

THEA 41200 Design Seminar (NLA)

Research into the expectations of the industry in the student's theatrical discipline leading to the creation of an effective resume, physical portfolio, and website portfolio for the profession or advanced study.

Prerequisites: BFA Theatrical production and design majors; senior standing. (F,Y)

Attributes: CP

3 Credits

THEA 43000 Audition Techniques (NLA)

Training and practice in selecting, preparing, and presenting audition material. Open to BFA musical theatre majors on a space available basis only, by permission of instructor. Prerequisites: B.F.A acting major or B.F.A. musical theatre major; THEA 33100, 33200 (may be taken concurrently). (F,Y)

2 Credits

THEA 43100 Acting for the Camera (NLA)

Stage-oriented performers learn and practice acting techniques appropriate to video performance in collaboration with student and faculty directors. Open to B.F.A. musical theatre majors on a space available basis, with permission of instructor. Prerequisites: B.F.A acting majors; THEA 33200. (F,S,Y)

3 Credits

THEA 43300 Musical Theatre Workshop: Repertoire and Style (LA)

A team-taught, interdisciplinary, performance-oriented course focusing on building repertoire and the application of musical theatre skills in small and large ensemble work. Prerequisites: Senior standing; B.F.A musical theatre major; theatre arts major or School of Music voice major by permission of instructor and audition only. (S,Y)

Attributes: FA

2 Credits

THEA 43400 Musical Theatre Workshop: Audition and Advanced (LA)

A team-taught, interdisciplinary, performance-oriented course focusing on audition techniques and advanced skills for the musical theatre performer. Prerequisites: Senior standing; theatre arts major or voice major from the School of Music; permission of instructor and by audition only. (F,Y)

Attributes: FA

2 Credits

THEA 43500 Advanced Scene Study (NLA)

Advanced study and application of theories, vocabularies, and methodologies of acting techniques for rehearsal and performance of scenes and monologues. Prerequisites: THEA 33100; THEA 33200; or instructor permission. (F)

3 Credits

THEA 43600 Theatre Showcase (NLA)

Preparation of audition materials for BFA Musical Theatre and BFA Acting students culminating in a theatre industry showcase with invited professionals. Prerequisites: Permission of instructor. (S,Y)

Attributes: CP

0-1 Credits

THEA 44100 Contemporary Developments in Theatre (LA)

Study of the history of dramatic art from 1950 to the present, including movements in dramatic literature, theory, and production. Prerequisites: Senior standing; THEA 24100 and THEA 24200. (F,S,Y)

Attributes: HU

3 Credits

THEA 44300 Aesthetics and Criticism of Drama (LA)

Survey of major critical and aesthetic theories of drama, from the classic to the contemporary theatre, applied to representative dramatic compositions. Students prepare and present written assignments.

Prerequisites: Senior standing; THEA 24100 and THEA 24200. (IRR)

Attributes: HU

3 Credits

THEA 44400 Senior Seminar (LA)

Students do appropriate historical, cultural, and/or literary research on selected topics. Prerequisites: THEA 10000 or THEA 13000; THEA 24100 or THEA 24200; ENGL 31100 or ENGL 31200; senior standing. (IRR)

Attributes: HU

3 Credits

THEA 44500 Theatre Studies Capstone (LA)

The culminating course for Theatre Studies majors. Students will consider through class discussion and assignments how their major coursework has prepared them for the theatre profession and the course additionally prepares students for reflecting upon the entirety of their Ithaca College experience. Prerequisites: Senior standing. (S,Y)

Attributes: CP, UND

1 Credit

THEA 44600 Theories of Performance (LA)

An overview of the full range of performance theory from popular entertainment to the performances of everyday life. Prerequisites:

THEA 24100 and THEA 24200; senior standing. (F-S,Y)

Attributes: HU

3 Credits

THEA 45000 Senior Project in Theatre Arts Management (NLA)

Qualified senior students undertake a major theatre management assignment under the supervision of a faculty specialist. Prerequisites: Senior standing in the theatre arts management program; permission of the program coordinator. (IRR,Y)

3 Credits

THEA 45400 Playwriting II (LA)

Writing of a full-length play. Class discussion and analysis of student writing, supplemented by individual conferences with instructor.

Prerequisites: THEA 35400. (S,Y)

Attributes: FA

3 Credits

THEA 45500 Senior Project in Directing (NLA)

Senior theatre arts majors select and rehearse a one-hour production performed for an audience under studio performance conditions.

Prerequisites: THEA 35600; senior standing; theatre arts major; approval of departmental chair and curriculum committee. (F-S,Y)

3 Credits

THEA 45700 Dramaturgy II (LA)

Building on THEA 35700 Dramaturgy I, this course deepens the study of dramaturgy. Students refine their skills in production research, gain insight into international and non-conventional practices of dramaturgy, and apply dramaturgical practices in devised theatre and new play development. The course includes experiential assignments in production dramaturgy and theatre criticism. Prerequisites: THEA 35700. (S,Y)

3 Credits

THEA 46000 Stage Management Practicum IV (NLA)

Practical experience leading a stage management team for the department's productions. May be taken twice for credit. Prerequisites:

THEA 36000 and THEA 36100. (F,S,Y)

3 Credits

THEA 46100 Stage Management Seminar (NLA)

The culminating course for Stage Management majors. Students will consider through class discussion and assignments how their major coursework has prepared them for the theatre profession and the course additionally prepares students for reflecting upon the entirety of their Ithaca College experience. Co-requisites: THEA 46000. (F,Y)
1.5 Credits

THEA 47000 Theatre Workshop (LA)

Performance-oriented ensemble under a supervising professor specializing in a particular type of theatre, such as music theatre, Shakespeare, mime, or story theatre. No two workshops may be taken concurrently. Audition required. May be repeated for total of eight credits concentrated in one type of workshop or distributed among several.

Prerequisites: Permission of instructor. (IRR)

Attributes: FA

2 Credits

THEA 47800-47805 Special Topics: Theatre (LA)

Topics of special interest in theatre, such as focused study of genre, playwrights, eras or contemporary developments in theatre. These topics are liberal arts in nature. Students may take more than one special topics course for credit. (IRR)

Attributes: UND

1-3 Credits

THEA 47900-47905 Special Topics: Applied Theatre (NLA)

Topics of current interest in applied theatre, such as special problems in theatre production, guest artist workshop, or contemporary developments in arts management. These topics are non liberal arts in nature. Students may take more than one special topics course for credit. (IRR)

1-3 Credits

THEA 48000-48005 Senior Ensemble (NLA)

Preparation and/or presentation of a broad repertoire of projects through special workshops and field studies. Prerequisites: Theatre arts major; senior standing; audition and/or interview. 0.0-(S,Y)

0-1 Credits

THEA 48400 Professional Aspects of Theatre (NLA)

Advanced course designed for those intending to enter the professional theatre. Special projects in the study of current plays and in the preparation of interviews, resumes portfolios and auditions.

Prerequisites: THEA 25100. (IRR)

2 Credits

THEA 49000-49005 Theatre Projects (NLA)

Independent pursuit of applied production projects. May be repeated for a total of six credits. Prerequisites: Junior or senior standing; by special permission of departmental curriculum committee. (F-S,Y)

1-4 Credits

THEA 49100-49105 Professional Internship Theatre (NLA)

A one-semester internship with a professional performing arts organization. Student's work is monitored and evaluated by faculty adviser. Also offered through the London Center. Prerequisites: Junior standing; departmental permission. Maximum of (F, S, Y)

1-12 Credits

THEA 49900-49905 Independent Study: Theatre (LA)

Special reading and research under the supervision of the department. Also offered through the London Center. May be repeated for a total of six credits. Prerequisites: Junior or senior standing; special permission of departmental curriculum committee. (F-S,Y)

1-4 Credits

Dance (DNCE)

DNCE 10000 Introduction to Dance (LA)

Survey of the varied forms and styles of social, spiritual, and theatrical dance. Lecture, discussion, and film viewing provide a fundamental understanding of the development of dance forms and a foundation for evaluation and criticism of dance performance in society. (F,Y)

Attributes: 3B, FA

3 Credits

DNCE 11100 Ballet I (NLA)

Introductory analysis and practice of ballet technique. Students develop an understanding of fundamental ballet technique and terminology, body awareness, elasticity and rhythmic sense. May be repeated four times. (F,Y)

1 Credit

DNCE 11200 Ballet II (NLA)

Continuation of DNCE 11100. Further analysis and practice of ballet technique. Students develop a deeper concentration in and understanding of fundamental ballet technique and terminology. Building of strength through flexibility and coordination. May be repeated four times. Prerequisites: DNCE 11100 or permission of instructor. (S,Y)

1 Credit

DNCE 12100 Modern Dance I (NLA)

Introductory analysis and practice of modern dance technique. Students develop an understanding of body awareness and fundamentals of improvisation. Emphasis is placed on expressive body movement, warm-up exercises, and basic principles of form and improvisation. May be repeated four times. (F,Y)

1 Credit

DNCE 12200 Modern Dance II (NLA)

Continuation of DNCE 12100. Further analysis and practice of modern dance technique. Students develop a deeper concentration in and understanding of body awareness and fundamentals of improvisation. May be repeated four times. Prerequisites: DNCE 12100 or permission of instructor. (S,Y)

1 Credit

DNCE 13100 Jazz Dance I (NLA)

Introductory analysis and practice of jazz dance technique for theatre performance. Students develop an understanding of fundamental movement principles, technique, and terminology. May be repeated four times. (F,Y)

1 Credit

DNCE 13200 Jazz Dance II (NLA)

Continuation of DNCE 13100. Further analysis and practice of jazz dance technique for theatre performance. Students develop a deeper concentration in and understanding of fundamental jazz movement principles. May be repeated four times. Prerequisites: DNCE 13100 or permission of instructor. (S,Y)

1 Credit

DNCE 14100 Tap Dance I (NLA)

Introductory analysis and practice in tap dance technique. Students develop an understanding of tap dance styles, history of tap dance in stage and film, and terminology. May be repeated four times. (F,Y)

1 Credit

DNCE 14200 Tap Dance II (NLA)

Continuation of DNCE 14100. Further analysis and practice of tap dance technique. Students develop a deeper concentration in and understanding of fundamental principles, technique, and terminology. May be repeated four times. Prerequisites: DNCE 14100 or permission of instructor. (S,Y)

1 Credit

DNCE 21100 Ballet III (NLA)

Continuation of DNCE 11200. Intermediate analysis and practice of ballet technique. Further development in building strength through flexibility and coordination. May be repeated four times. Prerequisites: DNCE 11200 or permission of instructor. (F,S,Y)

1 Credit

DNCE 22100 Modern Dance III (NLA)

Continuation of DNCE 12200. Intermediate analysis and practice of modern dance technique. Further development of skills in selected styles and techniques in the modern idiom. May be repeated four times. Prerequisites: DNCE 12200 or permission of instructor. (S,Y)

1 Credit

DNCE 23100 Jazz Dance III (NLA)

Continuation of DNCE 13200. Intermediate work in analysis and practice of jazz dance technique in theatre performance, building on skills developed in beginning jazz and ballet classes. May be repeated four times. Prerequisites: DNCE 13200 and DNCE 21100 (may be taken concurrently), or permission of instructor. (F,Y)

1 Credit

DNCE 24100 Tap Dance III (NLA)

Intermediate course in tap technique designed to broaden awareness and skill in tap dance for stage and film. May be repeated four times. Prerequisites: DNCE 14200. (F,Y)

1 Credit

DNCE 30100 Survey of Dance History (LA)

Examines origins and development of ballet and modern dance in Western societies, considering the artistic, political, philosophical, religious and social forces that influenced the art form. Prerequisites: junior standing. (S,O)

Attributes: 3B, G, H, HU

3 Credits

DNCE 30200 Dance Composition (LA)

Introduction to dance composition theory through original movements studies composed by students. Explore concepts of movement designed in time and space, as well as dynamics, rhythm and motivation.

Prerequisites: two courses of 200-level dance technique selected from DNCE 21100, DNCE 22100, DNCE 23100, or DNCE 24100. (S,E)

Attributes: CCCS, FA

3 Credits

DNCE 31100 Ballet IV (NLA)

Advanced technique course focusing on complex movements that strengthen the body and mind connection and increase personal expressiveness and artistry as a ballet dancer. May be repeated four times. Prerequisites: DNCE 21100 or permission of instructor. (F,S,Y)

1 Credit

DNCE 31200 Ballet IV with Pointe (NLA)

Advanced technique course, including pointe work, with emphasis on barre and center work. Focus on development of leg strength and learning variations from full length ballets. Prerequisites: DNCE 21100; permission of instructor. (F,S,Y)

1.5 Credits

DNCE 32100 Modern Dance IV (NLA)

Advanced technique course focusing on modern dance skills designed to broaden the student's awareness of selected styles and technique in the modern idiom. May be repeated four times. Prerequisites: DNCE 22100 or permission of instructor. (S,Y)

1 Credit

DNCE 33100 Jazz Dance IV (NLA)

Advanced course in analysis and practice of jazz dance for theatre performance. May be repeated four times. Prerequisites: DNCE 23100 or permission of instructor. (S,Y)

1 Credit

DNCE 34100 Tap Dance IV (NLA)

Advanced course in tap technique designed to broaden awareness and skill in tap dance for stage and film. May be repeated four times. Prerequisites: DNCE 24100 or permission of instructor. (S,Y)

1 Credit

DNCE 35100 Advanced Dance Technique (NLA)

Ongoing dance and movement practice for the advanced level pre-professional dancer. Focus is on integration of dance and movement skills with special attention on deepening the understanding and application of core strength with a wide range of movement and choreographic possibilities. Students are accepted into the course by audition. The course is repeatable up to four times. Prerequisites: Permission of instructor. (F,S,Y)

1 Credit

DNCE 36100 Dance for the Musical Stage I (LA)

Advanced course in the techniques, forms, and styles of dance in musical theatre. Movement studies are performed to familiarize students with a variety of musical theatre dance styles focusing on mid 19th through early 20th century dance forms. Survey of the early history of dance in the American musical theatre through readings, lectures, class discussions, student research, and films. Prerequisites: two courses of 200-level dance technique selected from DNCE 21100, DNCE 22100, DNCE 23100, or DNCE 24100, or permission of instructor. (F,Y)

Attributes: FA

2 Credits

DNCE 36200 Dance for the Musical Stage II (LA)

Advanced course in the techniques, forms, and styles of dance in musical theatre. Movement studies are performed to familiarize students with a variety of musical theatre dance styles focusing on 20th century dance forms. Survey of the development of dance in the American musical theatre through the present day, through readings, lectures, class discussions, student research and films. Prerequisites: two courses of 200-level dance technique selected from DNCE 21100, DNCE 22100, or DNCE 23100 (may be taken concurrently), or permission of instructor. (S,Y)

Attributes: FA

2 Credits

Acting Major – B.F.A.

Summary

Code	Title	Credits
	Acting B.F.A. Major Requirements	84-87.5
	Integrative Core Curriculum Requirements ¹	23-35
	Electives	0-13
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
FOUNDATION COURSES		
THEA 10100	Introduction to Technical Theatre	2
THEA 102xx	Technical Theatre Practicum (must be taken three times for a total of 3 credits)	3
THEA 13000	Script Analysis for the Theatre	3
THEA 24100	History of Theatre I	3
THEA 24200	History of Theatre II	3
THEA 25100	Theatre Organization and Management	3
THEA 35500	Directing I	3
ENGL 21900	Shakespeare	3
ENGL 31100	Dramatic Literature I	3
ENGL 31200	Dramatic Literature II	3-6
	or THEA 34700 London Theatre Immersion	
THEA 44100	Contemporary Developments in Theatre	3
	or THEA 44400 Senior Seminar	
	or THEA 44600 Theories of Performance	
ACTING, VOICE, MOVEMENT, AND DANCE COURSES		
THEA 13300	Scene Study I	2
THEA 13400	Scene Study II	3
THEA 13500	Voice and Movement for the Stage I	2
THEA 13600	Voice and Movement for the Stage II	2
THEA 23300	Scene Study III	3
THEA 23400	Scene Study IV	3
THEA 23500	Voice and Speech for the Stage I	1.5
THEA 23600	Voice and Speech for the Stage II	1.5
THEA 23700	Movement for the Stage I	1.5
THEA 23800	Movement for the Stage II	1.5
THEA 33100	Styles of Acting: The Greeks and Shakespeare	3
THEA 33200	Styles of Acting: Farce and High Comedy	3
THEA 33500	Advanced Voice and Speech for the Stage	3
THEA 33600	Dialects for the Stage	3
THEA 43100	Acting for the Camera	3
THEA 43000	Audition Techniques	2
DNCE xxxxx	Select three classes of dance technique ^{1, 2}	3-3.5
ELECTIVES IN THE DEPARTMENT		
THEA xxxxx or DNCE xxxxx	Electives in theatre arts or dance ¹	11
Total Credits		84-87.5

¹ Dance courses must be at the appropriate level, determined in consultation with dance faculty members.

² DNCE 10000, DNCE 30100, and DNCE 30200 may not count toward this requirement. THEA 13700 Stage Combat and THEA 23900 Alexander Technique may count toward this requirement. In addition, PALS 01500 Fencing, PALS 09000 Personal Defense, PALS 09300 Personal Fitness, or PALS 05900 Gymnastics Activities, may be substituted for up to 1 credit of dance with approval of program adviser.

Musical Theatre Major — B.F.A.

The B.F.A. in Musical Theatre is offered in collaboration with the School of Music. The student is admitted to the major in musical theatre following a successful audition with members of the theatre faculty.

Summary

Code	Title	Credits
Theatre and Dance Requirements for the Musical Theatre B.F.A.		64-67
Music Requirements for the Musical Theatre B.F.A.		33
Integrative Core Curriculum Requirements ¹		17-29
Electives		2-6
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
FOUNDATION COURSES		
THEA 10100	Introduction to Technical Theatre	2
THEA 102xx	Technical Theatre Practicum (must be taken two times)	2
THEA 13000	Script Analysis for the Theatre	3
THEA 24100	History of Theatre I	3
THEA 24200	History of Theatre II	3
Select one of the following:		3-6
ENGL 31100	Dramatic Literature I	
ENGL 31200	Dramatic Literature II	
THEA 34700	London Theatre Immersion	
ACTING, VOICE, AND MOVEMENT COURSES		
THEA 13300	Scene Study I	2
THEA 13400	Scene Study II	3
THEA 13500	Voice and Movement for the Stage I	2
THEA 13600	Voice and Movement for the Stage II	2
THEA 23300	Scene Study III	3
THEA 23400	Scene Study IV	3
THEA 23500	Voice and Speech for the Stage I	1.5
THEA 23600	Voice and Speech for the Stage II	1.5
THEA 23700	Movement for the Stage I	1.5
THEA 23800	Movement for the Stage II	1.5
THEA 33300	Fundamentals of Musical Theatre Song Performance	2
THEA 33100	Styles of Acting: The Greeks and Shakespeare	3
THEA 33200	Styles of Acting: Farce and High Comedy	3

THEA 43300	Musical Theatre Workshop: Repertoire and Style	2
THEA 43400	Musical Theatre Workshop: Audition and Advanced	2
DANCE COURSES		
DNCE 11100	Ballet I	1
DNCE 11200	Ballet II	1
DNCE 21100	Ballet III	1
DNCE 12100	Modern Dance I	1
DNCE 12200	Modern Dance II	1
DNCE 13100	Jazz Dance I	1
DNCE 13200	Jazz Dance II	1
DNCE 14100	Tap Dance I	1
DNCE 14200	Tap Dance II	1
DNCE 36100	Dance for the Musical Stage I	2
DNCE 36200	Dance for the Musical Stage II	2
Select two courses of DNCE at level-2 or higher:		2
DNCE 31100	Ballet IV	
DNCE 22100	Modern Dance III	
DNCE 32100	Modern Dance IV	
DNCE 23100	Jazz Dance III	
DNCE 33100	Jazz Dance IV	
DNCE 24100	Tap Dance III	
DNCE 34100	Tap Dance IV	
DNCE 35100	Advanced Dance Technique	
MUSIC REQUIREMENTS		
MUNM 10400	Basic Materials of Music	2
MUNM 10600	Basic Music Skills for Musical Theatre Majors	1
MUNM 17100	Keyboard Musicianship I for Musical Theater Majors	1
MUNM 17200	Keyboard Musicianship II for Musical Theater Majors	1
MUNM 22100	Musicianship for the Theater I	3
MUNM 22200	Musicianship for the Theater II	3
MUNM 35100	American Musical Theater: History and Analysis	3
Vocal Study		
PFMJ 19900	Performance Repertoire and Pedagogy (eight semesters)	4
PFMJ 10100	Voice I - Music Major	3
PFMJ 20100	Voice II - Music Majors	4
PFMJ 30100	Voice III - Music Majors	4
PFMJ 40100	Voice IV - Music Majors	4
Total Credits		97-100

Stage Management – B.F.A.

The student is admitted to the major in B.F.A. Stage Management following a successful interview with members of the theatre faculty.

Summary

Code	Title	Credits
	Stage Management BFA Major Requirements	83
	Integrative Core Curriculum ¹	17-31
	Electives	1-20
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/#integrativecorecurriculumicctext>)

Degree Requirements

Code	Title	Credits
FOUNDATION COURSES		
THEA 13000	Script Analysis for the Theatre	3
THEA 13100	Acting I	3
THEA 24100	History of Theatre I	3
THEA 24200	History of Theatre II	3
THEA 35500	Directing I	3
Select two courses of the following:		6
ENGL 21900	Shakespeare	
ENGL 31100	Dramatic Literature I	
ENGL 31200	Dramatic Literature II	
ENGL 36800	Dangerous Women in Dramatic Literature	
THEA 34700	London Theatre Immersion (only three credits of this course may count toward this requirement)	
PRODUCTION AND DESIGN REQUIREMENT		
THEA 102xx	Technical Theatre Practicum (must be taken twice)	2
THEA 11200	Production and Scenic Technology	3
THEA 11400	Lighting and Sound Technology	3
THEA 11300	Costume Technology	3
or THEA 11600	Theatrical Properties and Scenic Art	
THEA 12000	Theatrical Design Foundations	3
Select two of the following:		6
THEA 22200	Scenic Design	
THEA 22300	Costume Design	
THEA 22400	Lighting Design	
THEA 22500	Sound Design	
STAGE MANAGEMENT REQUIREMENTS		
THEA 16000	Stage Management Practicum 1	1
THEA 26000	Stage Management Practicum 2	4
THEA 36000	Stage Management Practicum 3	3
THEA 46000	Stage Management Practicum 4	6
THEA 16100	Stage Management Foundations	1.5
THEA 21200	Software for the Theatre (must be taken twice)	3
THEA 25100	Theatre Organization and Management	3
THEA 26100	Stage Management	3

THEA 36100	Advanced Stage Management	3
THEA 46100	Stage Management Seminar	1.5

Music

Select one performance course: 1

MUNM 10300	Campus Band
MUNM 10302	Ithaca College Campus Choral Ensemble
MUNM 10304	Ithaca College Sinfonietta
MUNM 10308	West African Drumming and Dance Ensemble

Select one music literature course: 3

MUNM 13000	Music in Society
MUNM 14000	Rock Styles Since 1955
MUNM 16100	Worlds of Music
MUNM 16400	British Popular Music
MUNM 25100	Music and the Media
MUNM 25500	Women in Music
MUNM 25600	Women in Popular Music: From Bessie Smith to MTV
MUNM 25800	Music of Latin America
MUNM 25900	African American Popular Music: Blues to Hip Hop

Communications

Select one of the following: 3

CMST 11000	Public Communication
CMST 11500	Business & Professional Comm
CMST 14000	Small Group Communication
CMST 14900	Fundamentals of Interpersonal Communication
STCM 10300	Introduction to Strategic Communication
STCM 10800	Communication in Organizations

Equity, Diversity, Inclusion

CSCR xxxxx or WGST xxxxx	Select one 3-credit course in the Center for the Study of Race, Culture and Ethnicity, or in Women's and Gender Studies	3
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Note: With guidance from their faculty adviser, students may select courses in other departments at IC that meet the goals of this requirement; alternative courses may be substituted for this requirement with permission of the program coordinator.

Business Practices

Select one of the following: 3

ECON 12100	Principles of Macroeconomics
ECON 12200	Principles of Microeconomics
MGMT 11100	Introduction to Business
GBUS 20300	Legal Environment of Business I
MGMT 20600	Organizational Behavior and Management

Total Credits 83

Theatre Arts Management Major — B.S.

The student is admitted to the major in theatre arts management following a successful interview with members of the theatre faculty.

Summary

Code	Title	Credits
Theatre Arts Management B.S. Major Requirements		80-85
Integrative Core Curriculum Requirements ¹		23-35
Electives		0-17
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
FOUNDATION COURSES		
THEA 10100	Introduction to Technical Theatre	2
THEA 102xx	Technical Theatre Practicum (must be taken three times for a total of 3 credits)	3
THEA 10400	Introduction to Theatrical Design	3
THEA 13000	Script Analysis for the Theatre	3
THEA 13100	Acting I	3
THEA 24100	History of Theatre I	3
THEA 24200	History of Theatre II	3
THEA 35500	Directing I	3
THEA 44100	Contemporary Developments in Theatre	3
ENGL 31100	Dramatic Literature I	3
Select one of the following:		3-6
ENGL 31200	Dramatic Literature II	
ENGL 21900	Shakespeare	
THEA 34700	London Theatre Immersion	
THEA 34800	Drama and the London Theatre	

THEATRE MANAGEMENT COURSES

THEA 15000	Theatre Management Practicum (must be taken three times for a total of three credits)	3
THEA 25000	Promotion and Publicity for the Performing Arts	3
THEA 25100	Theatre Organization and Management	3
THEA 35100	Fund-Raising for the Performing Arts	3
THEA 35200	Producing Theatre	3
THEA 491xx	Professional Internship Theatre	3

BUSINESS COURSES

COMP 11000	Computers and Information Technologies	3-4
or COMP 10500Introduction to Website Development		
or COMP 17100Principles of Computing Science I		
CMST 11500	Business & Professional Comm	3
or WRTG 21100Writing for the Workplace		

ECON 12100	Principles of Macroeconomics	3
ECON 12200	Principles of Microeconomics	3
MATH 10500	Mathematics for Decision Making	3-4
	or MATH 10800 Applied Calculus	
STCM 24100	Advertising	3
ACCT 22500	Financial Accounting	3
ACCT 22600	Management Accounting	3
GBUS 20300	Legal Environment of Business I	3
MGMT 20600	Organizational Behavior and Management	3
Total Credits		80-85

Theatre Production and Design Major – B.F.A.

Summary

Code	Title	Credits
Theatre Production and Design B.F.A. Major Requirements		84-98
Integrative Core Curriculum Requirements ¹		17-29
Electives		0-19
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
FOUNDATION COURSES		
THEA 13000	Script Analysis for the Theatre	3
THEA 13100	Acting I	3
THEA 24100	History of Theatre I	3
THEA 24200	History of Theatre II	3
Select two of the following:		6
ENGL 21900	Shakespeare	
ENGL 31100	Dramatic Literature I	
ENGL 31200	Dramatic Literature II	
THEA 34700	London Theatre Immersion	
PRODUCTION AND DESIGN COURSES		
THEA 11000	Theatre Production I (must be taken for two semesters)	2
THEA 11100	Theatrical Drafting and Model Building	3
THEA 11200	Production and Scenic Technology	3
THEA 11300	Costume Technology	3
THEA 11400	Lighting and Sound Technology	3
THEA 11600	Theatrical Properties and Scenic Art	3
THEA 12000	Theatrical Design Foundations	3
THEA 21000	Theatre Production II (must be taken for two semesters)	4
THEA 31000	Theatre Production III	3
THEA 34300	History of Costume and Decor I	3
THEA 34400	History of Costume and Decor II	3
THEA 41000	Theatre Production IV (must be taken for two semesters)	6

Select two of the following:		6
THEA 22200	Scenic Design	
THEA 22300	Costume Design	
THEA 22400	Lighting Design	
THEA 22500	Sound Design	
THEA 26100	Stage Management	
Select one of the following:		3
THEA 32200	Advanced Scenic Design	
THEA 32300	Advanced Costume Design	
THEA 32400	Advanced Lighting Design	
THEA 32500	Advanced Sound Design	

CONCENTRATION REQUIREMENTS

Students must select a concentration in Design or in Technology (requirements listed below)	18-32
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Total Credits	84-98
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Code	Title	Credits
Technology Concentration Requirements		
THEA 41100	Technical Seminar	3
Select a total of three credits of the following:		3
THEA 21200	Software for the Theatre	
THEA 22000	Vectorworks for the Theatre	
Select four of the following:		12
THEA 31200	Advanced Scenic Technology	
THEA 31300	Advanced Costume Construction	
THEA 31400	Advanced Lighting Technology	
THEA 31500	Advanced Sound Technology	
THEA 31600	Advanced Theatrical Properties	
THEA 31700	Advanced Scenic Art	
THEA 31900	Technical Direction for the Theatre	

Total Credits	18
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Code	Title	Credits
Design Concentration Requirements		
THEA 35500	Directing I	3
THEA 41200	Design Seminar	3
Select one course not taken as part of the Production and Design requirements:		3
THEA 22200	Scenic Design	
THEA 22300	Costume Design	
THEA 22400	Lighting Design	
THEA 22500	Sound Design	

BASIC SKILLS

Select 6-7 credits from the following:		6-7
ART 11xxx	Any 100-level Drawing course	
ART 21200	Intermediate Drawing: The Figure	
MUMC 14500	Introduction to Electroacoustic Music	
MUMC 24800	Digital Sound Production	
MUMC 25000	Digital Recording and Editing	
MUNM 17300	Keyboard Musicianship I for the Non-Music Major	
MUNM 17400	Keyboard Musicianship II for the Non-Music Major	

COMPLEMENTARY SKILLS		
Select at least three credits from the following:		3
ART xxxxx	Advanced Art Studio	
THEA 21200	Software for the Theatre (may be taken up to two times)	
THEA 22000	Vectorworks for the Theatre	
ADVANCED DESIGN		
Select one course not taken as part of the Production and Design requirements:		3
THEA 32200	Advanced Scenic Design	
THEA 32300	Advanced Costume Design	
THEA 32400	Advanced Lighting Design	
THEA 32500	Advanced Sound Design	
INTERDISCIPLINARY VISUAL AND AURAL HISTORY		
Select 6-7 credits of the following:		6-7
ARTH xxxxx	Any course in art history	
MUTH 12100	Introduction to Musical Styles	
JAZZ 16100	Survey of Black American Folk Music History	
MUNM 13000	Music in Society	
MUNM 14000	Rock Styles Since 1955	
MUNM 16100	Worlds of Music	
MUNM 16300	Music in London	
MUNM 25100	Music and the Media	
MUNM 25300	Involvement with Music	
MUNM 25500	Women in Music	
MUNM 25600	Women in Popular Music: From Bessie Smith to MTV	
MUNM 25700	History of American Popular Song	
MUNM 25800	Music of Latin America	
MUNM 25900	African American Popular Music: Blues to Hip Hop	
MUNM 35100	American Musical Theater: History and Analysis	
ADVANCED TECHNOLOGY		
Select one of the following:		3
THEA 31200	Advanced Scenic Technology	
THEA 31300	Advanced Costume Construction	
THEA 31400	Advanced Lighting Technology	
THEA 31500	Advanced Sound Technology	
THEA 31600	Advanced Theatrical Properties	
THEA 31700	Advanced Scenic Art	
Total Credits		30-32

Theatre Studies Major – B.A.

The student is admitted to the major in theatre studies following a successful interview with members of the theatre faculty.

Summary

Code	Title	Credits
Theatre Studies B.A. Major Requirements		51-60
Integrative Core Curriculum Requirements ¹		28-40

Electives	20-41
Total Credits	120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/#integrativecorecurriculumicctext>)

Degree Requirements

Code	Title	Credits
FOUNDATION COURSES		
THEA 10100	Introduction to Technical Theatre	2
THEA 102xx	Technical Theatre Practicum (must be taken three times)	3
THEA 10400	Introduction to Theatrical Design	3
THEA 13000	Script Analysis for the Theatre	3
THEA 13100	Acting I	3
THEA 15100	Theatre Studies Foundations	3
THEA 24100	History of Theatre I	3
THEA 24200	History of Theatre II	3
THEA 25100	Theatre Organization and Management	3
Dramatic Literature		
ENGL 31100	Dramatic Literature I	3
Select two of the following:		6
ENGL 21900	Shakespeare	
ENGL 31200	Dramatic Literature II	
ENGL 36800	Dangerous Women in Dramatic Literature	
THEA 34700	London Theatre Immersion	
PRACTICE		
THEA 35400	Playwriting I	3
THEA 35500	Directing I	3
THEA 35700	Dramaturgy I	3
Select one of the following:		3
THEA 45400	Playwriting II	
THEA 35600	Directing II	
THEA 45700	Dramaturgy II	
THEORY		
Select one of the following:		3
THEA 44100	Contemporary Developments in Theatre	
THEA 44400	Senior Seminar	
THEA 44600	Theories of Performance	
CAPSTONE		
THEA 44500	Theatre Studies Capstone	1
LANGUAGE REQUIREMENT		
Select one of the following options:		0 - 6
Second language study up to and including the advanced beginner level (10200) or demonstrated proficiency		
Study abroad in a non-English speaking country		
TOTAL CREDITS		51 - 60

Theatre Minor

The theatre minor provides an option for students who may not want to be theatre arts majors but wish to take theatre courses, be guided in course selection, and receive recognition for their studies. Minors must be declared through consultation with the department office. Before declaring the minor, students must have completed, or be registered in, THEA 10000, THEA 10100 and THEA 102xx .

Requirements

Code	Title	Credits
FOUNDATION COURSES		
THEA 10000	Introduction to the Theatre	3
THEA 10100	Introduction to Technical Theatre	2
THEA 102xx	Technical Theatre Practicum	1
THEA 13100	Acting I	3
THEATRE ELECTIVES		
THEA xxxxx	Any six credits of THEA courses not restricted to majors	6
COMMUNICATION STUDIES OR THEATRE ELECTIVE		3
Select one of the following:		
CMST 23000	Analysis and Performance of Literature	
CMST 33300	Analysis and Performance of Prose	
CMST 33400	Group Performance of Literature	
CMST 33500	Analysis and Performance of Poetry	
THEA xxxxx	Any THEA course not restricted to majors	
Total Credits		18

Dance Minor

The dance minor combines technique with academic study. It is intended to supplement majors in related fields such as theatre, music or physical and occupational therapy.

Students must audition into the minor to determine placement in the appropriate level of technique (the program expects that students have achieved sufficient proficiency in Modern and Ballet to be enrolled in technique classes at level 3). Auditions are scheduled through the theatre department office.

Requirements

Code	Title	Credits
FOUNDATION COURSES		
DNCE 10000	Introduction to Dance	3
DNCE 30100	Survey of Dance History	3
DNCE 30200	Dance Composition	3
CORE TECHNIQUE COURSES		
DNCE 21100	Ballet III (two semesters)	2
DNCE 22100	Modern Dance III (two semesters)	2
ADDITIONAL TECHNIQUE COURSES		
Select two credits from the following:		2
DNCE 13100	Jazz Dance I	
DNCE 13200	Jazz Dance II	
DNCE 14100	Tap Dance I	
DNCE 14200	Tap Dance II	

DNCE 23100	Jazz Dance III
DNCE 24100	Tap Dance III
DNCE 31100	Ballet IV
DNCE 31200	Ballet IV with Pointe
DNCE 32100	Modern Dance IV
DNCE 33100	Jazz Dance IV
DNCE 34100	Tap Dance IV
DNCE 35100	Advanced Dance Technique
DNCE 36100	Dance for the Musical Stage I
DNCE 36200	Dance for the Musical Stage II

Total Credits 15

Women's, Gender, and Sexuality Studies

Bachelor of Arts

Claire Gleitman, Professor of Literatures in English and Coordinator of Women's and Gender Studies

Women's and Gender Studies is a flexible interdisciplinary program that provides students with the opportunity for feminist study, research, internships, and community involvement. In the program, students investigate how gender and sexuality are constructed and how they interact with other social categories, such as race, class and nationality. Students can explore psychology, sociology, politics, history, literature, and art (among other disciplines) through the lens of feminist, critical race, and queer studies. Our classes promote an ongoing interrogation of power and privilege, and an understanding of how gendered inequalities are perpetuated, maintained, and subverted. We support intellectual projects and activities that foster community on our campus, and that contribute to the production of knowledge about women, gender and sexuality from an intersectional perspective. Students are able to declare a major in Women's, Gender, and Sexualities Studies or a minor in Women's and Gender Studies.

- Women's, Gender, and Sexuality Studies - B.A. (p. 560)
- Women's and Gender Studies Minor (p. 561)

WGST 10000 Introduction to Women's and Gender Studies (LA)

Women's and gender studies provides a critical perspective that examines the world and everything that happens within it through the lens of gender and from the viewpoints of women. It encourages new ways of seeing and thinking about our world and its people and institutions. Interdisciplinary introduction to the questions, findings, methods, and theories of women's and gender studies scholarship. Examines how multiple forms of feminism shape the practice of women's and gender studies, and increasingly recognize differences among women. Examines gender as a social construct and the diverse conditions of gendered lives and experiences in the United States. Open to all interested students, and a requirement for the women's and gender studies minor. (F,S,Y)
Attributes: 1, DV
3 Credits

WGST 22000 Queer Studies (LA)

Examines contemporary LGBTQ (also known as queer) studies, primarily from feminist/queer theoretical perspectives and utilizing a social constructionist standpoint. Includes interdisciplinary and historical explorations of LGBTQ lives, with a focus on the intersectionality of LGBTQ identity with other categories of identity. Prerequisite: sophomore standing. (F,S,Y)
Attributes: 1, 3A, CNSL, DV, HM, HU, SO, SS, TIDE, TPJ, WGS
3 Credits

WGST 26100 Psychology of Women (LA)

In-depth examination of the psychology of women in contemporary society. Review of the research on gender differences and consideration of the theories (social learning, psychoanalytic, and biological) that have attempted to explain the differences. Focuses on some of the central experiences of women's lives (including relationships, work, mothering, sexuality, and mental health), with particular attention to the ways in which women's psychological development differs from that of men's in a patriarchal society. For psychology majors, this course counts towards the Sociocultural Competence requirement. Cross-listed with PSYC 26100. (F,Y)
Attributes: CC, DV, SS, WGS, WGSC
3 Credits

WGST 28800 Selected Topics: Women's and Gender Studies (LA)

Topics of current interest in women's and gender studies that focus on women and gender as crucial categories of analysis, and explore their intersections with race, class, sexuality, and nation (among other social categories). Can be repeated once for a total of six credits, when topics vary. Prerequisites: WGST 10000 or sophomore standing. (IRR)
Attributes: WGS, WGS1
3 Credits

WGST 41000 Selected Topics: Women's & Gender Studies (LA)

Topics of current interest in women's studies using a women's studies approach to pedagogy. This feminist pedagogy includes: (1) an emphasis on critical thinking and analytical skills; (2) an emphasis on cooperation instead of competition and hierarchy in the classroom; and (3) the validation of personal experience and subjective knowledge in the learning process. Prerequisites: WGST 10000; two courses from the women's and gender studies minor list. Open to women's and gender studies minors with senior standing, or junior standing by permission of instructor. Can be repeated once for up to six credits when topics vary. (IRR)
3 Credits

WGST 42000 Independent Studies: Women's and Gender Studies (LA)

Independent studies projects are arranged individually between student and instructor. A proposal for the topic and specific plans must be approved by the coordinator of the women's and gender studies program and by the School of Humanities and Sciences dean's office. Prerequisites: WGST 10000; two courses from the women's and gender studies minor list; permission of instructor. (F,S,Y)
Attributes: WGS, WGS3, WGSC, WGS1
1-4 Credits

WGST 43000 Internship: Women's and Gender Studies (NLA)

Internships are arranged individually at the student's request with individual instructors and a sponsoring agency. A proposal for an internship must be approved by the coordinator of the women's and gender studies program and by the School of Humanities and Sciences dean's office. Prerequisites: WGST 10000; two courses from the women's and gender studies minor list; permission of instructor. Variable credit. (F,S,Y)
Attributes: WGSC, WGS1
1-12 Credits

Women's, Gender, and Sexuality Studies - B.A.

Summary

Code	Title	Credits
Women's, Gender, and Sexuality Studies B.A.		36
Integrative Core Curriculum Requirements ¹		29-40
Electives		24-55
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

No more than three courses in the major may be at the 100-level. Students who double major may use up to three courses from the other major towards the Women's, Gender, and Sexuality Studies B.A.

Code	Title	Credits
CORE REQUIREMENTS		
WGST 10000	Introduction to Women's and Gender Studies	3
WGST 22000	Queer Studies	3
CSCR 35100	Race and Sexual Politics	3
	or POLT 34300 Feminist Theory	
INTERDISCIPLINARY ELECTIVES		
27 credits of courses that meet the following criteria: ¹		27
•9 credits of courses focusing on Constructions of Gender: Social, Cultural, and Historical (WGSC attribute)		
•9 credits of courses focusing on Intersectionality: Race, Sexuality, Class, Nation (WGS1 attribute)		
•9 credits of courses may focus on either Constructions (WGSC) or Intersectionality (WGS1 attribute)		
•at least three courses (9 credits) must be at the 300-level or above		
•no more than four courses may have the same subject code prefix (excluding WGST)		
•no more than 6 credits may be in WGST 42000 Independent Study or WGST 43000 Internship		
•a Core Requirement not counting towards those requirements may be used as a restricted elective.		
Total Credits		36

¹ *Some courses with the WGSC or WGSJ attribute may have additional prerequisites that the student is responsible for meeting.*

Women's and Gender Studies Minor

Minor Requirements

An updated list of approved elective courses for the Women's and Gender Studies minor is maintained by the coordinator and on the women's and gender studies website.

Code	Title	Credits
CORE REQUIREMENT		
WGST 10000	Introduction to Women's and Gender Studies	3
ADDITIONAL CREDITS		
Select 15 additional credits designated with a course attribute WGS (WGST approved elective) or WGS3 (WGST 3xxxx appr electives) attribute. These electives must meet the following criteria:		15
•At least 6 credits must be at the 300-level or above.		
•No more than 9 credits may be from any single department.		
•Courses that a student must take for their major may also count toward the WGST minor, but not more than 6 credits.		
Total Credits		18

Department of World Languages, Literatures, and Cultures

Bachelor of Arts

Michael D. Richardson, Professor and Chairperson

The Department of World Languages, Literatures, and Cultures (DWLLC) offers curricula in French and Francophone Studies, German Area Studies, Italian Studies, and Spanish leading to a bachelor of arts degree in World Languages and Cultures. This innovative and interdisciplinary major provides students with multiple pathways to completion, either by pursuing a single language or by combining the study of a primary language with additional coursework in a second language or with courses in linguistics and translation studies. The department also offers minors in French, German, Italian, Spanish, linguistics, and translation studies as well as courses in Chinese. The department serves the interests of students in their desire to communicate with and understand other peoples through the study of language, literature, culture, and civilization, and seeks to develop students' knowledge of the structure, use, and history of the languages. The department supports cross-cultural exploration and interdisciplinary study, and facilitates and encourages study abroad. Our students often study abroad during their time at Ithaca College, through both affiliated and non-affiliated programs. They also pursue their individual scholarly interests abroad with awards from organizations such as the American Council on the Teaching of Foreign Languages, the Fulbright Program, and the National Organization of Italian American Women.

The department prepares students for a career in language education, for graduate or professional school, and for working in the global environment. After graduation, DWLLC students have participated in a wide variety of teaching programs, both abroad (including the

Teaching Assistantship Program in France, the Fulbright English Teaching Assistant Program, and the Spanish Embassy Language and Culture Assistantships program), and in the U.S. (through Teach for America and City Year). Recent graduates who combined language study with coursework in other fields have entered professions such as law, medicine, business, government, social work, journalism, advertising, and banking.

REQUIREMENTS FOR HONORS IN WORLD LANGUAGES AND CULTURES

Students may apply as candidates for honors in French, German, Italian, or Spanish at the end of the junior year but no later than the second week of the first semester of the senior year. To qualify, students must have a cumulative average of 3.50 in their major language and propose a topic to the chair and the language committee. Upon approval of the proposal, the student will write an honors paper as a 3-credit independent study project, under the supervision of an assigned adviser, and subsequently undertake the defense of the honors paper at an oral examination conducted by three members of the department. If the project is judged by the honors committee to earn at least the grade of B, the student is awarded departmental honors.

PRE-APPROVED DOUBLE MAJOR IN WORLD LANGUAGES AND CULTURES AND DOCUMENTARY STUDIES AND PRODUCTION

The Department of World Languages, Literatures, and Cultures has partnered with the Department of Documentary Studies and Production to create a pre-approved double major.

This initiative allows students to combine their passion for world languages and cultures with their interest in the study and practice of documentary filmmaking, providing them with a deeper understanding of the world, fostering the development of critical thinking skills, and enhancing their career paths by opening doors to them on a global scale. Students enrolled in this double major program will receive advising support from both departments and benefit from structured collaboration opportunities between these two departments.

DEPARTMENTAL POLICIES ON PLACEMENT EXAMINATIONS

1. Students with no previous training in a foreign language may begin by taking a 10100 course.
2. Students who have studied a foreign language in high school are required to take the appropriate placement test and register for courses as per placement by the department.
3. Transfer students who have earned college credit in a foreign language may register for a course at the appropriate level indicated by their college transcripts.

STUDY ABROAD

General academic regulations concerning occasional credit from external sources apply to study abroad. In addition, the department allows a maximum of 12 major credits and 6 minor credits for a semester, or 15 major credits and 9 minor credits comparable to courses taught within the Department of World Languages, Literatures, and Cultures (16 when earned in 4-credit courses) for an academic year of study abroad.

CERTIFICATE PROGRAM IN INTERNATIONAL BUSINESS

In conjunction with the School of Business, DWLLC offers a certificate in international business. See the certificate in international business section (p. 279) under the School of Business for details.

INDEPENDENT STUDY GUIDELINES

Independent studies in the department are intended primarily for departmental majors or minors, and who must complete a graduation requirement when no suitable course is available in the semester schedule, or for students who have applied to pursue honors in the department.

POLICY ON PREREQUISITES

A grade of C- or better is required for a 10100, 10200, 20100, and 20200 course in any language to fulfill a prerequisite for another course in the same language.

- World Languages and Cultures — B.A. (p. 573)
- Spanish Major — B.A. with Teaching Option (p. 573)
- Comparative Literature Minor (p. 574)
- French Minor (p. 575)
- German Area Studies Minor (p. 575)
- Italian Studies Minor (p. 575)
- Spanish Minor (p. 575)
- Linguistics Minor (p. 575)
- Translation Studies Minor (p. 576)

Subjects in this department include: Languages (LNGS) (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-modern-languages-literatures/#lngs>), Arabic (ARAB) (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-modern-languages-literatures/#arab>), Chinese (CHIN) (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-modern-languages-literatures/#chin>), French (FREN) (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-modern-languages-literatures/#fren>), German (GERM) (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-modern-languages-literatures/#germ>), Hebrew (HEBR) (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-modern-languages-literatures/#hebr>), Italian (ITAL) (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-modern-languages-literatures/#ital>), Latin (LATN) (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-modern-languages-literatures/#latn>), and Spanish (SPAN) (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-modern-languages-literatures/#span>)

ARAB 10100 Elementary Arabic I (LA)

Introductory course designed to develop spoken and written skills in Arabic and to further understanding of Arab and Islamic cultures. Students will learn the Arabic alphabet and sound, grammatical constructions, and vocabulary. Modern Standard Arabic will be emphasized. Prerequisites: Open to students with no previous knowledge of Arabic or by placement. (F,Y)
Attributes: 3A, G, HM, HU, TIDE
4 Credits

ARAB 10200 Elementary Arabic II (LA)

Continuation of ARAB 10100. Limited to students who have successfully completed ARAB 10100 with a grade of C- or better, or by placement. Prerequisites: ARAB 10100, or equivalent. (S,Y)
Attributes: 3A, G, HM, HU, TIDE
4 Credits

ARAB 20100 Intermediate Arabic I (LA)

Further development of speaking, listening, reading, and writing skills. Students will read selections written in both classical and standard Arabic and practice Levantine Arabic, a colloquial Arabic dialect. Grammar and stylistic rules will be emphasized. Prerequisites: ARAB 10200 with a grade of C- or better, or permission of instructor. Attributes: HU
3 Credits

ARAB 20200 Intermediate Arabic II (LA)

Continuation of ARAB 20100. Emphasis will be given to oral and written proficiency. Prerequisite: ARAB 20100 with a grade of C- or better, or with instructor permission. (S, Y)
Attributes: HU
3 Credits

ARAB 29900 Independent Study: Arabic (LA)

Individual research, study, and/or writing on particular topics related to the Arabic language and the cultures of Arabic-speaking lands, supervised by a member of the department. May be repeated for a total of six credits. Offered on demand only. Prerequisites: permission of instructor and chairperson. (IRR)
Attributes: HU
1-3 Credits

CHIN 10100 Elementary Chinese I (LA)

Introductory course designed to develop spoken and written skills in Mandarin Chinese. Students will be introduced to pinyin (sounds tones), vocabulary, characters (simplified version), and grammatical constructions. Participation, self-expression, and cultural awareness will be emphasized. Open to students with no previous Chinese, or by placement examination. (F,Y)
Attributes: 3A, G, HM, HU, TIDE
4 Credits

CHIN 10200 Elementary Chinese II (LA)

Continuation of CHIN 10100. Limited to students who have successfully completed CHIN 10100 with a grade of C- or better, or by permission of instructor. Prerequisite: CHIN 10100, or equivalent, with a grade of C- or better. (S,Y)
Attributes: 3A, G, HM, HU, TIDE
4 Credits

CHIN 20100 Intermediate Chinese I (LA)

This course will further develop speaking, listening, reading and writing proficiency. Special emphasis will be given to conversational and writing skills. Chinese culture, history and society will be discussed through selected readings. Prerequisite: CHIN 10200, or equivalent, with a grade of C- or better, or with instructor permission. (F,Y)
Attributes: HU
3 Credits

CHIN 20200 Intermediate Chinese II (LA)

Continuation of CHIN 20100. Emphasis will be given to oral and written proficiency. Prerequisite: CHIN 20100 with a grade of C- or better, or with instructor permission. (S,Y)
Attributes: HU
3 Credits

FREN 10100 Elementary French I (LA)

Beginning course. Practice in understanding, speaking, reading, and writing simple idiomatic French in the context of French and francophone cultures. Emphasizes participation and self-expression. Open to students with no previous French, or by placement examination. (F,S,Y)

Attributes: 3A, G, HM, HU, TIDE

3 Credits

FREN 10200 Elementary French II (LA)

Continuation of FREN 10100. Limited to students who have successfully completed FREN 10100 with a grade of C- or better, or by placement examination. Prerequisites: FREN 10100, or equivalent. (F,S,Y)

Attributes: 3A, G, HM, HU, TIDE

3 Credits

FREN 20100 Intermediate French I (LA)

Develops intermediate-level proficiency in speaking, listening, reading, and writing French. Special emphasis is given to French culture.

Prerequisites: FREN 10200 with a grade of C- or better. (F,S,Y)

Attributes: G, HM, HU, TIDE

3 Credits

FREN 20200 Intermediate French II (LA)

Continuation of FREN 20100. Develops intermediate-level proficiency in speaking, listening, reading, and writing French. Special emphasis is given to French culture. Prerequisites: FREN 20100 with a grade of C- or better. (F,S,Y)

Attributes: G, HM, HU, TIDE

3 Credits

FREN 20300 French Intermediate Conversation (LA)

A conversation course for students at or above the intermediate level who want to maximize their conversational skills. May be repeated for a total of two credits. Prerequisites: FREN 10200. (IRR)

Attributes: HU

1 Credit

FREN 29900 Independent Study: French (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: Permission of instructor and chairperson. (IRR)

Attributes: UND

1-3 Credits

FREN 30100 Conversational French and Written Communication (LA)

Conversation-based course dedicated to developing spoken and written communication skills at the third-year level. Reading and discussion of contemporary material; regular practice of writing, including editing and correction of text. Prerequisites: FREN 20200 with a grade of C- or better, or language placement test. (IRR)

Attributes: 3A, CCCS, G, HU

3 Credits

FREN 31200 French Literature in Translation (LA)

Study of the principal works of major French writers. Readings and all class activities are in English. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: 3A, CTE, G, HU

3 Credits

FREN 31300 Introduction to French Literature (LA)

A study of representative texts in French literature in all genres. Prerequisites: FREN 30100 (may be taken concurrently). (IRR)

Attributes: 3A, G, HU

3 Credits

FREN 32200 Advanced French Grammar Through Creative Writing (LA)

Advanced study of French grammar, with an emphasis placed on creative writing, including register, genres, and style. Prerequisites: FREN 20200 or by placement exam. (IRR)

Attributes: CCCS

3 Credits

FREN 32300 French Phonetics (LA)

Intensive practical phonetics for American speakers of French. Emphasis is placed on correct pronunciation, orthography, and understanding of contemporary dialects. Prerequisites: FREN 30100. (IRR)

Attributes: HU

3 Credits

FREN 34300 The Evolution of French Civilization (LA)

Study of how concrete elements of French civilization, key figures, government, society, ideas, literature, and the arts evolved from prehistoric times to the 20th century. Taught in French. Prerequisites: FREN 30100. (IRR)

Attributes: G, H, INBG

3 Credits

FREN 34400 Contemporary French Culture (LA)

Exploring modern France and francophone countries from a total culture point of view: geography, politics, and economy, as well as literature, sciences, music, cinema, gastronomy, and the arts. Taught in French. Prerequisites: FREN 30100 (or equivalent with permission of instructor). (F,E)

Attributes: G, H

3 Credits

FREN 34500 Francophone Literature (LA)

An introduction to the literature of French expression originating outside France. Discussions will focus on colonization, post-colonization, religion (Christianity, Islam, Judaism, animism), gender, and ethnicity. Prerequisites: FREN 30100, or equivalent. (IRR)

Attributes: HU

3 Credits

FREN 35500 French Translation in Practice (LA)

Practical introduction to the world of translation and its relationship to culture and ethics through the analysis and translation of literary and non-literary texts (articles, brochures, documents) from French into English. Prerequisite: One 30000-level French course or permission of instructor. (IRR)

3 Credits

FREN 36700 French for Professional Communication (LA)

In this course students gain familiarity with spoken and written expression necessary to conduct business in France. Topics covered include the French and Francophone economy, French and Francophone business practices, human resources, marketing, professional translation, and intercultural communication. Prerequisites: FREN 20200. (IRR)

3 Credits

FREN 37700 Selected Topics in French Literature and Culture (LA)

Study of a genre, time period, group of authors, or single major writer. May be repeated up to nine credits when topics vary. Taught in French. Prerequisites: FREN 30100 or by placement exam. (IRR)

Attributes: HU, WGSC

3 Credits

FREN 39900 Independent Study: French (LA)

Individual research, study, and/or writing on particular topics supervised by a member of the department. Offered on demand only. Prerequisites: FREN 30100; permission of instructor and chairperson. (IRR)
 Attributes: UND
 1-3 Credits

FREN 40100 French Medieval and Early Modern Literature and Culture (LA)

An exploration of the culture of Medieval, Renaissance, and Early Modern France, through the lens of literature. Key themes include courtly literature and feudal society; Renaissance, the humanities and the invention of modern grammar; religious struggle and the emergence of centralization of power; and, absolute monarchy and classic theatre. Most selections will be read in modern French. Prerequisites: At least one FREN course at the 300 level, except for FREN 31200; or placement exam. (IRR)
 3 Credits

FREN 45100 Nineteenth- and Twentieth-Century French Literature (LA)

Study of representative works. Prerequisites: FREN 30100 or equivalent with permission of instructor. (IRR)
 Attributes: HU, WGS, WGS3, WGS1
 3 Credits

FREN 47700 Seminar: Readings in French Literature (LA)

Selected themes or topics in French literature. May be repeated for credit when topics vary. Prerequisites: Permission of instructor. (IRR)
 Attributes: HU
 1-3 Credits

FREN 49900 Independent Study: French (LA)

Individual research, study, and/or writing on particular topics supervised by a member of the department. Offered on demand only. Prerequisites: Permission of instructor and chairperson. (IRR)
 Attributes: UND
 1-3 Credits

FREN 50100 Seventeenth- and Eighteenth-Century French Literature (LA)

Advanced study of representative literature. Seventeenth-century works may include prose (such as moral and epistolary works, fables, and novels) and theater. Eighteenth-century works may include pieces by the philosophes, novels, and theater. Analysis will be placed in historical and cultural context. Readings and discussions will be in French. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)
 3 Credits

FREN 50400 The French Medieval Experience (LA)

French Medieval Experience.
 3 Credits

FREN 51500 French Literature of the Renaissance (LA)

Extensive study of representative works beginning with an historical overview of the Middle Ages. Works will include poetry, theater, and some of the essays of reformers and humanists. Analysis will be placed in historical and cultural context. Readings and discussions will be in French. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)
 3 Credits

FREN 55100 Nineteenth- and Twentieth-Century French Literature (LA)

In-depth study of representative works including poetry, novels, short stories, and theater. Analysis will be placed in historical and cultural context. Readings and discussions will be in French. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)
 3 Credits

FREN 57700 Seminar: Readings in French Literature (LA)

In-depth study of selected themes or topics in French literature. May be repeated for credit when topics vary. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)
 1-3 Credits

FREN 59900 Independent Study: French (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: permission of instructor. (IRR)
 1-3 Credits

GERM 10100 Elementary German I (LA)

Beginning course. Practice in understanding, speaking, reading, and writing simple idiomatic German with special attention to German culture. Emphasizes participation and self-expression. Open to students with no previous German, or by placement examination. (F,Y)
 Attributes: 3A, G, HM, HU, TIDE
 3 Credits

GERM 10200 Elementary German II (LA)

Continuation of GERM 10100. Limited to students who have successfully completed GERM 10100 with a grade of C- or better, or by placement examination. Prerequisites: GERM 10100, or equivalent. (S,Y)
 Attributes: 3A, G, HM, HU, TIDE
 3 Credits

GERM 15100 Elementary German for Reading Knowledge (LA)

Emphasis is placed on rapid development of reading skills; principles of German grammar and their application to reading comprehension; extensive reading in German culture and literature. (IRR)
 Attributes: HU
 3 Credits

GERM 20100 Intermediate German I (LA)

Develops intermediate-level proficiency in speaking, listening, reading, and writing German. Special emphasis is given to German culture. Prerequisites: GERM 10200 with a grade of C- or better. (F,Y)
 Attributes: G, HM, HU, TIDE
 3 Credits

GERM 20200 Intermediate German II (LA)

Continuation of GERM 20100. Develops intermediate-level proficiency in speaking, listening, reading, and writing German. Special emphasis is given to German culture. Prerequisites: GERM 20100 with a grade of C- or better. (S,Y)
 Attributes: G, HM, HU, TIDE
 3 Credits

GERM 25000 History of German Film (LA)

A study of the principal films of major German directors. This class will cover the complete history of German film, from early silent cinema to contemporary films. Emphasis is given to the historical and cultural context of each film, as well as the film's relationship to questions of German identity. Readings include historical as well as theoretical texts. Conducted in English. This course does not count towards language proficiency requirements in majors. (IRR)
 Attributes: 3B, CA, CTE, G, HM, HU, SCE, TIDE
 3 Credits

GERM 25200 German Literature in Translation (LA)

Study of principal works of major writers and representative works of various periods. This course does not count towards language proficiency requirements in majors. (IRR)
 Attributes: CTE, HU
 3 Credits

GERM 27500 Twentieth-Century German Intellectual Thought (LA)

A study of the principal currents of 20th-century German intellectual thought, with particular emphases on the relationship of the individual to society and on Marxist theories of art and popular culture. Readings include Freud, Heidegger, Benjamin, Adorno, and Habermas. Conducted in English. Prerequisites: Sophomore standing. (IRR)

Attributes: HU

3 Credits

GERM 29900 Independent Study: German (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: Permission of instructor and chairperson. (IRR)

Attributes: UND

1-3 Credits

GERM 30100 Spoken and Written Communication in German I (LA)

Developing spoken and written communication skills at the third-year level. Reading and discussion of contemporary material. Writing practice. Laboratory exercises. Prerequisites: GERM 20200 with a grade of C- or better, or equivalent. (F,Y)

Attributes: 3A, CCCS, G, HU

3 Credits

GERM 30200 Spoken and Written Communication in German II (LA)

Developing spoken and written communication skills at the third-year level. Reading and discussion of contemporary material, writing practice, and laboratory exercises. Prerequisites: GERM 30100, or equivalent. (S,Y)

Attributes: 3A, CCCS, G, HU

3 Credits

GERM 31200 Advanced German Grammar and Composition (LA)

Advanced study of German grammar, with an emphasis placed on composition. Prerequisites: GERM 20200 with a grade of C- or better (or equivalent with permission of instructor). (IRR)

Attributes: HU

3 Credits

GERM 31800 Contemporary German Culture Through Film (LA)

Explores German culture and society through contemporary cinema. Students will also gain more practice in skill areas of reading, writing, speaking, and comprehension of German language. Prerequisite: GERM 20200 with a grade of C- or higher. (IRR)

Attributes: HU, INBG

3 Credits

GERM 32300 German Oral Practice (LA)

Extensive oral practice using selected topics as a basis for conversation, discussion, and presentations or short talks. Prerequisites: GERM 20200 with a grade of C- or better. (IRR)

Attributes: 3A, G, HU

3 Credits

GERM 34100 German Cultural History (LA)

Study of the civilization and culture of Germany and other German-speaking countries. Usually taught in English. Prerequisites: Sophomore standing; permission of instructor. (S,E)

Attributes: G, HU, INBG

3 Credits

GERM 35500 German Translation in Practice (LA)

Practical introduction to the world of translation and its relationship to culture and ethics through the analysis and translation of literary and non-literary texts (articles, brochures, documents) from German into English. Prerequisite: One 30000-level German course or permission of instructor. (IRR)

3 Credits

GERM 36500 Masterworks in German (LA)

Study of selected literary works of significant writers of the 18th, 19th, and 20th centuries. Taught in German. Prerequisites: One level-3 German course taught in German, or equivalent. (F,O)

Attributes: 3A, G, HU

3 Credits

GERM 38100-38200 German Conversation and Culture (LA)

Concentration on the use of language in oral communication. Readings and discussion to focus on areas of German civilization and culture with attention to art, literature, music, geography, history, social structures, and folk and popular culture. Taught in German. May be repeated when topics vary. Prerequisites: One level-3 course taught in German, or equivalent. (S,E)

Attributes: CCCS, G, HU, INBG

3 Credits

GERM 39300 Selected Topics in German Literature (LA)

Study of a genre, time period, group of authors, or single major writer. Taught in German. May be repeated two times each, for a total of twelve credits, when topics vary. Prerequisites: Two German courses at level 3. (S,E)

Attributes: 3A, G, HU

3 Credits

GERM 39400 Selected Topics: German Literature (LA)

Study of a genre, time period, group of authors, or single major writer. Taught in German. May be repeated two times each, for a total of twelve credits, when topics vary. Prerequisites: Two German courses at level 3. (S,E)

Attributes: 3A, G, HU

3 Credits

GERM 39900 Independent Study: German (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: Junior standing; permission of instructor and chairperson.

Attributes: HU

1-3 Credits

GERM 47100 Seminar in German (LA)

Study of a selected topic or author in German literature or culture. May be repeated for credit when topics change each year. Taught in German. Prerequisites: Two German courses at level 3; senior standing. (IRR)

Attributes: HU

3 Credits

GERM 47200 Seminar: German (LA)

Study of a selected topic or author in German literature or culture. May be repeated for credit when topics change each year. Taught in German. Prerequisites: Two German courses at level 3; senior standing. (IRR)

Attributes: HU

3 Credits

GERM 49900 Independent Study: German (LA)

Individual research, study, and writing on particular topics, supervised by a faculty member of the department. Offered on demand only.

Prerequisites: GERM 30100-30200, GERM 39300, or GERM 39400; permission of instructor and chairperson.

Attributes: UND

1-3 Credits

HEBR 10100 Elementary Hebrew I (LA)

Beginning course. Practice in understanding, speaking, reading, and writing simple idiomatic Hebrew. Emphasis is placed on culture, participation, and self-expression. Open to students with no previous Hebrew, or by placement examination. (F,Y)

Attributes: 3A, G, HM, HU, TIDE

3 Credits

HEBR 10200 Elementary Hebrew II (LA)

A continuation of HEBR 10100. Limited to students who have completed HEBR 10100 with a grade of C- or better, or equivalent. Prerequisites:

HEBR 10100 or equivalent. (S,Y)

Attributes: 3A, G, HM, HU, JWST, TIDE

3 Credits

HEBR 20100 Intermediate Hebrew I (LA)

Develops intermediate-level proficiency in speaking, listening, reading, and writing Hebrew. Special emphasis is given to Hebrew culture.

Prerequisites: HEBR 10200 with a grade of C- or better. (F,Y)

Attributes: 3A, G, HU

3 Credits

HEBR 20200 Intermediate Hebrew II (LA)

Continuation of HEBR 20100. Develops intermediate-level proficiency in speaking, listening, reading, and writing Hebrew. Special emphasis is given to Hebrew culture. Prerequisites: HEBR 20100 with a grade of C- or better. (S,Y)

Attributes: 3A, G, HU

3 Credits

HEBR 29900-39900 Independent Study: Hebrew (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Prerequisites: Permission of instructor and chairperson. (IRR)

Attributes: UND

1-3 Credits

ITAL 10100 Elementary Italian I (LA)

Beginning course. Practice in understanding, speaking, reading, and writing simple idiomatic Italian, with special attention to Italian culture. Emphasizes participation and self-expression. Open to students with no previous Italian, or by placement examination. (F,S,Y)

Attributes: 3A, G, HM, HU, TIDE

3 Credits

ITAL 10200 Elementary Italian II (LA)

Continuation of ITAL 10100. Limited to students who have successfully completed ITAL 10100 with a grade of C- or better, or by placement examination. Prerequisites: ITAL 10100 or equivalent. (F,S,Y)

Attributes: 3A, G, HM, HU, TIDE

3 Credits

ITAL 20100 Intermediate Italian I (LA)

Develops intermediate-level proficiency in speaking, listening, reading, and writing Italian. Special emphasis is given to Italian culture.

Prerequisites: ITAL 10200 with a grade of C- or better. (F,S,Y)

Attributes: 3A, G, HM, HU, TIDE

3 Credits

ITAL 20200 Intermediate Italian II (LA)

Continuation of ITAL 20100. Develops intermediate-level proficiency in speaking, listening, reading, and writing Italian. Special emphasis is given to Italian culture. Prerequisites: ITAL 20100 with a grade of C- or better.

(F,S,Y)

Attributes: 3A, G, HM, HU, TIDE

3 Credits

ITAL 20500 Italy: Language and Culture (LA)

A three-week study abroad course that emphasizes learning Italian language skills, with an overview of the history and culture of Italy. The course will be based in Siena, Italy, with brief visits to other cities, including Florence, Venice, and Rome. The course includes a conversationally based Italian class and on-site sessions devoted to learning about the culture and civilization of Italy. Students will incur additional costs. Prerequisites: ITAL 10100 or the equivalent; application through the Office of International Programs. (Sum,IRR)

Attributes: G, HU, INBG

3 Credits

ITAL 25000 The Love that Moves the Sun and Stars: Dante's Divine Comedy in Translation (LA)

Students read and discuss, in English translation, Dante Alighieri's masterwork *The Divine Comedy*, an encyclopedic poem composed of three parts: *Inferno*, *Purgatorio*, and *Paradiso*. The course considers the text on the literal and allegorical levels, as Dante intended, with a focus on love as the key concept that forms the core of the universe. It also explores the text's sources and influences, including works in the visual arts that *The Divine Comedy* has inspired over the centuries. The course is taught in English with bi-lingual texts available for students of Italian. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: CTE

3 Credits

ITAL 27000 Inferno to Infinity: Italian Literature in Translation (LA)

An overview of Italian literature from the Middle Ages through modernity, through a study of principal works of major authors and representative works of various periods. Readings and all class activities are in English. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: CTE, G, H, HM, HU, TIDE, TIII

3 Credits

ITAL 29900 Independent Study: Italian (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites:

Permission of instructor and chairperson. (IRR)

Attributes: UND

1-3 Credits

ITAL 32300 Parliamo! Italian Conversation (LA)

Extensive oral practice using selected topics as a basis for conversation, discussion, and presentation of short talks. Prerequisites: ITAL 20200 with a grade of C- or better, or equivalent. (IRR)

Attributes: 3A, CCCS, G, HU

3 Credits

ITAL 32400 Conversazione e Cultura (LA)

Extensive oral practice with a focus on Italian culture for conversation, discussion, and presentation of short talks. Prerequisites: ITAL 20200 with a grade of C- or better, or equivalent. (IRR)

Attributes: 3A, CCCS, G, HU

3 Credits

ITAL 32800 Practice in Reading and Writing in Italian (LA)

Develops spoken and written communication skills at the third-year level. Reading and discussion of contemporary material. Writing practice with an emphasis placed on developing grammar skills. Laboratory exercises. Prerequisites: ITAL 20200 with a grade of C- or better. (IRR)
Attributes: 3A, G, HU
3 Credits

ITAL 33000 The Italian Americans (LA)

This course examines the experience and assimilation of Italian immigrants to the United States. It will explore general themes: the conditions in southern Italy that compelled Italians to emigrate; the role of the family; the effects of prejudice; Italian-American women; portrayals of popular culture; the future of Italian-Americans. Taught in English. This course does not count towards language proficiency requirements in majors. (IRR)
Attributes: CTE, DV, G, H, HU, SS
3 Credits

ITAL 34000 Italian Contemporary Culture (LA)

This course introduces students to Italian contemporary art, popular music, literature, cinema, social and regional differences, politics, traditional festivities, mass media, and regional cuisine. Students will practice speaking, reading, comprehension, and writing by discussing and analyzing selected materials and Italian newspapers. The course will be conducted in Italian. Prerequisites: ITAL 32300, ITAL 32400, or ITAL 32800. (IRR)
Attributes: G, HU, INBG
3 Credits

ITAL 34500 Italian Culture: A Culinary Journey (LA)

This course introduces students to Italian culture through the lens of its rich culinary tradition. Students explore a wide range of culinary-related materials, such as films, recipes, restaurant reviews, cooking shows, websites, and songs, as well as literary texts. Cultural topics considered include territory, regional differences, influences of recent immigration patterns, etiquette, and changing lifestyles. Taught in English, but with extensive practice in speaking, reading, comprehension, and writing in Italian. (IRR)
Attributes: HU
3 Credits

ITAL 35000 Italian Culture through Cinema (LA)

This course is intended to introduce students to the language, culture, history, and changing social issues depicted by Italian cinema of the past four decades. Special attention will be paid to the integration of films with close reading, discussion, and analysis of literary and cinematic texts that address such issues as national identity, immigration and emigration, the rise and fall of Fascism, the new republic, the north/south question, and contemporary regional cultural differences. The course, moreover, affords extensive practice in speaking, reading, comprehension, and writing in Italian. Prerequisites: ITAL 20200. (IRR)
Attributes: HU, INBG, SCE
3 Credits

ITAL 35500 Italian Translation in Practice (LA)

Practical introduction to the world of translation and its relationship to culture and ethics through the analysis and translation of literary and non-literary texts (articles, brochures, documents) from Italian to English. Prerequisites: one 300 level Italian course or permission of instructor. (IRR)
3 Credits

ITAL 36000 Everybody on Stage: The Magic of Italian Theater (LA)

Provides a hands-on introduction to the liveliest genre of Italian literature, improving oral and writing skills through a close reading and dramatic delivery of selected texts by masters such as Carlo Goldoni, Luigi Pirandello, and Dario Fo. Prerequisite: ITAL 20200 with a grade of C- or higher. (IRR)
Attributes: HU
3 Credits

ITAL 36500 Nineteenth- and Twentieth-Century Italian Literature (LA)

A study of selected literary works by key authors from the late 19th through the 20th centuries. Readings may include novels, plays, and short stories by writers such as Verga, Pirandello, and Calvino. Taught in Italian. Prerequisites: One level-3 Italian course taught in Italian, or equivalent. (IRR)
Attributes: 3A, G, HU
3 Credits

ITAL 37000 Love, Lust, and the Black Death: Boccaccio's Decameron (LA)

A study of Giovanni Boccaccio's masterpiece: a collection of short stories written at the dawn of the Renaissance and shadowed by the devastation of the plague. The tales encompass a wide range of themes from tragic to comic and heroic to vulgar, providing ample material for discussion of Italian culture and literature in both historical and contemporary contexts. Taught in Italian. Prerequisites: One level-3 Italian course except ITAL 33000. (IRR)
Attributes: HU
3 Credits

ITAL 37500 Images of Hell: Dante's Inferno (LA)

This course studies Dante Alighieri's *Divina Commedia*: *Inferno* in the original Italian. This text, written 700 years ago, played a critical role in shaping the language and literature of Italy. The course includes explorations of the profound and lasting influence of Dante's work on literature, art, and culture in Italy and beyond. Taught in Italian. Prerequisites: One level-3 Italian course except ITAL 33000. (IRR)
Attributes: HU
3 Credits

ITAL 38000-38009 Selected Topics in Italian Literature and Culture (LA)

Study of a genre, time period, group of authors, or single major writer. Students may only take two selected topics courses, for a total of six credits. Taught in Italian. Prerequisites: Two Italian courses at level 3, or equivalent. (IRR)
Attributes: 3A, G, HU
3 Credits

ITAL 39900-49900 Independent Study: Italian (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: ITAL 32300, ITAL 32400, or equivalent; permission of instructor and chairperson. (IRR)
Attributes: UND
1-3 Credits

LATN 10100 Elementary Latin I (LA)

Latin language, literature, and culture of ancient Rome and the Middle Ages. Emphasis on pronunciation, noun cases, agreement, phrases, and clauses. Readings include simple prose narratives from Roman history, fables, and mythology. Students work with an interactive computer program, supplemented by weekly review classes, drills, translations, and tests administered by the instructor. Open to students with no previous Latin, or by placement examination. (F,S,Y)
Attributes: 3A, CSA, G, H, HM, HU, TIDE
3 Credits

LATN 10200 Elementary Latin II (LA)

Continuation of LATN10100 Elementary Latin I. Latin language, literature, and culture of ancient Rome and the Middle Ages. Emphasis on noun and verb system, agreement, phrases, and clauses. Readings include simple prose narratives from Roman history, fables, and mythology, and simple poetry. Students work with an interactive computer program, supplemented by weekly review classes, drills, translations, and tests administered by the instructor. Prerequisites: LATN10100 with a grade of C- or better, or by placement exam. (F,S,Y)

Attributes: 3A, G, H, HM, HU, TIDE
3 Credits

LATN 20000 Comprehensive Intermediate Latin (LA)

Intensive completion of Latin grammar for intermediate proficiency, with a study of Latin literature focused on the poetry of Ovid and other authors of the Golden Age. Prerequisite: LATN 10200 with a grade of C- or better. (Y)

Attributes: 3A, CSA, G, H, HU
3 Credits

LATN 25000 Classical Mythology (LA)

A study of major themes in western mythology, including Creation and Flood narratives, Jason and the Argonauts, Orpheus and Eurydice, Perseus, the Labors of Hercules, and the Trojan War, among others, using translations of the ancient Roman poet Ovid with supplementary material from other classical authors. Examines later retelling of the ancient myths as seen in medieval and modern adaptations. This course does not count towards language proficiency requirements in majors. (Y)

Attributes: 3A, CTE, G, H, HU
3 Credits

LATN 29900-49900 Independent Study (LA)

Individual research, study, and/or writing on particular topics, supervised by a mentor of the department. Offered on demand only. Prerequisites: Permission of instructor and department chair. (IRR)
1-3 Credits

LNGS 11100 Global Screen Cultures (LA)

Team-taught lecture course that examines cinematic representations of changing notions of cultural, national, and individual identity. Topics will include the impact of war and fascism on national identity; changing notions of the family structure and gender roles; generational conflict and cultural identity, class, race, and religion. Students will investigate these topics both within and across various national cultures. LNGS 11100 and SCRE 11100 are cross-listed; students may not take both courses for credit. (S,Y)

Attributes: AN3, CA, DV, G, HM, LAEL, LXME, RPRE, TIDE
3 Credits

LNGS 11200 Intersections of Race, Language, Literature, and Power in World Cultures (LA)

An interdisciplinary introduction to literary and cultural analysis from a global/international perspective, focusing on texts originally written in languages other than English. Introduces students to theoretical concepts such as colonialism, imperialism, orientalism and neoliberalism and discusses topics such as class, race, gender, sexuality, migration, environment, and nationalism. Asks students to pay close attention to issues of language, literature, and translation while reflecting on their own experiences and positionality in relationship to the content. All texts are read in English translation. (Y)

3 Credits

LNGS 12000 Introduction to the Art of Translation (LA)

Introduction to the world of translation from a theoretical and practical perspective. Texts will include translators' prefaces and notes, subtitling, literary and non-literary translations, focusing on issues of translatability, fidelity, purpose and ethics. This course is intended for students with basic reading proficiency in a language other than English. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)

Attributes: HM, TIII, TWOS, WI
3 Credits

LNGS 15000 English for Speakers of Other Languages (LA)

Improvement of non-native speakers' comprehension and production of English. Emphasis on oral communication as well as reading comprehension and writing ability. Pass/Fail only. Prerequisites:

Permission of instructor. (F-S, Y)
Attributes: HU
3 Credits

LNGS 19402 Introduction to the Art of Translation (LA)

Introduction to the world of translation from a theoretical and practical perspective. Texts will include translators' prefaces and notes, subtitling, and literary translations, focusing on issues of translatability, fidelity, purpose and ethics. This course is intended for students with basic reading proficiency in a language other than English. Students cannot receive credit for both LNGS 19402 and LNGS 25000. Prerequisites:

WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)
Attributes: GERM, HM, HU, TIII, TWOS, WI
3 Credits

LNGS 23200 Introduction to Linguistics (LA)

An introduction to the fundamental areas and concepts of modern linguistics. Study of sounds and sound patterns, word and sentence structure, and language change. Other topics may include semantics, language acquisition, dialects, and pidgin and creole languages. Prerequisites: One course in the humanities or social sciences. Open to all students. Students may not earn credit for both LNGS 23200 and LNGS 23300. 3 Credits. (F-S,Y)

Attributes: 3A, GERM, HM, SS, TIDE, TWOS
3 Credits

LNGS 24200 Language and the Mind (LA)

Building on introductory linguistic concepts, this course looks at how language works in the mind: sounds, words, sentences, meaning, and language acquisition. Prerequisites: Sophomore standing. (F,Y)

Attributes: HM, TIII, TWOS
3 Credits

LNGS 24300 Language and the World (LA)

Building on introductory linguistic concepts, this course looks at how language works in the world: language variation, language change, computer-mediated communication, and systems of writing. Prerequisites: Sophomore standing. (S,Y)

Attributes: HM, TIII, TWOS
3 Credits

LNGS 24500 Translation and Self-Discovery (LA)

Theory and practice of translation as a form of writing that leads to discovery and self-discovery. Students read texts related to the role of translation in disparate areas of knowledge and select and translate short texts into English and from English into a second language with the goal of experiencing the field of translation, deepening their relationship to their own language, and finding their voice (or a new voice) in another language. This course is intended for students with an intermediate-level reading and writing proficiency in a language other than English. Cross-listed with WRTG 24500; students may not receive credit for both courses. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (IRR) Attributes: HM, TIDE, TIII, WI
3 Credits

LNGS 25000 Translation: The Art of Disguise (LA)

Examines the role of translation within the broader context of comparative literature. Drawing from representative texts spanning across centuries, students will discuss concepts of interpretation, faithfulness, loss and gain, negotiation, colonization, cannibalization and ethics. Explores the figure of the translator, both in theoretical and literary works, and approaches the field of translation from the perspective of practicing translators and translated authors. Basic reading proficiency in a language other than English is necessary. Cross-listed with ENGL 25000. Prerequisites: WRTG 10600 or ICSM 108xx or ICSM 118xx and Sophomore standing. (IRR) Attributes: 1, 3A, G, GERM, HM, HU, TIII, TWOS, WI
3 Credits

LNGS 34000 Selected Topics in Linguistics (LA)

Investigation of selected topics in the field of linguistics. Prerequisite: LNGS 23200 with a grade of C- or better. (IRR)
3 Credits

LNGS 40000 Capstone in World Languages and Cultures (LA)

Culminating course in the World Languages and Cultures major. Students are invited to extend and synthesize conceptual strands encountered earlier in the program while exploring the transformation of the field in the 21st century. Particular attention is paid to career opportunities and preparation for post-graduate work. (F,S,Y)
1 Credit

LNGS 49800 Senior Project in Translation (LA)

Individual research, analysis and translation of a literary or non-literary text (or selection of texts), supervised by a faculty mentor in the MLL department Culmination of the Translation Minor, and restricted to Translation minors. Course can be repeated once for up to six credits if completed in different languages. Prerequisites: Senior standing; LNGS 19402 or LNGS 25000; LNGS 23200; FREN 35500, GERM 35500, ITAL 35500 or SPAN 35500; permission of instructor. (IRR) Attributes: GERM
3 Credits

SPAN 10100 Elementary Spanish I (LA)

Beginning course. Practice in understanding, speaking, reading, and writing simple idiomatic Spanish with special attention to Spanish culture. Emphasizes participation and self-expression. Open to students with no previous Spanish, or by placement examination. (F,S,Y) Attributes: 3A, G, HM, HU, TIDE
3 Credits

SPAN 10200 Elementary Spanish II (LA)

Continuation of SPAN 10100. Limited to students who have successfully completed SPAN 10100 with a grade of C- or better, or by placement examination. Prerequisites: SPAN 10100 or equivalent. (F,S,Y) Attributes: 3A, G, HM, HU, TIDE
3 Credits

SPAN 10400 Intensive Elementary Spanish (LA)

An accelerated introductory-level course for students who have previously studied Spanish. The course prepares students for SPAN 20100 by reviewing material covered in SPAN 10100 and presenting SPAN 10200 content. Students may not receive credit for both SPAN 10400 and SPAN 10100 or SPAN 10200. By placement only. (F-S,Y) Attributes: 3A, G, HU
3 Credits

SPAN 20100 Intermediate Spanish I (LA)

Develops intermediate-level proficiency in speaking, listening, reading, and writing Spanish. Special emphasis is given to Spanish culture. Prerequisites: SPAN 10200 with a grade of C- or better. (F,S,Y) Attributes: G, HM, HU, TIDE
3 Credits

SPAN 20200 Intermediate Spanish II (LA)

Continuation of SPAN 20100. Develops intermediate-level proficiency in speaking, listening, reading, and writing Spanish. Special emphasis is given to Spanish culture. Prerequisites: SPAN 20100 with a grade of C- or better. (F,S,Y) Attributes: G, HM, HU, TIDE
3 Credits

SPAN 20300 Spanish Intermediate Conversation (LA)

An optional conversation course for students enrolled in SPAN 20100-20200 who want to maximize their conversational skills. May be repeated for a total of two credits. Does not count towards major or minor. Corequisites: SPAN 20100 or SPAN 20200. (F-S,Y) Attributes: HU
1 Credit

SPAN 26600 Spanish/Latin American Literature in Translation (LA)

A study of one or more principal works of major Spanish and/or Latin American writers. Taught in English. This course does not count towards language proficiency requirements in majors. (IRR) Attributes: CTE, HU, WGS
3 Credits

SPAN 29900 Independent Study: Spanish (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: Permission of instructor and chairperson. (IRR) Attributes: UND
1-3 Credits

SPAN 30100 Teaching Spanish Language to Children through Arts and Recreation (SALTAR) (NLA)

Service learning opportunity to teach Spanish language through cultural content to children in local elementary schools. May be repeated two times for a total of three credits. Prerequisites: Intermediate proficiency in Spanish assessed either via placement exam or successful completion of Spanish 20200. (Y) Attributes: SL
1 Credit

SPAN 30200 Teatro: Performance and Production (LA)

Production of select dramatic work(s) from Spanish, Latin, American, and US Latino traditions performed in Spanish. This course may be repeated for a total of three credits. Prerequisites: One SPAN course at the 30000-level (excluding SPAN 38000), or by placement exam. (IRR)

Attributes: LAEL

1 Credit

SPAN 32100 Advanced Spanish Grammar and Composition (LA)

Development of complex grammatical, semantic, and syntactical skills through writing and correction, and through examining different examples of written and spoken Spanish (both literary and nonliterary). Students will develop a sense of the writing process as an interaction between writer and reader, purpose and message. Prerequisites: SPAN 20200 with a grade of C- or better, or equivalent. (F-S,Y)

Attributes: CCCS, HU

3 Credits

SPAN 32300 Conversation: Contemporary Issues (LA)

Focuses on contemporary issues to develop students' speaking skills. Readings-based discussions, both literary and nonliterary, include ethical and moral issues, politics, youth culture, and technology and society. Prerequisites: SPAN 20200 with a grade of C- or better. (F-S,Y)

Attributes: 3A, CCCS, G, HU, LAEL

3 Credits

SPAN 32400 Conversation: The Spanish-Speaking World (LA)

Focuses on issues specific to the Spanish-speaking world to improve students' speaking skills. Readings-based topics, both literary and nonliterary, include Hispanic presence in the United States, bilingual education, and language and cultural influences. Prerequisites: SPAN 20200. (F-S,Y)

Attributes: 3A, CCCS, G, HU, LAEL

3 Credits

SPAN 32500 Experiencing Hispanic Literature (LA)

Provides students with essential vocabulary for critical literary analysis, and introduces them to four literary genres (poetry, drama, fiction, and essay) through representative readings from both Spanish and Latin American literatures. Teaches students to read literature and write about it from an analytical perspective. Prerequisites: SPAN 32100 or SPAN 32300 or SPAN 32400. (F,S,Y)

Attributes: LAEL, LSCH, LXME, RPRE, WGSJ

3 Credits

SPAN 33200 Advanced Business/Professional Spanish (LA)

Practice in speaking, reading, and writing Spanish, with an emphasis placed on business-oriented concepts and materials. Prerequisites: SPAN 32100 or SPAN 32300 or SPAN 32400. (S,O)

Attributes: CCCS, HU

3 Credits

SPAN 33300 Latin American Civilization and Culture (LA)

An exploration of the people and cultures of the Caribbean, Central America, and South America. Traces the development of these regions from indigenous prequest cultures to contemporary issues of globalization, while addressing ethnicity, gender, religion, class, and the arts. Prerequisites: SPAN 32100 or SPAN 32300 or SPAN 32400. (F,Y)

Attributes: G, H, HU, INBG, LXME, RPRE

3 Credits

SPAN 33400 Teatro: From the Page to the Stage (LA)

Survey of select dramatic works from Spanish, Latin American, and US Latino traditions. Students read, analyze, adapt and perform select dramatic works. Prerequisites: One SPAN course at the 30000-level (excluding SPAN 38000), or by placement exam. (IRR)

Attributes: DV, LAEL, LXME, RPRE

3 Credits

SPAN 33500 Spanish Civilization and Culture (LA)

Cultural exploration of Spain from its prehistory to the present. Topics include people, geography, politics, economy, literature, sciences, music, visual arts, gastronomy, and patterns of daily life. Prerequisites: SPAN 32100 or SPAN 32300 or SPAN 32400. (S,Y)

Attributes: G, H, HU, INBG

3 Credits

SPAN 33700 Introduction to Spanish Literature (LA)

An overview of Spanish literature from the Middle Ages to the present. Special attention will be given to literary movements and recurrent themes. Required for Spanish majors. Prerequisites: SPAN 32500, or by placement examination. (F,Y)

Attributes: 3A, DV, G, HU

3 Credits

SPAN 33800 Introduction to Latin American Literature (LA)

An overview of Latin American literature from the colonial period to the present. Special attention will be given to literary movements and recurrent themes. Required for Spanish majors. Prerequisites: SPAN 32500, or by placement examination. (F,S,Y)

Attributes: 3A, DV, G, HU, RPRE

3 Credits

SPAN 35500 Spanish Translation in Practice (LA)

Further study of the Spanish language through the art of translation. Students develop skills in English/Spanish and Spanish/English translation using a variety of texts (letters, literary selections, journalism, advertisements, and "how to" material). A close reading of the material translated helps the student focus on the nuances of each language and cultural differences. Prerequisites: SPAN 32100. (IRR)

Attributes: LAEL, WI

3 Credits

SPAN 37900 Selected Topics in Spanish and/or Latin American Literature and Culture (LA)

Explores themes pertinent to Spanish and/or Latin American literature and culture. May be repeated for a total of six credits when topics vary. Prerequisites: SPAN 32100 and SPAN 32500. (IRR)

Attributes: LAEL, RPRE

3 Credits

SPAN 38000 Latino/a Culture through Literature (LA)

This course examines, through literature, the experience and assimilation of Spanish-speaking immigrants to the United States – at present, the nation's largest minority group. It will explore such themes as how Latino/a authors negotiate a path between two cultures and two languages; the presence of Hispanic/Latino groups in the United States; racism and classism; religion; popular culture and the role of women; and the importance of the family. Taught in English. This course does not count towards language proficiency requirements in majors. Prerequisites: Three courses in the humanities or social sciences. (IRR)

Attributes: CTE, DV, G, LAEL, LSCH, LXME, RPRE, WGS, WGS3, WGSJ

3 Credits

SPAN 39900-39901 Independent Study: Spanish (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: SPAN 32500 or SPAN 32300, or equivalent; permission of instructor and chairperson. (IRR)

Attributes: UND

1-3 Credits

SPAN 43700 Contemporary Spanish Culture through Film (LA)

Film is used as a tool through which students will learn about the cultural movements and historic events that have shaped, and continue to shape, contemporary Spanish national identity. Of particular interest will be the Surrealist movement, depictions of the Spanish Civil War, the years of Franco's dictatorship, the Movida, and (re)current polemic issues.

Prerequisites: SPAN 33500 and SPAN 33700. (IRR)

Attributes: HU, INBG, SCE

3 Credits

SPAN 45400 Cervantes (LA)

A study of "Don Quijote" and a selected group of "novelas ejemplares" (short stories) and plays, with particular reference to Cervantes's unique contribution to the modern novel and world literature.

Prerequisites: SPAN 33700 or SPAN 33800. (IRR)

Attributes: HU

3 Credits

SPAN 45500 Golden Age Drama (LA)

The drama of Spain's golden age - the Renaissance and the baroque period - is one of the greatest achievements of world literature. We examine Spain's national drama, its precepts, and its literary tradition created by Lope de Vega and continued for more than 100 years, from 1580 to 1700, by other playwrights such as Calderón, Tirso de Molina, and Alarcón. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)

Attributes: HU

3 Credits

SPAN 45600 Golden Age Poetry (LA)

The poetry of Spain's golden age - the Renaissance and baroque periods - is one of the greatest achievements of world literature. We examine the Italianate poetry of Garcilaso de la Vega, and his followers, and the development of lyrical poetry by other poets of the periods such as Fray Luis de León, Lope de Vega, Francisco de Quevedo, and San Juan de la Cruz. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)

Attributes: HU

3 Credits

SPAN 45700 Golden Age Prose (LA)

The prose of Spain's golden age - the Renaissance and the baroque period - is one of the greatest achievements of world literature. We examine the origin and development of the picaresque novel, the pastoral novel, and short stories. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)

Attributes: HU

3 Credits

SPAN 46100 Medieval Spanish Literature (LA)

Study of representative texts of medieval Spain such as Poema de Mio Cid, Libro de Buen Amor, and La Celestina. Examines the coexistence of Christians, Jews, and Muslims, and their contributions to the development of Western civilization. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)

Attributes: HU

3 Credits

SPAN 46300 Nineteenth-Century Spanish Literature (LA)

Study of representative works of naturalism, realism, and romanticism.

Typical authors include Pardo Bazán, Galdos, and Rosalía de Castro.

Prerequisites: SPAN 33700 or SPAN 33800. (IRR)

Attributes: 3A, G, HU

3 Credits

SPAN 46400 Contemporary Spanish Literature (LA)

A study of contemporary Spanish fiction, poetry, drama, and essays connecting literature to history, culture, politics, and art forms of the period through linguistic and textual analysis. Readings include texts from the Generación del '98 to the present. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)

Attributes: 3A, G, HU

3 Credits

SPAN 47100 Latin American Fiction (LA)

Traces the development of a particularly Latin American voice through the readings of representative contemporary short stories and novels.

Readings may include works by Martí, Azuela, Borges, Fuentes, Cortázar, García Márquez, Allende, and Ferré. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)

Attributes: 3A, G, HU

3 Credits

SPAN 47200 Latin American Poetry and Drama (LA)

Familiarizes the student with the writings of major Latin American poets from the colonial period to the present and with the works of contemporary Latin American dramatists. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)

Attributes: 3A, G, HU

3 Credits

SPAN 47300 Modernismo (LA)

Analysis of the poetical and prose work of "modernismo" (1888-1910), Latin America's first authentic literary movement. Emphasis is given to the study of the new aesthetics and to the desire of Latin America's writers to affirm a new cultural identity. Readings include selections from Martí, Casals, Darío, Silva, Lugones, Rodó, and others. Prerequisites: SPAN 33700 or SPAN 33800. (IRR)

Attributes: HU, LSPL, LXME

3 Credits

SPAN 47400 Topics in Spanish and/or Latin American Literature and Culture (LA)

Studies themes pertinent within Spanish and/or Latin American literature and culture. May be repeated for a total of nine credits when topics vary.

Prerequisites: SPAN 33700 or SPAN 33800. (IRR)

Attributes: 3A, G, HU

3 Credits

SPAN 49100 Seminar (LA)

Study of selected topics in Spanish and/or Latin American literature and/or culture. Prerequisites: A minimum of two Spanish literature courses numbered SPAN 33700 or above. May be repeated for a total of six credits when topics vary. (F,S,Y)

Attributes: LAEL, WGS, WGS3, WGS1

3 Credits

SPAN 49900 Honors Research (LA)

Individual research, study, and writing on particular topics, supervised by a member of the department and presented before a departmental committee. For students who meet the honors criteria as described in the undergraduate catalog. (IRR)

Attributes: UND

3 Credits

SPAN 55000 The Art of Translation: Spanish to English, English to Spanish (LA)

Extensive study of the Spanish language through translation. Students will be exposed to theories of translation and will develop skills in English/Spanish and Spanish/English translation using a variety of texts (letters, literary selections, journalism, advertisements, and “how to” material). Close readings of the material translated help students focus on the nuances of each language and appreciate cultural differences.

Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

SPAN 55400 Cervantes (LA)

In-depth study of Don Quixote and a selected group of novelas ejemplares (short stories) and plays, with particular reference to Cervantes’s unique contributions to the modern novel and world literature. Offered in a four-year cycle with SPAN 55500, SPAN 55600, and SPAN 55700. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

Attributes: HU

3 Credits

SPAN 55500 Golden Age Drama (LA)

Extensive study of Spanish Golden Age drama, including its precepts and literary manifestations. Emphasis will be given to the relationship between the state and the stage. There will be close analysis of Lope de Vega’s seminal works as well as those written by Calderón, Tirso de Molina, and Alarcón. Offered in a four-year cycle with SPAN 55400, SPAN 55600, and SPAN 55700. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

Attributes: HU

3 Credits

SPAN 55600 Golden Age Poetry (LA)

Thorough study of the poetry of Spain’s Golden Age. Examination of the Italianate poetry of Garcilaso de la Vega and his role in the development of Spanish lyrical poetry as manifested in the writings of Fray Luis de León, Lope de Vega, Francisco de Quevedo, and San Juan de la Cruz. Offered in a four-year cycle with SPAN 55400, SPAN 55500, and SPAN 55700. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

Attributes: HU

3 Credits

SPAN 55700 Golden Age Prose (LA)

In-depth study of Spain’s Golden Age prose through close analysis of novelistic genres that include the picaresque and pastoral novels as well as short stories. Offered in a four-year cycle with SPAN 55400, SPAN 55500, and SPAN 55600. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

Attributes: HU

3 Credits

SPAN 56100 Medieval Spanish Literature (LA)

In-depth study and analysis of representative texts from medieval Spain, such as Poema de Mio Cid, Libro de Buen Amor, and La Celestina. Students will also consider the coexistence of Christians, Jews, and Muslims, and their contributions to the development of Western civilization. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

Attributes: HU

3 Credits

SPAN 56300 Nineteenth-Century Spanish Literature (LA)

Thorough focus on the significant novels, short stories, poetry, and essays of the literary schools and movements of 19th-century Spain. Readings will include realist and naturalist authors such as Mariano José de Larra, Juan Valera, Vicente Blasco Ibáñez, Rosalía de Castro, Benito Pérez Galdós, and Emilia Pardo Bazán. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

SPAN 56400 Contemporary Spanish Literature (LA)

Extensive textual analysis of Spanish literature from the turn of the 20th century to the present day. Topics may include the generation of ‘98; the generation of ‘27, Tremendismo, and post-Franco prose and poetry. Emphasis will be placed on the relationship between literature and society. Genres studied may include fiction, nonfiction, poetry, drama, and essays. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

SPAN 57100 Latin American Fiction (LA)

Extensive study of the works of major Latin American fiction writers. Readings include works by Borges, Fuentes, Cortázar, García Márquez, and Allende. Offered in a four-year cycle with SPAN 57200, SPAN 57300, and SPAN 57400. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

SPAN 57200 Latin American Poetry and Drama (LA)

Thorough analysis of works written by major Latin American contemporary poets and playwrights. Offered in a four-year cycle with SPAN 57100, SPAN 57300, and SPAN 57400. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

SPAN 57300 Modernismo (LA)

In-depth analysis of modernismo (1888-1910), Latin America’s first authentic literary movement. Close readings of poetry, fiction, and essays by the likes of José Martí, Julian del Casal, Rubén Darío, José Asunción Silva, Leopoldo Lugones, and José Enrique Rodó. Offered in a four-year cycle with SPAN 57100, SPAN 57200, and SPAN 57400. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

SPAN 57400 Topics in Latin American Literature (LA)

In-depth study of literary themes such as the conquest and the colonial experience, Latin America’s search for identity, the dictator in Latin American literature, fiction and revolution, nation building, and cultural spaces. Offered in a four-year cycle with SPAN 57100, SPAN 57200, and SPAN 57300. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

SPAN 59100 Seminar (LA)

Study of selected topics in Spanish and/or Latin American literature and/or culture. Prerequisites: A minimum of two Spanish literature courses numbered SPAN 33700 or above. May be repeated for a total of when topics vary. (F-S,Y)

3 Credits

SPAN 59900 Independent Study: Spanish (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: permission of instructor. (IRR)

1-3 Credits

World Languages and Cultures – B.A.

Students in the World Languages and Cultures B.A. major may *not* enroll in any of the following language-based minors in the department:

- French
- German Area Studies
- Italian Studies
- Spanish.

Students in the World Languages and Cultures B.A. *may* enroll in one of the department's other minors, but can count only two courses in the major towards the minor. This policy applies to the following minors:

- Comparative Literature
- Linguistics
- Translation Studies.

Department policy on prerequisites: A grade of C- or better is required for a 10100, 10200, 10400, 20100, and 20200 course in any language to fulfill a prerequisite for another course in the same language.

Summary

Code	Title	Credits
	World Languages and Cultures B.A. Major Requirements	37
	Integrative Core Curriculum Requirements ¹	28-40
	Electives	43-55
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Code	Title	Credits
FOUNDATION REQUIREMENTS		
Choose two of the following:		6
LNGS 11100	Global Screen Cultures	
LNGS 11200	Intersections of Race, Language, Literature, and Power in World Cultures	
LNGS 12000	Introduction to the Art of Translation	
LNGS 23200	Introduction to Linguistics	
CORE LANGUAGE STUDY		
18 credits of language study in a single language, FREN, GERM, ITAL, or SPAN, numbered 10100 or above.		18
•A minimum of six credits of Core Language Study must be at the 300-level or above.		
CAPSTONE		
LNGS 40000	Capstone in World Languages and Cultures	1
FOCUSED STUDY AREA		
Select an additional 12 credits of courses of courses offered by the department.		12
•Electives may include the remaining Foundation Requirements courses.		
•No more than six credits of 100-level courses can be included in the Focused Study Area.		

It is expected that students focus these electives in one of three ways:

- focused study in a single language: all 12 credits in continued study of the core language
- focused study in an additional language: 12 credits of study in an additional language
- focused study in linguistics and translation: 12 credits of courses in linguistics and/or translation studies.

Students must determine their focused area of study no later than the spring semester of the junior year, and in consultation with their major advisor. The focused study area is noted on the transcript.

Total Credits **37**

Spanish Major – B.A. with Teaching Option

No additional students are being admitted to this program as of Fall 2021.

This program prepares students for initial New York State certification to teach at the secondary school (7-12) level.

Summary

Code	Title	Credits
	Spanish with Teaching Option B.A. Content Area Requirements	39-51
	Core Education Requirements	39
	Integrative Core Curriculum Requirements ¹	17-29
	Electives	1-25
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement (p. 385).

Degree Requirements

Code	Title	Credits
CREDITS IN THE CONTENT AREA		
SPAN 33300	Latin American Civilization and Culture or SPAN 33500 Spanish Civilization and Culture	3
SPAN 33700	Introduction to Spanish Literature	3
SPAN 33800	Introduction to Latin American Literature	3
SPAN 4xxxx	Spanish elective seminar at the 400-level	3
SPAN xxxxx	Additional Spanish courses numbered beyond 20300	24
LNGS 23200	Introduction to Linguistics	3
Courses in a second foreign language through level 2, or equivalent proficiency		0-12
CORE EDUCATION REQUIREMENTS ¹		
EDUC 10200	Reading Foundations	2
EDUC 20200	Literacy Across the Disciplines for Middle and Secondary Education	2
EDUC 20100	Technology for the Middle/Secondary School Teacher	2

EDUC 21010	Educational Psychology	3
EDUC 21800	Introduction to Pedagogy and Practice	3
EDUC 21910	Early Field Experience: Theory and Practice	3
EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education	3
EDUC 40800	Professional Development Seminar	0
EDUC 41310	Pedagogy and Practice of Teaching Languages Other Than English	3
EDUC 41210	Seminar in Reflective Practice	3
EDUC 49810	Professional Semester in Education	12
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
Total Credits		78-90

¹ EDUC 22900 will not be required of Spanish with teaching option majors because the material covered in that course duplicates that covered in EDUC 41310.

Additional Education Requirements

1. All teaching-option students must successfully complete a writing course numbered WRTG 10600 or above.
2. Teaching-option candidates must take the ACTFL-OPIC (Oral proficiency Interview via computer, developed by the American Council on the Teaching of Foreign Language and administered by Language Testing International) during or before their EDUC 41310 course and obtain a minimum rating of Advanced Low for their oral proficiency in order to proceed into student teaching. Information about this exam is available at <http://www.language-testing.com/wp-content/uploads/2012/07/OPIC-Familiarization-Manual.pdf>. Questions about this program requirement can also be directed to the Department of Education.
3. All teaching-option students must maintain a minimum overall G.P.A. of 3.0 as well as a G.P.A. of 3.0 in their subject area coursework.
4. Students must earn a grade of B or better in all EDUC courses in the Education Core to qualify for student teaching. A grade of B- does not qualify.
5. EDUC 49810 and EDUC 41210 constitute a full course load during the student-teaching semester. No additional courses may be taken nor can teacher candidates participate in extra-curricular activities that have the potential to affect time for teaching and preparation.
6. During the semester of student teaching, the student may not play a college sport.
7. All candidates for initial certification must successfully complete all New York State Certification tests or performance assessments required by the state for the applicant's intended teaching certificate (type, grade levels, and subject areas).
8. The department chair and the coordinator of teacher education in the subject area must approve any exceptions to the above requirements.

9. The All-College Teacher Education Unit at Ithaca College requires teacher education students, regardless of program area, to be reviewed at four programmatic transition points during their course of study. Continuation in a teacher education major is contingent upon the student successfully meeting the requirements of each transition point review; therefore, admission into one of the Ithaca College Teacher Education Program majors at admission or upon transfer to the College *does not guarantee* that a student will be allowed to complete the program required for teaching certification. Further information can be found in the Unit-Wide Assessment Systems section of the main Department of Education catalog page.

Comparative Literature Minor

Students with no prior college-level literature courses are advised to begin this minor with a 100-level introductory course. Courses taken for the comparative literature minor may not be counted toward the English major or minor. A maximum of six credits of courses taken for the comparative literature minor may be used toward the World Languages and Cultures major, and a maximum of three credits may be used towards a language minor.

Requirements

There are 21 credits in the minor, of which 9 credits must be at the 300- or 400-level.

Code	Title	Credits
CORE COURSE		
ENGL 20100	Approaches to Literary Study	3
COMPARATIVE LITERATURES IN ENGLAND AND THE AMERICAS		
Select three of the following:		9
ENGL 21100	Jewish-American Writers	
ENGL 22000	Black Women Writers	
ENGL 22100	Survey of African American Literature	
ENGL 23200	Medieval Literature	
ENGL 31100	Dramatic Literature I	
ENGL 31200	Dramatic Literature II	
ENGL 325xx	Studies in Medieval English Literature	
ENGL 369xx	Studies in Multicultural American Literature	
ENGL 371xx	Studies in African American Literature	
ENGL 382xx	Studies in Modern Literature	
ENGL 41000	Seminar in Medieval English Literature	
SPAN 33800	Introduction to Latin American Literature	
SPAN 38000	Latino/a Culture through Literature	
SPAN 47100	Latin American Fiction	
SPAN 47200	Latin American Poetry and Drama	
SPAN 47300	Modernismo	
SPAN 474xx	Topics in Latin American Literature	
EUROPEAN AND WORLD LITERATURES		
Select nine credits of the following:		9
ENGL 23100	Ancient Literature	
FREN 31200	French Literature in Translation	
FREN 31300	Introduction to French Literature	

FREN 34500	Francophone Literature	
FREN 377xx	Selected Topics in French Literature and Culture	
FREN 45100	Nineteenth- and Twentieth-Century French Literature	
FREN 47700	Seminar: Readings in French Literature	
GERM 25200	German Literature in Translation	
GERM 36500	Masterworks in German	
GERM 38100	German Conversation and Culture	
or GERM 38200	German Conversation and Culture	
GERM 39300	Selected Topics in German Literature	
or GERM 39400	Selected Topics: German Literature	
ITAL 27000	Inferno to Infinity: Italian Literature in Translation	
ITAL 36500	Nineteenth- and Twentieth-Century Italian Literature	
ITAL 37000	Love, Lust, and the Black Death: Boccaccio's Decameron	
ITAL 37500	Images of Hell: Dante's Inferno	
ITAL 380xx	Selected Topics in Italian Literature and Culture	
SPAN 26600	Spanish/Latin American Literature in Translation	
SPAN 33700	Introduction to Spanish Literature	
SPAN 35500	Spanish Translation in Practice	
SPAN 45400	Cervantes	
SPAN 45500	Golden Age Drama	
SPAN 45600	Golden Age Poetry	
SPAN 45700	Golden Age Prose	
SPAN 46100	Medieval Spanish Literature	
SPAN 46300	Nineteenth-Century Spanish Literature	
SPAN 46400	Contemporary Spanish Literature	
SPAN 49100	Seminar	
Total Credits		21

French Minor

Courses taken for the French minor may not be counted toward the World Languages and Cultures major. **Students with no prior experience in French should begin with FREN 10100; students with some knowledge of the language should begin at the level determined by the French placement exam or by past college-level coursework (see Departmental Policies on Placement Examinations).**

Requirements

Code	Title	Credits
FREN xxxxx	Minimum of 18 credits in French courses, with at least 3 credits at the 300-level	18
Total Credits		18

German Area Studies Minor

Courses taken for the German Area Studies minor may not be counted toward the World Languages and Cultures major. **Students with no prior experience in German should begin with GERM 10100; students with**

some knowledge of the language should begin at the level determined by the German placement exam or by past college-level coursework (see Departmental Policies on Placement Examinations).

Requirements

Code	Title	Credits
GERM xxxxx	Minimum of 18 credits in German courses, with at least 3 credits at the 300-level	18
Total Credits		18

Italian Studies Minor

Courses taken for the Italian Studies minor may not be counted toward the World Languages and Cultures major. Students with no prior experience in Italian should begin with ITAL 10100; students with some knowledge of the language should begin at the level determined by the Italian placement exam or by past college-level coursework (see Departmental Policies on Placement Examinations).

Requirements

Code	Title	Credits
ITAL xxxxx	Minimum of 18 credits in Italian courses, with at least 3 credits at the 300-level	18
Total Credits		18

Spanish Minor

Courses taken for the Spanish minor may not be counted toward the World Languages and Cultures major. **Students with no prior experience in Spanish should begin with SPAN 10100; students with some knowledge of the language should begin at the level determined by the Spanish placement exam or by past college-level coursework (see Departmental Policies on Placement Examinations).**

Requirements

Code	Title	Credits
SPAN xxxxx	Minimum of 18 credits in Spanish courses, with at least 6 credits at the 300-level or above	18
Total Credits		18

Linguistics Minor

Linguistics minors may use a maximum of six credits towards the World Languages and Cultures B.A. major, and a maximum of three credits towards a language minor.

Requirements

Code	Title	Credits
Core Courses		9
LNGS 23200	Introduction to Linguistics	
LNGS 24200	Language and the Mind	
LNGS 24300	Language and the World	
Restricted Electives ¹		9
LNGS 12000	Introduction to the Art of Translation	
or LNGS 250	Translation: The Art of Disguise	

LNGS 340xx	Selected Topics in Linguistics ²
COMP 32100	Programming Languages
CMST 12000	Comm, Culture, & Rhetoric
EDUC 22900	Second Language Acquisition: Its Nature and Meaning for Educators
ENGL 42500	History and Structure of the English Language
PHIL 20300	Introduction to Logic
PHYS 16000	Physics of Sound
SLPA 11010	Phonetics
WRTG 22500	Grammar and Usage
WRTG 33000	Style and Syntax
Three credits of foreign language (ARAB, CHIN, FREN, GERM, HEBR, ITAL, LATN, SPAN)	
Total Credits	

18

¹ Some of the courses in this list may have additional prerequisites.
² A maximum of 6 credits from LNGS 340xx may be applied toward the minor.

Translation Studies Minor

Minors in Translation Studies may use a maximum of 6 credits toward the World Languages and Cultures B.A. major. Language minors may use a maximum of 3 credits from their minor program toward the Translation Studies minor.

Requirements

Code	Title	Credits
Core Requirements		
LNGS 12000	Introduction to the Art of Translation	3
or LNGS 25000 Translation: The Art of Disguise		
LNGS 23200	Introduction to Linguistics	3
LNGS 49800	Senior Project in Translation	3
Language-Specific Requirements		
Select one of the following language sequences: ¹		9
FREN 35500	French Translation in Practice	
FREN xxxxx	Six credits at level 3 or above, taught in French	
or		
GERM 35500	German Translation in Practice	
GERM xxxxx	Six credits at level 3 or above, taught in German	
or		
ITAL 35500	Italian Translation in Practice	
ITAL xxxxx	Six credits at level 3 or above, taught in Italian	
or		
SPAN 35500	Spanish Translation in Practice	
SPAN xxxxx	Six credits at level 3 or above, taught in Spanish	
Total Credits		18

¹ The following conversation courses cannot count towards this minor requirement: GERM 32300, ITAL 32300, ITAL 32400, SPAN 32300, or SPAN 32400.

Department of Writing

Bachelor of Arts

Eleanor Henderson, Associate Professor and Chairperson

The Department of Writing offers a comprehensive curriculum designed to foster clarity and creativity in expression, as well as to develop expertise in various writing styles and genres. It provides instruction in first-year writing for entering students; advanced study in expository, creative, and professional writing; and a 21-credit minor for students in diverse disciplines. The B.A. in writing offers serious writers guidance and experience in a range of genres; students may also elect to complete a concentration in creative writing, nonfiction, feature writing, or professional writing. The major, which blends theory and practice, prepares students for graduate study, professional positions, and careers in writing.

First-Year Composition

The Department of Writing strives to offer a first-year composition curriculum that represents the most current thinking and the best pedagogical practices in our discipline. Our central goal is to produce writers who are “rhetorically aware,” who analyze the social contexts that create occasions for writing, consider the needs of potential audiences, and make wise choices about content, format, and style. We encourage our students to become active participants in ongoing discussions that are taking place in academic literature and public discourse. Our courses emphasize a process approach to writing that involves critical thinking, drafting, and revising.

Writing Center

The Department of Writing operates the Writing Center (located in 107 Smiddy Hall), a free service for all Ithaca College students, staff, and faculty, which focuses on helping people from all disciplines develop and refine their writing skills. Trained peer and faculty tutors provide help at any stage of the writing process, from reading and pre-writing through drafting, revising, and editing, in a professional and friendly atmosphere. The Writing Center also offers drop-in sessions, workshops, and focused assistance for English language learners.

The Distinguished Visiting Writers Series

Every semester The Distinguished Visiting Writers Series brings writers of national standing to campus in the genres of fiction, poetry, and nonfiction. In addition to giving public readings, visiting writers teach a 1-credit multi-genre workshop that includes individual conferences with students. Admission to the class is by application only.

Internship Program in Writing and Publishing

Writing sophomores, juniors, and seniors may intern at more than 50 sites in the Ithaca area throughout the year. Our program assists students in locating internships both locally or through the New York City and London programs during the academic year and at diverse sites across the U.S. during the summer months.

Stillwater

The Department of Writing offers a special opportunity to students interested in writing and graphic arts to publish *Stillwater*, an annual

magazine of poetry, prose, photography, and art. The students who staff the publication make all editorial selections and engage in all aspects of design, production, and publicity. Submissions are open to the entire College community.

Majors & Minors

- Writing Major — B.A. (p. 581)
- Writing Minor (p. 582)

WRTG 10600 Academic Writing I (LA)

This introductory, freshman-level course teaches students how to read perceptively and write coherently in college courses. Students learn to comprehend, critique, and respond to college readings by writing analytical essays ranging from single-source papers to evaluations of the claims and evidence in a number of readings. Typical assignments include single-source critiques and multiple-source syntheses. The course emphasizes thoughtful and responsible use of sources. May satisfy departmental and school requirements for a level-1 writing course. Prerequisites: Open only to freshmen and sophomores. (F-S,Y) Attributes: 3A, HU 3 Credits

WRTG 16500 Introduction to the Essay (LA)

Introduces the principal concepts of creative writing through study and practice within the genre of the essay. Asks students to examine the intentions, strategies, and styles of selected essays from long ago to the present. Prerequisites: ICSM 10800, ICSM 11800, or WRTG 10600; Writing majors. (F,S,Y) Attributes: 3A, HU 3 Credits

WRTG 17500 Introduction to Creative Writing (LA)

Elements and techniques of writing fiction and poetry introduced through instruction, analysis of models, experimentation, and practice. Not open to students who have previously received credit for WRTG 23600 or WRTG 23800. Prerequisites: ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y) Attributes: 3A, CA, FA, HM, MC, TIDE, TIII 3 Credits

WRTG 20100 Argument (LA)

Prepares students to write convincing arguments by learning logical strategies for researching, presenting and defending ideas. Introduces a variety of forms that arguments can take; topics range from the traditional essay to the multi-modal. Particularly recommended for students who wish to strengthen their ability to present their point of view persuasively, intelligently, and ethically. Prerequisites: ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y) Attributes: HU, LSCO, MC 3 Credits

WRTG 20500 Personal Essay (LA)

Writing essays based on analysis of students' experiences, ideas, and feelings. Emphasis is placed on narrative, descriptive, and organizational techniques, as well as development of style. Readings are intended to deepen students' understanding of their own lives and provide models for creative interpretations of their own experience. Prerequisites: ICSM 10800, ICSM 11800, or WRTG 10600. (F-S,Y) Attributes: 3A, CA, HM, HU, TIDE 3 Credits

WRTG 21100 Writing for the Workplace (LA)

Basic on-the-job writing necessary to join, manage, and promote any organization, whether profit or nonprofit. Focus is primarily on short forms: résumés, memos, business letters, summaries, brochures, newsletters, press releases, informal proposals, and reports. Course also explores how various social, economic, and ethical issues affect workplace writing. Prerequisites: Sophomore standing; ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y) Attributes: ESTS, HU, WI 3 Credits

WRTG 21300 Technical Writing (LA)

Fundamentals for communicating technical information to general and specialized audiences. Class emphasizes the foundations of technical writing, their formats and applications, context-specific writing strategies, basic visual design, and ethics. Some reading in and discussion of the history of technology and its influence on human society and culture. Prerequisites: Sophomore standing; ICSM 10800, ICSM 11800, or WRTG 10600. (F,E) Attributes: ESTS, HU, WI 3 Credits

WRTG 21700 Inquiry, Research, & Writing Across the Curriculum (LA)

Prepares students across the disciplines to engage in inquiry-based research, examining questions relevant to their fields and interests and producing substantial formal writing in a range of research genres. Emphasizes writing and research as recursive processes. Focuses on development of effective research practices, including identifying, locating, evaluating, and integrating sources ethically and effectively. Prerequisites: ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y) Attributes: HM, TIII, WI 3 Credits

WRTG 22500 Grammar and Usage (LA)

Intensive study of the patterns of English grammar and their influence on sentence structure, punctuation, and usage. Daily exercises in contemporary usage and writing assignments prepare students for refining their own academic prose and for editing the work of others. Prerequisites: Sophomore standing; ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y) Attributes: HU 3 Credits

WRTG 23200 Creative Nonfiction (LA)

Introduction to writing research-based creative nonfiction. Readings are intended to expose students to the breadth of the nonfiction genre. Emphasis is placed on literary technique, ethics, and research. Prerequisites: Sophomore standing; ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y) Attributes: ESTS, HU 3 Credits

WRTG 23600 Fiction Writing I: Short Story (LA)

Workshop in writing short fiction, emphasizing character, plot, dialogue, scene, point of view, and other elements of fiction. Students practice revision as part of the writing process. Analysis of both published and student writing. Prerequisites: WRTG 17500. (F,S,Y) Attributes: 3A, FA 3 Credits

WRTG 23800 Poetry Writing I (LA)

Workshop in writing poetry, in which students develop poetic strategies and practice a range of poetic forms and modes. Craft analysis of published models (both historical and contemporary) and student writing. Analysis will include discussion of how poems work to reflect and/or critique their social contexts. A final portfolio of revised work is required.

Prerequisites: WRTG 17500. (F,S,Y)

Attributes: 3A, FA

3 Credits

WRTG 24500 Translation and Self-Discovery (LA)

Theory and practice of translation as a form of writing that leads to discovery and self-discovery. Students read texts related to the role of translation in disparate areas of knowledge and select and translate short texts into English and from English into a second language with the goal of experiencing the field of translation, deepening their relationship to their own language, and finding their voice (or a new voice) in another language. This course is intended for students with an intermediate-level reading and writing proficiency in a language other than English. Cross-listed with LNGS 24500; students may not receive credit for both courses.

Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)

Attributes: HM, TIDE, TIII, WI

3 Credits

WRTG 25200 Sophomore Internship (NLA)

Work and study project designed by the student early in undergraduate career, in consultation with a faculty sponsor and a practicing professional. The H&S internship proposal includes learning objectives, a detailed work plan, and a description of the student's plans for reports to the faculty sponsor. May be repeated up to 3 or total. Offered on demand only. Prerequisites: Two WRTG courses. (F,S,U,Y)

1-3 Credits

WRTG 30100 Memoir (LA)

Advanced course surveying and writing in the memoir genre. Encourages students to recognize developmental patterns in their own lives and understand the social and political context of their experience. Emphasis is placed on the thematic, structural, and stylistic problems of writing a book-length autobiographical narrative. Readings are used to model the genre and address relevant issues, such as the selectivity of memory, the public presentation of the private self, and the literary value of daily life.

Prerequisites: WRTG 20500 or WRTG 23600. (F,S,Y)

Attributes: 3A, FA

3 Credits

WRTG 30500 Writing Science Fiction and Fantasy (LA)

Advanced creative writing course in science fiction and fantasy that emphasizes the importance of character and thematic development. Assignments also focus on the selection of subject, setting, and narrative techniques. Readings in science fiction and fantasy serve as models for approaches to these two genres. Prerequisites: WRTG 23600. (S,Y)

Attributes: FA

3 Credits

WRTG 31000 Women and Writing (LA)

Introduction to and exploration of gender and women's experience, both historical and contemporary, through different literary forms. Students will become familiar with and apply feminist theory to a variety of creative forms. Writing assignments may include nonfiction, fiction, poetry, and/or dramatic writing. Readings by women writers past and present.

Prerequisites: WRTG 20500, WRTG 23600, or WRTG 23800. (F,S,Y)

Attributes: 3A, FA, WGS, WGS3, WGSC

3 Credits

WRTG 31100 Writing for the Professions (LA)

Advanced, thematically centered workplace writing focusing on more complex forms: policy statements, position papers, dossiers, legal documentation, and long reports. Course themes vary and encourage dialogue on major issues among different professions in business, government, law, and medicine. All sections are grounded in argument, ethics, and the humanities. Class readings may include casebooks, theoretical essays, or historical documents. Prerequisites: Junior standing; and one of the following: WRTG 20100, WRTG 21100, or WRTG 21300; or three courses in ANTH, CMST, CSCR, ECON, ENVS, GBUS, HLTH, INTB, JOUR, LEGST, MKTG, POLT, PSYC, SOCI, STCM, or WGST. (S)

Attributes: ESTS, HU, WI

3 Credits

WRTG 31400 Science Writing (LA)

Advanced expository course on journalistic and literary scientific writing. Students learn to communicate scientific facts and theories to professional and sophisticated lay readers through description, analogy, narrative, and argument. Some discussion of the technical and scholarly conventions of formal scientific writing. Class readings include major humanistic essays from the history of science and articles and features from contemporary popular and scientific publications. Prerequisites: Junior standing; WRTG 20100 or WRTG 21300; or three courses in COMP, BIOC, BIOL, CHEM, ENVS, EXSS, HLTH, MATH, or PHYS. (S)

Attributes: ESTS, WI

3 Credits

WRTG 31700 Proposal and Grant Writing (NLA)

Advanced workplace writing concentrating on proposals and grants. Students address problems in the local community while studying the interplay among business, education, government, and nonprofits.

Attentive to civic responsibility in the marketplace, this course teaches research and assessment, project management, editing, and document design. Group work emphasizes social networks and service learning. Prerequisites: Junior standing; WRTG 20100, WRTG 21100, or WRTG 21300. (F,S,Y)

Attributes: ESTS, SL

3 Credits

WRTG 31800 Writing from Cultural Experience (LA)

Advanced essay course in which students explore the significance of their own ethnic and cultural identity, background, and experience. Writing assignments encourage students to employ a variety of essay styles and structures – from personal to public and from narrative to analytical. Appropriate for any students who recognize their life experience as distinct by virtue of their nationality, race, religion, region, gender, sexual preference, or culture. Prerequisites: WRTG 20100, WRTG 20500, or WRTG 23200. (IRR)

Attributes: 3A, DV, HU

3 Credits

WRTG 31900 Writing as a Naturalist (LA)

Advanced expository essay course focusing on human interactions with the rest of the natural world. Readings are selected from the writing of naturalists, environmentalists, scientists, legislators, artists, poets, and philosophers. Writing assignments include field observation, description, analysis, and argument. Prerequisites: Two ENVS courses level 2 or above; WRTG 20100, WRTG 20500, or WRTG 23200. (IRR)

Attributes: 3A, ESTS, HU

3 Credits

WRTG 32000 Public Essay (LA)

A public essay is a vehicle for making sense of the world, for offering commentary about it that deepens the reader's understanding and awareness of our condition. This advanced expository course provides students the occasion to write reflective literary essays on topics of public interest and significance. Students bring their own values, perspectives, insights, and voice to bear on matters of community concern. Prerequisites: Junior standing; WRTG 20100, WRTG 20500, or WRTG 23200. (F-S,Y)

Attributes: ESTS, HU, LSCO

3 Credits

WRTG 32500 Writing Children's Literature (LA)

Writing literature for children and young adults. In addition to studying stylistic approaches and techniques, the course addresses issues such as appropriate subject matter, writing for specific age groups, and the writer's ethical responsibility. Reading assignments may include classic and contemporary works, fairy tales and myths, and critical and historical essays. Prerequisites: WRTG 23600. (F,Y)

Attributes: FA

3 Credits

WRTG 33000 Style and Syntax (LA)

Advanced expository course applying grammatical knowledge to the study of prose style. Close analysis of sentence structures and rhetorical devices used by exemplary writers, along with exercises and practice in revision of students' own prose. Prerequisites: Junior standing; WRTG 22500. (IRR)

Attributes: HU

3 Credits

WRTG 33100 Feature Writing (LA)

Advanced expository course in developing the skills necessary to write informative, accurate, and interesting feature articles suitable for print or online publications. Students learn interviewing and reporting skills, as well as feature genres, style, and structure. Prerequisites: WRTG 20100, WRTG 20500, or WRTG 23200. (F)

Attributes: HU, MC

3 Credits

WRTG 33400 Humorous Writing (LA)

Writing humorously in the comedic or satiric mode. Introduces a variety of humorous forms, such as monologue, parody, caricature, and irony. Readings from past and present works contribute to a study of the historical, philosophical, psychological, and cultural dimensions of humor. Major emphasis is placed on creative writing. Prerequisites: WRTG 20500 or WRTG 23600. (S,Y)

Attributes: FA

3 Credits

WRTG 33600 Fiction Writing II (LA)

An advanced workshop for students with a serious commitment to reading and writing fiction. Builds on the work begun in WRTG 23600. Students may write short stories or longer fictional works. Prerequisites: WRTG 23600. (F,S,Y)

Attributes: FA

3 Credits

WRTG 33800 Poetry Writing II (LA)

An advanced workshop for students with a serious commitment to the art of writing poetry. Students build on the study begun in WRTG 23800, striving for a greater understanding of issues and techniques in poetry. Rigorous analysis of poetry, including how poems function to reflect and/or critique their social contexts, is required. Prerequisites: WRTG 23800. (S,Y)

Attributes: FA

3 Credits

WRTG 34000 Magazine Writing (LA)

Experience in researching, writing, and marketing magazine articles, with an emphasis on features. Students study the various types of articles and analyze magazines for their content, audience, and editorial policy and slant, using this understanding to write for particular magazines of their choice. Students learn reporting and research techniques, as well as how to query editors. Prerequisites: WRTG 20100 or WRTG 20500; JOUR 11100 or WRTG 33100. (S,Y)

Attributes: HU

3 Credits

WRTG 34100 Travel Writing (LA)

Combines analysis of issues related to travel writing and writing within the genre. Explores goals, audiences, and forms of travel writing. Taught online and available only to students away from the Ithaca campus.

Students are requested to discuss travel locations with professor prior to registration. Prerequisites: WRTG 20100, 20500, or 23200; permission of instructor. (F-S,Y)

Attributes: HU

3 Credits

WRTG 34200 Writing about Sports (LA)

Advanced expository course in writing essays about sports for a variety of audiences, and developing and articulating standards for that writing. Readings selected from past masters and contemporary practitioners to provide a context for class discussion and for descriptive, analytical, and argumentative writing. Emphasizes establishing an authentic voice. Prerequisites: WRTG 20100, WRTG 20500, or WRTG 23200. (IRR)

Attributes: HU

3 Credits

WRTG 34500 Writing as a Critic (LA)

Advanced expository course on the essentials of writing arts reviews and criticism for newspapers, magazines, and trade journals, both print and online. Subjects for review include film, theater, music, dance, performance media, literature, painting, printmaking, sculpture, photography, television, radio, videos, games, and digital media. Also addresses the social and aesthetic functions of arts criticism, the development of criteria for judgment, and the role and responsibility of the critic. Reading assignments include critical models as well as essays on the theory and practice of criticism. Prerequisites: WRTG 20100, WRTG 20500, or WRTG 23200; any two courses beyond level 1 in art, art history, literature, theater, music, dance, photography, television-radio, video, or film. (S)

Attributes: HU

3 Credits

WRTG 35000 Selected Topics in Expository Writing (LA)

Advanced expository writing course, offered at irregular intervals on topics chosen by faculty members. May be repeated for credit when topics vary. For writing minors, the course may be an elective or fulfill a level-3 minor requirement. Prerequisites: Junior standing; one writing course at level 2 or above (specified by name and number at time of offering). (IRR)

Attributes: HU, WGS3

3 Credits

WRTG 35400 Selected Topics in Creative Writing (LA)

Advanced creative writing course, offered at irregular intervals on topics chosen by faculty members. May be repeated for credit when topics vary. For writing minors, the course may be an elective or fulfill a level-3 minor requirement. Prerequisites: Junior standing; WRTG 20500 or one creative writing course at level 2 or above (specified by name and number at time of offering). (IRR)

Attributes: FA

3 Credits

WRTG 36000 Language, Literacy, and Writing Studies (LA)

Explores theoretical and practical connections among language, literacy, and writing, focusing on research and theory that inform the field of composition and rhetoric. Explores questions such as: How are texts composed? What do accomplished readers and writers understand, and how do they develop that knowledge? How do people engage new discourses? How are authority and identity achieved in writing? How are language and literacy part of systems of power and privilege? How is technology affecting how we think, read, write, learn and share cultural resources? Prerequisites: Junior standing; WRTG 20100; WRTG 20500. (F or S, Y)

Attributes: HU

3 Credits

WRTG 36500 Poetics (LA)

Introduction to Western theories of creative writing as a means of investigating the relationships between writer, text, and world. Addresses cultural/political, psychological, philosophical, and aesthetic concerns. In addition to rigorous analysis of historical and contemporary texts, students will examine their own creative work and process. Prerequisites: WRTG 23600 or WRTG 23800; any other writing course above level 1. (F,S,Y)

Attributes: HU

3 Credits

WRTG 38000 Visiting Writers' Workshop (LA)

An advanced writing workshop offered each semester to coincide with the Department of Writing Distinguished Visiting Writers series. Requires 15 contact hours in meetings, conferences, and classes with both the visiting writer and the writing faculty coordinator. Students produce a 15-page revised manuscript of new work in the relevant genre over the course of the semester. May be repeated up to three times for credit. Prerequisites: Junior standing; permission of instructor. (F-S,Y)

Attributes: UND

1 Credit

WRTG 41000 Senior Project (LA)

Advanced independent project designed by writing majors no later than their second junior semester and relating to their particular concentration or area of interest. The project, is usually undertaken in the second semester of the student's senior year. Work in the final portfolio is evaluated by the faculty mentor. Students are encouraged but not required to give a public presentation or reading of their work during their senior year. Writing majors only. Prerequisites: Senior standing; WRTG 31100, WRTG 32000, WRTG 33600, or WRTG 33800; WRTG 36000 or WRTG 36500; permission of instructor. (F,S,Y)

3 Credits

WRTG 41500 Senior Seminar (LA)

Small group setting for students to undertake focused, intensive exploration and research of ideas and issues in writing within selected advanced topics not provided elsewhere in the curriculum. Provides opportunity for advanced coursework that nurtures serious investigation of specific issues within their discipline, and fosters intellectual dialogue about writing among students. Seminar topics vary each semester. May be repeated for credit when topics vary. Prerequisites: Two writing courses beyond level 1, at least one of which must be at level 3;

permission of instructor. (F,S,Y)

Attributes: WI

3 Credits

WRTG 42000 Apprenticeship (NLA)

Service as a teacher's apprentice in a 100-level writing course, correcting and commenting on student papers, tutoring, leading class exercises or discussions, and participating in conferences. To be eligible, students must have completed two writing courses above level 1, with at least one B and one A- as final grades; should have successfully completed the course to which they are apprenticing; and should have a desire to work with students enrolled in Academic Writing I or II, Personal Essay, or Argument. Prerequisites: Senior standing and permission of instructor. (F-S,Y)

3 Credits

WRTG 43600 Writing the Novella (LA)

This advanced fiction-writing seminar offers students the opportunity to develop a novella. The course extends previously learned narrative elements, such as characterization, plot, setting, point of view, tone, and voice, and applies them to a broader, more complex literary canvas. Students will create narratives that allow for multiple characters who interact within an expanded social context or that permit the extended exploration of a single character in considered detail. Prerequisites:

WRTG 33600. (F,Y)

Attributes: FA

3 Credits

WRTG 45000-45001 Internship: Writing (NLA)

Work and study project designed by the student, in consultation with a faculty sponsor and a practicing professional. The proposal includes learning objectives, a detailed work plan, and a description of the student's plans for reports to the faculty sponsor. Prerequisites: Junior standing; three writing courses above level 1. Offered on demand only. May be repeated up to twelve credits. (F-S,Y)

1-6 Credits

WRTG 49800 Independent Study: Exposition (LA)

Student-initiated expository writing project focusing on a specialized area. For the qualified, advanced student, by agreement with a faculty member. Approval of the writing department chair must be obtained one semester in advance of the proposed project. Prerequisites: Senior standing; three writing courses above level 1; additional prerequisites depending on topic. (F-S,Y)

Attributes: HU
1-3 Credits

WRTG 49801 Independent Study: (Exposition) (LA)

Student-initiated expository writing project focusing on a specialized area. For the qualified, advanced student, by agreement with a faculty member. Approval of the writing department chair must be obtained one semester in advance of the proposed project. Prerequisites: Senior standing; three writing courses above level 1; additional prerequisites depending on topic. (F-S,Y)

Attributes: HU
1-4 Credits

WRTG 49900 Independent Study: Creative Writing (LA)

Student-initiated creative writing project focusing on a specialized area. For the qualified, advanced student, by agreement with a faculty member. Offered on demand only. Approval of the writing department chair must be obtained one semester in advance of the proposed project. Prerequisites: Senior standing; three writing courses above level 1; additional prerequisites depending on topic. (F-S,Y)

Attributes: FA
1-3 Credits

Writing Major – B.A.

Summary

Code	Title	Credits
Writing B.A. Major Requirements		42
Integrative Core Curriculum Requirements ¹		29-41
Electives		37-49
Total Credits		120

¹ See Integrative Core Curriculum requirements, with information about the H&S CLA requirement. (p. 385)

Degree Requirements

Writing majors may complete a general degree in writing or they may declare a formal concentration in creative writing, nonfiction, feature writing, or professional writing. Concentrations, if elected, must be declared by the end of the first semester of the senior year. Requirements for concentrations may overlap with writing electives. See below for more information on these optional 15-credit concentrations.

Code	Title	Credits
REQUIRED COURSES		
WRTG 16500	Introduction to the Essay	3
WRTG 17500	Introduction to Creative Writing	3
WRTG 20100	Argument	3
WRTG 22500	Grammar and Usage	3
Select one of the following (note that this course may also count towards a concentration):		3
WRTG 20500	Personal Essay	
WRTG 23200	Creative Nonfiction	

Select one of the following (note that this course may also count towards a concentration): ¹

WRTG 31100	Writing for the Professions	
WRTG 32000	Public Essay	
WRTG 33600	Fiction Writing II	
WRTG 33800	Poetry Writing II	
WRTG 36000	Language, Literacy, and Writing Studies	3
or WRTG 36500	Poetics	

ADVANCED STUDY IN WRITING

WRTG 41000	Senior Project	3
OR - One additional level 3 or 4 WRTG course (excluding WRTG 42000, WRTG 45000, WRTG 498xx, and WRTG 49900)		
WRTG 41500	Senior Seminar	3

WRITING ELECTIVES

WRTG xxxxx	Writing electives at level 2 or above; at least 9 credits must be at level 3 or above. A total of 6 credits of internship (WRTG 450xx) may be used towards the major.	15
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Total Credits **42**

¹ Note that WRTG 31100, WRTG 33600, WRTG 33800, and WRTG 36500 have prerequisites beyond those specified for the major.

Code	Title	Credits
OPTIONAL WRITING CONCENTRATIONS		
Students with an interest in particular areas of writing may opt to complete their degree by pursuing a specific concentration. The requirements for the concentration may overlap with requirements for the Writing major.		
Creative Writing Concentration		
Required courses		
WRTG 23600	Fiction Writing I: Short Story	
WRTG 23800	Poetry Writing I	
WRTG 33600	Fiction Writing II	
or WRTG 33800	Poetry Writing II	
Select six credits from the following:		
WRTG 30100	Memoir	
WRTG 30500	Writing Science Fiction and Fantasy	
WRTG 31000	Women and Writing	
WRTG 32500	Writing Children's Literature	
WRTG 33400	Humorous Writing	
WRTG 33600	Fiction Writing II	
WRTG 33800	Poetry Writing II	
WRTG 35400	Selected Topics in Creative Writing	
WRTG 38000	Visiting Writers' Workshop (may be taken three times for credit)	
WRTG 43600	Writing the Novella	
WRTG 450xx	Internship: Writing (a maximum of 3 credits may count towards this requirement)	

Code	Title	Credits
Nonfiction Concentration		
Required courses		
WRTG 23200	Creative Nonfiction	
WRTG 32000	Public Essay	
Select nine credits from the following:		
WRTG 20500	Personal Essay	
WRTG 30100	Memoir	
WRTG 31000	Women and Writing	
WRTG 31400	Science Writing	
WRTG 31800	Writing from Cultural Experience	
WRTG 31900	Writing as a Naturalist	
WRTG 33100	Feature Writing	
WRTG 33400	Humorous Writing	
WRTG 34000	Magazine Writing	
WRTG 34200	Writing about Sports	
WRTG 34500	Writing as a Critic	
WRTG 35000	Selected Topics in Expository Writing	
WRTG 38000	Visiting Writers' Workshop (may be taken three times for credit)	
WRTG 42000	Apprenticeship	
WRTG 450xx	Internship: Writing (a maximum of 3 credits may count towards this requirement)	

Code	Title	Credits
Feature Writing Concentration		
Required courses		
WRTG 23200	Creative Nonfiction	
WRTG 32000	Public Essay	
WRTG 33100	Feature Writing	
Select six credits from the following:		
WRTG 21100	Writing for the Workplace	
WRTG 31400	Science Writing	
WRTG 31900	Writing as a Naturalist	
WRTG 34000	Magazine Writing	
WRTG 34200	Writing about Sports	
WRTG 34500	Writing as a Critic	
WRTG 450xx	Internship: Writing (a maximum of 3 credits may count towards this requirement)	

Code	Title	Credits
Professional Writing Concentration		
Required courses		
WRTG 21100	Writing for the Workplace	
WRTG 31100	Writing for the Professions	
Select nine credits from the following:		
WRTG 21300	Technical Writing	
WRTG 31400	Science Writing	
WRTG 31700	Proposal and Grant Writing	

WRTG 450xx Internship: Writing (a maximum of 3 credits may count towards this requirement)

Writing Minor

All writing courses in the minor should be taken in the Department of Writing or at the Ithaca College London Center. Exceptions: Students who receive generic writing credit for 200-level courses taken at other institutions (WRTG 28888) may count up to 6 of those credits toward the writing minor. Academic Writing I (WRTG 10600) and Ithaca College Seminars in Writing (ICSM 108xx, 118xx) do not count toward the writing minor.

Requirements

Code	Title	Credits
WRTG 20100	Argument	3
Select one of the following:		3
WRTG 20500	Personal Essay	
WRTG 21100	Writing for the Workplace	
WRTG 23200	Creative Nonfiction	
WRTG xxxxx	Elective credits in writing (at least 6 credits at level 3 or above)	15
Total Credits		21

Additional Requirements for the Minor

1. All writing courses must be taken for a grade to count toward the minor. Writing courses at level 2 or above must be completed with a C or better.
2. No more than two level-1 courses will count toward the writing minor.
3. No more than 3 credits may count toward the writing minor in each of the following courses: WRTG 42000, WRTG 45000, or WRTG 498xx/ WRTG 49900. A maximum of 6 credits from among these courses may be applied toward the writing minor.
4. Up to 6 credits in the writing minor may overlap with a student's writing requirements in a major.

Interdisciplinary Minors

The School of Humanities and Sciences offers a variety of opportunities for interdisciplinary study. Students can choose to enroll in one of the several interdisciplinary minors the school offers to supplement the disciplinary focus of their major; many of these minors cross departmental, and even school, boundaries in the required courses. Some programs offer individual courses that provide the opportunity for students, whether formally in the minor or not, to explore interdisciplinary areas of inquiry.

- Classical Studies Minor (p. 583)
- Counseling Minor (p. 583)
- Latin American and Caribbean Studies (p. 583)
- Media Literacy (p. 584)
- Medieval and Renaissance Studies (p. 585)
- Muslim Cultures (p. 585)
- Neuroscience (p. 585)

A few departments also support interdisciplinary minors, including:

- Comparative Literature Minor (p. 574) in the Department of World Languages, Literatures, and Cultures
- Graphic Design Minor (p. 404) in the Department of Art, and
- Jewish Studies Minor (p. 506) in the Department of Philosophy and Religion.

Classical Studies Minor

Matt Klemm, Associate Professor, History, and Coordinator

Ithaca College offers students an opportunity to study the classical tradition from an interdisciplinary perspective. The classical studies minor focuses on the languages, literatures, and civilizations of ancient Greece and Rome, as well as the later classical tradition. Since many of the ideas and principles that emerged in the classical world are basic to Western culture, courses in classics apply to the study of almost all the liberal arts and sciences. Classical studies is of particular interest to students of law, literature, rhetoric and composition, communication, modern languages, history, politics, religion, music, art history, drama, and philosophy. For more information, contact the program coordinator.

Requirements

Code	Title	Credits
CLASSICAL LANGUAGES		
Select 6 credits of Latin or Greek above level 1, or proficiency		0-6
CORE COURSES IN CLASSICAL HISTORY AND CULTURE		
Select three courses, each from a different department, from this list of regularly offered courses:		9
ARTH 20900		
ARTH 21900		
CMST 32600	Classical Theories of Rhetoric	
ENGL 23100	Ancient Literature	
HIST 23100	Body and Society in Ancient Greece and Rome	
HIST 35300	Ancient Greece	
PHIL 10200	Introduction to Philosophy: Greek Foundations	
PHIL 20100	Plato and Aristotle	
ELECTIVES		
Select six credits of electives from the list of courses maintained on the classical studies website or from the list of core courses in classical history and culture. ¹		6
Total Credits		15-21

¹ Elective credits may also be drawn from other appropriately focused courses, including independent studies, directed reading, experimental, or selected topics courses, with the approval of the program coordinator.

Counseling Minor

Jessye Cohen-Filipic, Associate Professor of Psychology, and Coordinator

The interdisciplinary counseling minor is a partnership between the Departments of Psychology and Sociology; open to all students at the College, it is designed to provide a broad perspective and background in the field of mental health. This interdisciplinary approach to the study of mental health acknowledges the complementary contribution of these two disciplines that explore individual behavior from differing

perspectives. Through this combination of approaches, the minor allows students to develop a rich and complex understanding of the development of distress, and a variety of perspectives on assessment, treatment, and crisis intervention in applied settings. Students will also take two elective courses with the CNSL attribute. This attribute is used for courses from a range of disciplines that expand our students' exposure to problems of living (such as substance abuse, child welfare, mental health, hunger and homelessness), macro-level practice (including institutional/organizational, community organizing, policy and advocacy), and the experience of marginalized populations. The minor prepares students for diverse careers where a basic grounding in counseling skills and knowledge are valuable: counseling skills are, for instance, integral to human service, health care, and many business roles and functions.

Students need at least three semesters to complete the Counseling minor. To insure this, students must declare the Counseling Minor prior to earning 75 credits or before the end of the fifth semester at Ithaca College.

Requirements

Psychology and sociology majors may enroll in the minor. Sociology majors may count only two courses in the minor toward the sociology major. Psychology and sociology double majors may count two courses from the minor for each major for a maximum of four courses. Psychology majors also may count only two courses in the minor toward the psychology major.

Code	Title	Credits
Core Courses		
SOCI 21700	Mental Health in Historical and Social Contexts	3
PSYC 32100	Abnormal Psychology	3
PSYC 34100	Forms of Therapy	3
	or PSYC 34200 Family Therapy	
SOCI/PSYC 40900	Skills for the Helping Professional	3
Two courses with the attribute CNSL Counseling Elective		6
Total Credits		18

Latin American and Caribbean Studies

Enrique Gonzales-Conty, Associate Professor, World Languages & Literatures, and Coordinator

Latin America and the Caribbean are extraordinarily diverse areas, encompassing a wide variety of cultures, political units, economies, languages, and environments. The goals of the Latin American and Caribbean Studies minor are to foster greater knowledge about Latin America and the Caribbean and to explore the cultural, political, and economic contributions of that area to the global community. The minor aims to expand students' views concerning the multicultural nature of the peoples of Latin America and the Caribbean and to emphasize the interactions between indigenous and introduced cultures in this region, both past and present. Students will also be introduced to an understanding of the interplay between "Latin America" and "the Caribbean," regions that overlap and intersect but also each hold distinct characteristics. The Latin American and Caribbean studies minor will be useful to students envisioning careers in government, business, journalism, community service, public health, education, or the

environment. The minor will also prepare students interested in pursuing graduate work in any field related to Latin America and the Caribbean.

Minor Requirements

Code	Title	Credits
CORE COURSES		
Select one of the following:		3
ARTH 26500	Modern Latin American Art	
HIST 23400	Modern Latin America	
POLT 33100	Latin American Politics	
SPAN 33300	Latin American Civilization and Culture	
SPAN 33800	Introduction to Latin American Literature	
Global Context Course		3
Selected from courses designated as LAGC "3 credits of Global Context"		
Electives		12
Selected from courses designated as LAEL "LAS 12 credits elective" ¹		
Language Proficiency		0-12
Intermediate language or placement at the 300-level; only 3 credits of intermediate-level language may count towards the minor		
Portfolio		0
The portfolio will be completed during the last semester of coursework in the minor, under the guidance of the program coordinator(s).		
Total Credits		18-30

¹ A course taken to satisfy the Core or the Global Context requirements cannot also be used as electives.

Additional requirements for the minor

- No more than 9 credits may be taken from a single department.
- No more than 3 credits of independent study may count toward the minor.
- 3 credits are allowed to overlap with each of the student's majors and minors.
- Students may transfer up to 6 credits towards the Latin American Studies minor (only 3 credits of which are from a grammar/conversation course).

Completing the Required Portfolio

Students will select at least two artifacts from their coursework and write a brief rationale addressing their minor coursework and experience (including internships, study abroad, and participation in program events, as relevant), especially how they gained a historical understanding of the idea of "Latin America and the Caribbean" and how their courses helped them understand Latin America and the Caribbean's relationship to other parts of the world. Additionally, students will craft a short (2-3 page) reflective essay addressing the following: How has pursuing an interdisciplinary study of Latin America, taking courses from a range of disciplinary perspectives, together with any internships, study abroad, extracurricular activities and/or participation in LACS program events, shaped their understanding of contemporary issues in the region?

Media Literacy Minor

Cyndy Scheibe, *Professor of Psychology and Coordinator*

The Media Literacy minor is an interdisciplinary program that provides a firm grounding in the theories, principles and practices in the rapidly growing field of media literacy. Students in the minor approach the analysis and evaluation of media messages from several different academic perspectives, applying key questions regarding the source, purpose, content, techniques, credibility and impact of those messages on individuals and societies. Through their coursework they also have multiple opportunities to create their own media messages (reflecting on their construction choices), and to apply their skills and knowledge regarding media literacy in a real-world setting (through an internship, independent study, or similar experience). As part of the culmination of the minor, students create a multi-media portfolio representing and reflecting on the coursework and projects undertaken for the minor, applying the principles of media literacy.

Requirements

Code	Title	Credits
CORE COURSES		
PSYC 11000	Media Literacy and the Psychology of Inquiry	3
Select one course from the following list:		3-4
ARTH 13500	Introduction to Visual Culture	
CLTC 10000	Introduction to Culture and Communication	
CMST 12000	Comm, Culture, & Rhetoric	
CNPH 10100	Introduction to Film Aesthetics and Analysis ¹	
TVR 12100	Introduction to Mass Media	
TVR 12200	Introduction to Media Aesthetics and Analysis	
TVR 12400	Introduction to Media Industries ¹	
ADDITIONAL COURSES ²		
No more than 3 credits of Additional Courses may be at the 100-level.		
Interdisciplinary Media Analysis Perspectives		6
Select six credits from courses with the attribute "MAP" with two different subject code prefixes ³		
Media Creation		3
Select three credits from courses with the attribute "MC" ³		
Media Literacy Application		3
Select three credits of internship, independent study or other experiential course that focuses on the application of media literacy, approved by the minor program coordinator.		
MULTI-MEDIA PORTFOLIO		
Students will submit a final multi-media portfolio representing and reflecting on their coursework, and demonstrating their ability to apply the principles of media literacy. This portfolio must be submitted to the Minor Coordinator for review and approval.		
Total Credits		18

Additional Requirements and Restrictions

- Courses selected for the minor must be drawn from at least four different subject code prefixes.
- No more than six credits can be taken in the same prefix.
- No more than six credits taken for the minor can overlap with courses counting towards the student's major.

¹ This course may be open only to students in the Park School.

² Some courses designated for the Media Literacy minor may have additional prerequisites that students are responsible for meeting.

³ Students in the Park School may be able to count select Park School courses that are not already designated, in consultation with the Coordinator of the minor.

Medieval and Renaissance Studies

Dan Breen, Associate Professor, Department of Literatures in English, and Coordinator

The Middle Ages and the Renaissance witnessed some of the most significant events in Western history: the fall of the Roman Empire; the establishment in Europe of the printing press; the evolution of a mercantile economy; and the Protestant Reformation. These and other social, cultural, and political developments combine to identify the medieval and Renaissance periods as fundamental to Western modernity. During this long expanse of time, European and Middle Eastern thinkers began to address crucial questions in ways that still shape our daily lives. How, for example, do we worship? How ought we to be governed? How (and whom) do we love? How (and what) should we read and write?

The medieval and Renaissance studies minor aims to provide students with the opportunity to expand their knowledge of these foundational historical periods and to experience the rich diversity of thought that characterized medieval and early modern art, philosophy, and religion. By taking courses in at least three different departments, students will be challenged to think across disciplinary boundaries and to gain a broad understanding of the landscape of intellectual culture in Europe and the Mediterranean between late antiquity and the early 18th century. The medieval and Renaissance studies minor will be an excellent complement to majors in art history, English, history, French, German, Spanish, and philosophy and religion. It will encourage the kind of synthetic thinking that is especially important in the professional fields of education and law. Students considering graduate study in the fields traditionally associated with the humanities or the arts will also find the minor to be particularly helpful.

Minor Requirements

Students who enroll in the Medieval and Renaissance studies minor will complete 21 credits of work compiled by taking classes in a minimum of three different departments or programs. Each class will be selected based on the interests of the individual student, after consultation with their adviser. These selections will be made from a list of courses maintained and updated each semester by the Medieval and Renaissance studies program coordinator.

Code	Title	Credits
Total, minor in medieval and Renaissance studies ¹		21

¹ No more than 6 credits from a student's major department, or 3 credits from any other minor, may be counted toward the Medieval and Renaissance studies minor.

Muslim Cultures

Jason Freitag, Associate Professor, History, and Coordinator

The Muslim cultures minor promotes a study of Muslims and Islam in order to facilitate a critical and constructive engagement with issues that affect Muslims and non-Muslims alike. The point of this engagement is to prepare students to face the challenges of living in a multireligious, multiracial, and multicultural world.

Specifically, the minor's goals are to encourage, allow, and facilitate:

1. the College's mission to encourage teaching and scholarship that are "informed by, and . . . contribute to, the world's scientific and humanistic enterprises" (attention to the Muslim role in creating modern civilization advances this understanding);
2. opportunities for the College community "to share the responsibilities of citizenship and service in the global community" (global citizenship begins with knowledge, and the program provides access to the worlds of the more than one billion Muslims worldwide);
3. the development and strengthening of inter- and cross-disciplinary programming around issues of concern to Muslim cultures, both contemporary and historical.

Minor Requirements

Code	Title	Credits
Conceptual Frameworks ¹		6
HIST 22700	Islamic Civilizations: Muhammad to the 19th Century	
POLT 33300	Understanding Islam	
History, Culture, Politics ²		
Select 6 credits from the list maintained by the coordinator.		6
Comparative and International Study ³		
Select 6 credits from the list maintained by the coordinator.		6
Total Credits		18

¹ These courses encourage students to interrogate their own epistemological stance toward Islam and Muslims and provide them with the theoretical concepts and basic knowledge necessary for analyzing both.

² Courses in this category examine Islam and Muslims through the lens of culture broadly conceived. Too often, the tendency is to deny Muslims any identity other than a religious one. The focus and intent of these courses will be to situate a more complete study of Muslim cultures in academic fields that students are familiar with, such as politics, history, art history, and literature.

³ Courses in this category place the study of Islam and Muslims in comparative perspective and/or in an international context. A comparative view allows students to understand the relationship between cultures, between the local and the global or the national and the international, and between the past and the present.

Neuroscience

Tamara Fitzwater, Assistant Professor, Psychology, and Coordinator

Neuroscience has become a vital interdisciplinary field of training in science. Advances in cell and molecular biology, biochemistry, biophysics,

and psychology have all contributed to the creation of this field of study. Neuroscientists work in many areas of the basic and clinical sciences.

This interdisciplinary minor includes required courses in psychology, biology, behavioral neuroscience, and neurobiology, as well as elective courses from a variety of schools and departments.

The minor has both classroom and research components which include:

- 1. required courses in psychology, biology, behavioral neuroscience, and neurobiology;
- 2. elective courses
- 3. elective courses in research

Requirements

No more than 8 credits from courses required by name and number for a major can be applied toward requirements for the minor. Students must have their course of study approved by a minor adviser so that it can be tailored to their major and so that courses with variable credits will not become problematic.

Code	Title	Credits
Core Courses		
BIOL 11900	Fundamentals of Biology: Cells and Bodies	4
or BIOL 12100	Principles of Biology, Cell and Molecular	
PSYC 10300	General Psychology	3
PSYC 31100	Behavioral Neuroscience	3
BIOL 31500	Neurobiology	4
Restricted Electives		
Select 6 to 8 credits from the following:		6-8
BIOL 21400	Animal Physiology	
BIOL 22700	Genetics	
BIOL 30200	Research in Biology ¹	
BIOL 30800	Animal Behavior	
BIOL 34500	Developmental Biology	
BIOL 35400	Cell Biology	
BIOL 40000	Research in Biology ¹	
EXSS 32000	Neuromuscular Control	
EXSS 45000	Independent Study in Exercise and Sport Sciences ¹	
EXSS 45100	Independent Study in Exercise and Sport Sciences ¹	
EXSS 47500	Research Team I: Exercise and Sport Sciences ¹	
PSYC 23200	Matters of the Mind: The Neuron and Beyond	
PSYC 302xx	First Semester Research Team ¹	
PSYC 303xx	Third Semester Research Team ¹	
PSYC 304xx	Third Semester Research Team ¹	
PSYC 33000	Cognition	
PSYC 46700	Psychopharmacology	
OTBS 41000	Neuroscience	
PSYC 35200	Independent Supervised Research ¹	

PSYC 45200	Advanced Independent Supervised Research ¹	
Total Credits		20-22

¹ A maximum of 3 credits from this course can count in the minor.

School of Music

Keith Kaiser, *Interim Dean*
Ivy Walz, *Interim Assistant Dean*

As the founding school of Ithaca College in 1892, the School of Music affirms its fundamental belief that music and the arts are essential components of the human experience. The School of Music contributes to the ongoing realization of this belief by preparing the music leaders of tomorrow – highly trained professional musicians educated through expert musical instruction coupled with outstanding performance experiences.

The School of Music: Mission, Vision, and Values

Mission

The Ithaca College School of Music educates students who transform the human condition through the art and practice of music.

Overarching Student Learning Outcomes

- The School of Music Bachelor of Music graduate demonstrates synthesis of all degree-related student learning outcomes (degree-specific, overall musicianship, knowledge, and skill) through expertise displayed in the degree capstone experience (see student learning outcomes and capstone experiences/assessment for designated degree).
- The School of Music Bachelor of Music graduate demonstrates musical expertise by displaying musicianship expected for distinctive success in the professional field.
- The School of Music Bachelor of Music graduate demonstrates competency of foundational musical knowledge related to music theory, analysis, and history.
- The School of Music Bachelor of Music graduate demonstrates proficiency in musical skills related to aural skills and keyboard musicianship, and to a functional competence in music technology.

General Information

Admission to the School of Music

Every School of Music applicant must audition on a major performing instrument or voice, except for composition applicants who must submit scores and may choose to audition on a major performing instrument or voice. Every applicant must also take a sight-singing test and submit the required supplemental music application materials. Composition, music education, jazz, and sound recording technology applicants are required to have an additional interview with the faculty. Applicants may audition on more than one instrument (including voice). Auditions are conducted by the faculty on the Ithaca campus and in several off-campus locations. Students are strongly encouraged to audition on campus. In special circumstances, applicants may submit a recorded audition (video only) or audition at a special time by making arrangements with the music admission office. Percussion, sound recording technology, jazz, and composition applicants must audition on campus. For further

information, contact the music admission office. For more information see External transfers and Internal transfers.

External Transfers

Students who wish to transfer into the School of Music from another institution follow the same admission procedure as all new students. Students are placed at an academic level on their performing instrument or voice based on the performance level demonstrated at their audition; a combination of prior completed coursework and placement tests determine academic level in core musicianship classes. Transfer credit for music courses cannot be granted until the student completes placement examinations in music theory, aural skills, and keyboard musicianship. The department chair in Music Theory, History, and Composition will evaluate music history and other courses to determine placement. Placement examinations are administered during the orientation period before the beginning of classes. Transfer credit for all non-music courses is evaluated at the time of acceptance to Ithaca College. For further information, contact the music admission office.

Internal Transfers

The School of Music accepts transfers from other schools at Ithaca College on the same basis as it accepts students from any secondary school or from other institutions of higher learning. All qualified students are encouraged to transfer into the program.

Students considering transfer to the School of Music or those who are considering a music minor should contact the director of music admission for information regarding the required audition. However, coursework in the School of Music may be taken prior to the time of acceptance as a major or minor in music. More detailed information may be obtained from the School of Music admission office.

Students who are interested in transferring should:

- Ask their adviser to send their file to the music admission office. The file should be available before the audition takes place. The decision on acceptance as a music major is made by the dean of the School of Music based on review of the audition and the student's academic record.
- If accepted, see the associate dean of the School of Music to confirm a program of study, to determine the length of time needed for degree completion, and to be assigned a music faculty adviser.

For non-majors:

Students pursuing degrees in other fields at Ithaca College also may study music through a variety of performance experiences and courses designed for the non-major. Non-music majors may audition for all music ensembles, and should contact the School of Music main office for information about audition times and excerpts.

The **music minor** provides an organized sequence of study for those students wishing a richer experience. Each applicant must audition on a principal instrument and pass a sight-singing test during the standard audition dates. Non-majors may begin the music minor as early as their first-year.

Bachelor of Fine Arts

Musical theatre — This is a performance-based pre-professional program designed for the student who is interested in a career in musical theatre. The program, a joint offering of the Department of Theatre Arts in the School of Humanities and Sciences and the School of Music, offers

students conservatory-style training in acting, singing and dancing. Applicants are invited to audition following a pre-screening video audition. (cross-listed under the Department of Theatre Arts, School of Humanities and Sciences).

Academic Courses of Study

The first-year student curricula are practically identical for all degrees within the school, giving students one academic year in which to make a final decision regarding their programs. From the time a specific program is approved for a student, that student must adhere to their selected program and to the total number of credits listed for that program. Changes in program and courses, or in major and secondary instrument or voice, require the approval of the adviser, department chair, and associate dean.

Performance Study

All private lesson study required in the student's program is included in the basic tuition charge, subject to the conditions under "Explanation of Charges." Elective private lessons, whether for music majors or nonmajors, are subject to a private lesson fee in accordance with the schedule shown on the "Expenses" catalog page (p. 707). Normally, elective private lessons are taught by graduate students. All private lesson registration and preregistration are through the music office only.

Performance courses are of two general classifications: private instruction for voice and instrument and course instruction for minor (secondary) instrument study. A course section usually consists of eight students. Those majoring in the performance or performance/music education (four-and-a-half-year) program take a one-hour private lesson each week (for 4 credits); all other Bachelor of Music students take a one-hour private lesson each week (for 2 credits). Students in the Bachelor of Arts (Music Major) take a half-hour lesson each week (for 2 credits) for six semesters. All music students attend one repertory class each week conducted by the major performance teacher.

Attendance at Performances

All full-time students, in the School of Music, are required to take MUMC 10100 six times in six different semesters. The associate dean will determine how this policy applies to transfer students. Additional attendance requirements are at the option of the major teacher.

Recital and Jury Requirements

All students enrolled in the B.M. in performance and B.M. in performance/music education (four-and-a-half-year) programs must successfully perform two solo recitals as part of their degree requirements. Other students may elect to perform in a graded recital with the permission of their major teacher. The required recitals are graded by three faculty members from the School of Music. Normally, the major teacher and two faculty members from the student's division constitute the grading committee. Elective recitals are normally graded by only the major teacher.

The final grade for these recitals is determined by averaging the grades assigned by the members of the grading committee, according to the following system:

A	11
A-	10
B+	9
B	8

B-	7
C+	6
C	5
C-	4
D+	3
D	2
D-	1
F	0

All undergraduate music majors must perform a jury at the end of each semester. Students who perform a graded recital and students who are off-campus because of student teaching may be exempted at the discretion of their major teacher. Nonmajor students enrolled for 2 credits of private study must also perform a jury at the end of the semester. Juries are graded on a pass/fail basis. If a student receives a grade of F from the majority of the faculty hearing a jury, the major teacher must issue a grade for the semester no higher than D. The grade of I, "incomplete," must not be used in these cases. The incomplete grade is to be used only if a student is unable to perform a jury because of illness or providential intervention. The chair of performance studies must also be informed of the jury failure. The chair will then request that a letter of warning be sent by the associate dean to the student (see "Academic Status").

To be removed from warning, the student must pass the jury in the following semester and receive a semester grade of C- or higher. Every music student is required to meet specified minimum requirements in piano, relative to their curriculum. Students having voice or piano as the major instrument, regardless of their curricula, take keyboard musicianship, which includes accompanying, transposition, and literature.

Ensemble Requirements

All full-time music students are required to participate in a major ensemble each semester until the ensemble degree requirements are fulfilled.

Ensemble Policies

Certain ensembles are designated major ensembles. All full-time music students are required to participate in a major ensemble each semester until the ensemble degree requirements are fulfilled.

A student may participate in additional ensembles, up to a total of 10 ensemble participation hours per week. Exceptions beyond 10 hours can be made in very unusual circumstances by the associate dean in consultation with the performance teacher and conductor.

If additional ensembles are taken, they can be taken for 0, 0.5, or 1 credit. Students should normally enroll in ensembles for credit, unless the total credit enrollment exceeds 18 credits. Ensemble and chamber music credits over and above the required ensembles may be applied toward music elective requirements according to the following formula: for every 3 credits of music electives required in each degree program, 1 credit of ensemble or chamber music may be counted toward elective requirements, with a minimum of 1 credit and a maximum of 4.

Ensemble transfer credits may not be used to exempt a student from ensemble participation.

All music education students must participate in a major ensemble during the on-campus portion of the student teaching ("block") semester.

The organizations designated below as major ensembles carry 1 credit for all students except where required as a second ensemble. The organizations designated as minor ensembles carry 1 credit when required as a major ensemble in the student's degree program.

Major Ensembles

- Choir: MUEN 10800
- Chorus: MUEN 10900
- Concert Band: MUEN 10600
- Symphony Orchestra: MUEN 11100
- Wind Symphony: MUEN 10700
- Treble Chorale: MUEN 11000
- Wind Ensemble: MUEN 10500

Minor Ensembles

- Accompanying Master Class: MUEN 21700 or MUEN 21800
- Chamber Orchestra: MUEN 12100
- Guitar Ensemble: MUEN 11500
- Piano Ensemble: MUEN 30300
- Pianist as Collaborator: MUEN 11700 or MUEN 11800
- Jazz Ensemble: MUEN 11900
- Jazz Repertory Ensemble: MUEN 11901
- Jazz Lab Band: MUEN 11902
- Jazz Vocal Ensemble: MUEN 12500

The following fulfill the major ensemble requirements for the performance majors listed:

Composition Major - Eight semesters of major ensemble (with two being choral in consecutive fall-spring semesters) with approval of the composition coordinator. Up to 2 credits can be fulfilled with minor ensemble that focuses on the student's particular music composition interests.

Guitar major - Music education, performance, and music education/performance — Choral ensemble (Choir, Chorus, or Women's Chorale) and/or Guitar Ensemble (as specified in the curriculum outlines)

All other guitar major degrees — Choral ensemble (Choir, Chorus, or Women's Chorale) or other major ensemble by audition, including Guitar Ensemble

Jazz studies major - Jazz Ensemble, Jazz Repertory Ensemble, Jazz Lab Ensemble or Jazz Vocal Ensemble (as specified in the "Bachelor of Music in Jazz Studies" curriculum outline)

Keyboard major - Choir, Chorus, Women's Chorale, Pianist as Collaborator, Accompanying Master Class, Guitar Ensemble, Piano Ensemble, Piano/Instrumental Duo, or Piano/Vocal Duo

String major - Symphony Orchestra

Voice major - Choir, Chorus, or Women's Chorale

Wind and percussion majors - Wind Ensemble, Concert Band, Symphonic Band, or Orchestra

Minor Ensembles

The following organizations are designated minor ensembles and carry 0.5 credit for music majors and 1 credit for all other students:

- Brass Choir: MUEN 12300
- Chamber Orchestra: MUEN 12100

- Madrigal Singers: MUEN 11300
- Percussion Ensemble: MUEN 12700

The ensembles listed below carry 0.5 credit for music majors when used as an elective ensemble. As with other minor ensembles, they carry 1 credit for non-music majors:

- Accompanying Master Class: MUEN 21700 or MUEN 21800
- Campus Band: MUNM 10300
- Contemporary Chamber Ensemble: MUEN 11400
- Guitar Ensemble: MUEN 11500
- Jazz Lab Band: MUEN 11902
- Pianist as Collaborator: MUEN 11700 or MUEN 11800
- Piano Ensemble: MUEN 30300
- Piano/Instrumental Duo: MUEN 31700
- Piano/Vocal Duo: MUEN 31800
- Jazz Vocal Ensemble: MUEN 12500

Music majors should see the statement above (under “Major Ensembles”) covering total weekly ensemble participation hours allowed.

Opera/Musical Orchestra

Opera/musical orchestras are ensembles that perform in the major productions of one opera and one musical per year. Students participating in these ensembles may earn music elective credit. See the course description under MUMC 14000.

Course Exemptions

Students may be exempted from courses in the School of Music through examination by the departments concerned. Resulting credit deficiencies may be made up in any area in music upon consent of the student's adviser and the associate dean.

Music Electives

Ensemble and chamber music credits over and above the required ensembles may be applied toward music elective requirements according to the following formula: for every 3 credits of music electives required in each degree program, 1 credit of ensemble or chamber music may be counted toward elective requirements, with a minimum of 1 and a maximum of 4 credits. Performance studies in an instrument/voice other than the major and elective recital credits may apply toward music electives. Performance study in the major performance area taken in addition to the degree requirements may also apply toward music electives.

Music Concentration

Concentration is available to music majors in the area Jazz Studies. A concentration is a structured plan of elective courses within a student's major discipline that comprises a minimum of five courses for at least 15 credits. Courses taken to fulfill the concentration may count toward music elective requirements.

Admission to a concentration requires written acceptance by the chair of the department that offers the concentration.

Concentration Requirements (p. 591)

Pass/Fail or Satisfactory/D/Fail (S/D/F)

With the exception of MUMC 10100, and PFMJ 19900, music courses may not be taken on a pass/fail or S/D/F basis by music majors or minors.

(S/D/F) Option for the Non-major

All music courses may be taken S/D/F by the nonmajor in accordance with the S/D/F policy, except:

1. private lessons and ensembles
2. courses required for the music minor

Academic Information - Credit and Grade Information (p. 722)

Fundamentals of Music Theory, Aural Skills, Keyboard Musicianship, and Recital Grades

Students must repeat MUTH 10100 until they receive a grade of B or higher or until they achieve a score of 84 percent or higher on the fundamentals placement examination.

Students must repeat keyboard musicianship or sight-singing courses in which they receive a grade lower than C-.

A grade of C- is the lowest acceptable grade for successful completion of a required undergraduate recital. In the event that a student receives a grade of D (+ or -), the grade will stand and be computed into the GPA, but the student must take the course again. A completely different program must be performed when repeating the course.

Physical Activity, Leisure, and Safety (PALS)

Physical activity, leisure, and safety (PALS) courses may be taken as free, general, non-liberal arts electives. A maximum of 6 credits is permitted.

PALS courses (p. 183)

Liberal Arts

All students in music must, by mandate of the New York State Education Department, take a certain number of liberal arts courses to complete their degree program. These courses must be taken outside the School of Music.

Distribution Requirements

Students are required to complete the Integrated Core Curriculum as specified by their degree. Students who matriculated prior to Fall 2013 should refer to their catalog year for distribution requirements.

Academic Status

Ithaca College academic standards require that students in the School of Music pass 24 credits in any consecutive 12-month period and maintain a minimum cumulative GPA of 2.00.

In order to assure that students satisfactorily progress toward degree completion over a four-year or four-and-a-half-year period, detailed schematic outlines have been prepared for each degree. Students should follow these outlines closely as they register for classes. All degree programs in music include a number of courses that are sequential in nature and that develop skills in particular areas over several semesters of study. These courses include private performance study, music theory, sight-singing, and keyboard musicianship. For these core areas, which provide the foundation for a music major's study, the following specific registration requirements must be adhered to each semester:

1. Students must enroll in the appropriate performance study until the requirements are completed.
2. Students must enroll in the appropriate music theory, sight-singing, and keyboard musicianship courses until the sequence is completed.
3. Unless on part-time status, students must enroll in the appropriate major ensemble until the sequence is completed.

Exceptions to these registration requirements may occur under unusual circumstances. Permission for exceptions must be requested on the School of Music petition to request exceptions to School of Music policies form and reviewed by the instructor of record (when appropriate), the academic adviser, the appropriate department chair, and the associate dean. Students who withdraw from any course listed above must enroll in that course during the following semester. Failure to enroll in and successfully complete the course during the next semester in which it is offered will place the student on academic warning. Deficiencies in any area of preparation may necessitate remedial courses and may delay graduation.

Students who fail to meet College or school standards are subject to immediate suspension or to suspension after a warning period. Each case is reviewed on an individual basis by the dean and associate dean of the School of Music. If the review indicates that a warning before suspension is appropriate, the procedure below is followed. Students should be aware that the offer of a warning period is a privilege, based on individual review, not a right.

Warning, Suspension, Readmission

Academic Warning

A letter of warning notifies the student that the school's academic requirements have not been met. Continued deficiencies may lead to suspension or dismissal from the School of Music. The following are deficiencies that lead to academic warning:

1. Failure to maintain the general Ithaca College academic requirements of passing 24 credits in any consecutive 12-month period, unless approved for part-time status, and to maintain a minimum 2.00 cumulative GPA
2. A grade below C- in private-lesson study
3. Two successive failures in a music course required in the student's program (or two successive grades below C- in either keyboard musicianship or sight-singing), or withdrawal from a required music course previously failed, or failure to enroll in the subsequent offering of a required music course previously failed
4. Failure to enroll in and successfully complete music theory, sight-singing, or keyboard musicianship class over two consecutive semesters

During the semester that academic warning is in effect, the student must fulfill the specific requirements listed in the letter of warning or face suspension or dismissal from the School of Music.

Continuation of Warning

A second or subsequent letter of warning notifies the student of continuing deficiency in some areas listed under warning. Generally, this letter is sent to students who have demonstrated some improvement over the previous semester but have not yet attained the minimum levels required to be removed from formal warning.

During the semester that academic warning is in effect, the student must fulfill specific requirements listed in the letter of warning or face

suspension or dismissal from the School of Music. Students may be suspended if this level is not attained; in some cases they may be continued on warning for one more semester.

Final Warning

A letter of final warning notifies the student that only one semester remains to improve their academic standing. During the semester that a final academic warning is in effect, the student must fulfill the specific requirements listed in the letter of warning or face suspension or dismissal from the School of Music. These are absolute requirements.

Academic Suspension

A student being suspended from the School of Music and Ithaca College is informed with a formal letter of suspension. The length of the suspension is specified, and students are informed that they are not eligible to attend courses at the College until the semester specified by the notification letter.

In the formal letter, procedures for applying for return to the College are explained, and the general expectations of performance upon resumption of studies are indicated. As a general rule, students are expected to complete 12 letter-grade credit hours with a semester GPA of 2.30 or better, with no grades of I, W, or F, and no more than one grade below C. Other conditions may be specified in the formal notification.

Return to College Following Academic Suspension

Readmission to the School of Music following suspension is unusual. However, it may be possible and is contingent upon evidence of a satisfactory record of achievement at another accredited institution of advanced musical training.

Academic Dismissal

Students who meet College academic standards but not those of the School of Music may be dismissed from the School of Music. In such instances, students are suspended from the College for at least one semester. Continued study following the suspension is contingent on the student's being accepted into another school at the College.

In special cases, students with generally creditable records may be dismissed from a particular degree program for failure to meet requirements in that specific program. Such students are eligible to change their major to another program or school, provided they are accepted by the new department and, if applicable, school. Such program dismissals are usually made effective at the end of the following semester to allow the student time to decide upon, and be admitted to, a new major.

Dean's List

At the end of each semester, students who satisfy each of the following criteria are named to the dean's list in the School of Music:

1. A minimum semester average of 3.70 (first-year students, 3.50)
2. Completion of at least 15 letter-grade credit hours (except student-teaching seniors, who must have at least 12 credits)
3. No final grades of D, F, or I

Honors Courses

Presently, we are offering honors sections in Aural Skills courses only.

Degree Requirements

The following are courses with honors sections.

Code	Title	Credits
MUTH 13301	Aural Skills I - Honors	1.5
MUTH 13401	Aural Skills II - Honors	1.5
MUTH 23301	Aural Skills III - Honors	1
MUTH 23401	Aural Skills IV - Honors	1

Performance Studies

Performance studies are considered as non-liberal arts (NLA) courses for music majors because of the emphasis placed on performance. Performance studies are considered as liberal arts (LA) courses for non-music majors because of the emphasis placed on fine arts in the context of a liberal arts education.

Upon acceptance into the program, performance and performance/music education (four-and-a-half-year) majors take a one-hour private lesson each week for 4 credits per semester. All other Bachelor of Music students take a one-hour private lesson each week for 2 credits. Students in the Bachelor of Arts (Music Major) take a half-hour lesson each week (for 2 credits) for six semesters. Additionally, each semester, all music majors take the 0.5-credit course PFMJ 19900. Music minors take a half-hour private lesson each week for 1 credit per semester. Music majors who have an additional requirement of private lessons on a secondary instrument (e.g., voice students who take private piano lessons) take a half-hour lesson each week for 1 credit. Music minors and music majors in secondary lessons do not take the PFMJ 19900 class for that instrument.

The following table shows performance studies (principal) levels and credits to be taken within degree programs of the School of Music.

Credits of Performance Study per Semester

Program	Levels of Performance Study	Credits
Music education	I-IV (two semesters at each level; 1 credit during semester of senior student teaching)	2
Music education/performance	I-IV (two semesters at each level); V (one semester; 2 credits during semester of senior student teaching)	4
Performance	I-IV (two semesters at each level)	4
Performance—collaborative emphasis	I-IV (two semesters at each level)	4
Sound recording technology	I-IV (two semesters at each level; 1 credit during semester of internship)	2
Combination with outside field	I-IV (two semesters at each level)	2
Jazz studies	I-IV (two semesters at each level)	2
Composition	(no performance studies - major required)	0

Bachelor of arts in music	I-III (two semesters at each level)	2
Minor in music	I-II (two semesters at each level)	1
B.F.A.—musical theater ¹	I-IV (two semesters at each level; 1 credit during first semester of first year)	2

¹ Degree program administered by the School of Humanities and Sciences.

See the following programs for the specific requirements for each degree program in the School of Music:

Majors

- Composition Major — B.M. (p. 681)
- Music Education Major — B.M. (p. 597)
- Music in Combination with an Outside Field — B.M. (p. 690)
- Music Major — B.A. (p. 692)
- Music Undeclared (p. 695)
- Performance and Music Education Major — B.M. (p. 608)
- Performance Major — B.M. (p. 660)
- Performance, Collaborative Emphasis — B.M. (p. 665)
- Sound Recording Technology Major — B.M. (p. 667)
- Jazz Studies Major — B.M. (p. 669)

Minors

- Music Minor (p. 696)

Concentrations

- Jazz Studies Concentration (p. 673)

Integrative Core Curriculum

The Integrative Core Curriculum (ICC) is Ithaca College's liberal education program, which contributes, along with students' curricular experiences in the major, elective offerings, and out-of-class experiences, to achieving the College's expectation that Ithaca College graduates should become integrative thinkers, critical and analytical problem solvers, and reflective learners. To achieve these expectations, students completing the ICC will:

1. Address a topic, issue, problem area, or human challenge using a combination of concepts, theories, and/or methods from multiple perspectives or fields of study;
2. Apply concepts, theories, methods, or skills to analyze new questions or complex problems
3. Engage in and communicate self-reflection about their learning in the Integrative Core Curriculum, their chosen major discipline, and their overall Ithaca College experience

Requirements of the ICC

Code	Title	Credits
	Ithaca Seminar	4
	Themes and Perspective Courses	12
	Creative Arts (CA)	
	Humanities (HM)	
	Natural Sciences (NS)	

Social Sciences (SO)	
Complimentary Liberal Arts	12
School Requirements here	
Additional Requirements	12
WRTG 10600 Academic Writing I (or ICSM 10800 or ICSM 11800)	
Writing Intensive (WI)	
Diversity (DV)	
Quantitative Literacy (QL)	
ICC Capstone (CP)	0-3
E-Portfolio completion	
Total Credits	40

Course Prefixes and Numbering System

Course Prefixes

JAZZ	Jazz studies
MSRT	Music Sound Recording Technology
MUED	Music education
MUEN	Ensembles
MUMC	Additional music courses
MUNM	Courses for the non-music major
MUPS	Music Performance Studies
MUTH	Music theory, aural skills, and composition; music history and literature
PFMJ	Performance—major instrument
PFNM	Performance—nonmajor
PFSM	Performance—secondary instrument

Numbering System

The first three digits after the prefix designate the specific course. The first of these digits represents the year (one through four) during which a student normally takes this course. Ensembles may be repeated for credit. The third digit is odd or even depending on whether the course is normally offered during the first or second semester, respectively.

Level-5 Courses

Courses at level 5 are graduate courses for which qualified seniors may enroll under certain circumstances. Seniors may take level-5 courses for either graduate or undergraduate credit provided they

1. have completed 90 or more hours in an undergraduate degree program;
2. have a cumulative GPA of 3.00 or higher; and
3. secure the approval of the instructor, undergraduate adviser, graduate chair, dean of the school, and dean of graduate studies.

Such courses taken for graduate credit cannot be applied toward an undergraduate degree; those taken for undergraduate credit cannot be applied toward a master's degree.

Music Education

Radio Cremata, Associate Professor and Chairperson

Mission, Values, Goals, and Outcomes

MISSION STATEMENT:

Developing exemplary music educators who are committed to serving others for the betterment of self and society.

PROGRAM VALUES AND GOALS:

Diversity & Breadth

- Provide choice and flexibility to pursue multiple types of music education experiences
- Prepare students with an integrated experience of diversity, technology, and emerging practice
- Recruit and value students and faculty with diverse musical backgrounds

Leadership & Innovation

- Prepare students to advance the profession through innovative teaching practices
- Nurture critical and creative thinking
- Foster reflective practitioners who grow throughout their careers

Expansion & Engagement

- Facilitate and encourage students' life-long and life-wide involvement in music teaching and learning
- Promote and support community music engagement
- Equip students with the knowledge and skills to advocate music for music's sake

Musicianship & Pedagogy

- Develop exemplary teachers and musicians
- Inspire creative and contextualized teaching and assessing
- Further students' understanding of child and adolescent development and learning

STUDENT LEARNING OUTCOMES:

Content Knowledge: The Bachelor of Music in Music Education graduate demonstrates a rich and thorough understanding of content and skill knowledge (processes of creating, performing, and describing), theories, and issues comprising the discipline (proficiency in performance/musicianship, conducting, and rehearsing), including an understanding of cognitive, physical, and social development.

Planning and Instruction/Implementation: The Bachelor of Music in Music Education graduate plans and implements effective, developmentally appropriate (intellectually, physically, socially, and psychologically) lessons and curricula based upon sound principles of content knowledge, skill development, and pedagogy. The graduate implements the National Standards in Music Education and uses appropriate materials and strategies to develop students' critical thinking, problem solving, and performance skills.

Positive Learning Environment: The Bachelor of Music in Music Education graduate creates safe, healthy, dynamic, and motivational learning environments that encourage every student to meet standards,

to develop independence, to become actively involved, and to trust, take risks, and collaborate.

Diversity: The Bachelor of Music in Music Education graduate demonstrates and celebrates a foundational knowledge of the unique nature, abilities, cultures, and characteristics of all learners, including literacy and second language acquisition, and is able to modify instruction so everyone can be successful. The graduate also believes that all students can and should have rich and diverse musical experiences and is committed to teach music in a diverse society to all people regardless of individual difference or ability.

Technology: The Bachelor of Music in Music Education graduate effectively utilizes technology to enhance students' learning and professional growth.

Assessment: The Bachelor of Music in Music Education graduate develops and utilizes a variety of assessment approaches designed to evaluate student learning and performance, encourages student reflection and self-evaluation, provides feedback, and shapes future lesson planning and curricula.

Collaboration and Outreach: The Bachelor of Music in Music Education graduate fosters positive relationships and collaborates with a variety of target groups (e.g. students, colleagues, families, local community members, etc.) in order to promote and enhance partnerships within the learning environment.

Professional Development: The Bachelor of Music in Music Education graduate continually seeks to expand knowledge and improve effectiveness as a teacher, to make positive professional contributions, and to exhibit the professional disposition of an emerging teacher. The graduate reflects on teaching, students' performance, and developments in the field to extend knowledge and refine a personal philosophy of music education

Bachelor of Music in Music Education

By fulfilling academic requirements for the New York initial teaching certificate, this program allows the prospective music teacher an opportunity to achieve vocal and instrumental certification for birth through 12th grade (B-12) while developing performance and pedagogical skills.

The initial teaching certificate is valid for five years, during which time the master's degree in music education or master's degree in an approved related area must be attained in order to maintain teacher certification. In addition to the courses required for the undergraduate degree in music education, candidates must also attain a satisfactory level of performance on all New York State certification exams. A fingerprinting and background check of the student's judicial record is also required. Information concerning test and fingerprinting sites, dates, and cost is available in the Department of Education in 194 Phillips Hall and the Office of Career Services.

During a student's pursuit of the Music Education or Music Performance/ Music Education Degree, there are several transition points that must be met in order to continue in the degree. If a standard is not met, depending on the severity of the deficit, the student may be immediately dismissed or be put on probation. Students on probation have clearly articulated goals that must be met by the end of the next semester. These goals must be met before the student is allowed to continue in the program. If the probation goals are not met within the specified time limit, the student is subject to dismissal. Listed below are the transition points. More information will appear in the Music Education Handbook, and this

material will also be discussed in the Introduction to Music Education course. In addition, related information can be found in the Education Program section of the catalog.

1. Admission to Professional Education (at the end of MUED 20200 and prior to Junior Student Teaching)
2. Admission to Student Teaching (at the end of Junior Student Teaching and prior to Senior Student Teaching)
3. Completion of Student Teaching
4. Completion of Program

Senior Block Student Teaching

Senior Block Student Teaching: Vocal or Instrumental (MUED 46800 or MUED 46900) represents the culminating experience in the music education curriculum.

Prerequisites for Senior Block Student Teaching

- A minimum cumulative GPA of 2.70
- Successful completion of music theory courses MUTH 10100, MUTH 12100, MUTH 12200, MUTH 22100, and MUTH 22200 (or the corresponding honors-level courses)
- Successful completion of sight-singing courses MUTH 13300, MUTH 13400, MUTH 23300, and MUTH 23400 (or the corresponding honors-level courses)
- A minimum cumulative average of C+ in major performance area
- Successful completion of MUED 10100, MUED 10200, MUED 20100, and MUED 20200 with a minimum cumulative average of C+
- Successful completion of MUED 26700 with a minimum grade of C+
- Successful completion of MUED 30100 and MUED 30200 or MUED 30300 and MUED 30400 with a minimum cumulative average of C+
- Successful completion of MUED 36900 and MUED 38000, MUED 37100 and MUED 38100, or MUED 37100 and MUED 38200 with a minimum cumulative average of C+
- Successful completion of MUED 28000, MUED 28100, MUED 28200, MUED 36100 with a minimum grade of C+
- Successful completion of the EDUC workshops/seminars: EDUC 19210, EDUC 19220, EDUC 19230 and EDUC 19240
- Successful completion of the EDUC course sequence: EDUC 21010, EDUC 23900 and EDUC 34000
- Successful completion of core subjects in either the vocal or instrumental emphasis:
 - A. Vocal Emphasis
 - MUED 24600 with a minimum grade of C+
 - MUED 36800 with a minimum grade of C+
 - PFSM 17100, PFSM 17200, PFSM 27300, and PFSM 27400 with a minimum cumulative average grade of C+
 - B. Instrumental Emphasis
 - Secondary instruments through the junior year with a minimum cumulative average of C+
 - MUED 36200 with a minimum grade of C+
 - MUED 34700, for string majors only, or MUED 37500, for wind and percussion majors only, with a minimum grade of C+

- Successful completion of proficiency examinations in the vocal or instrumental emphasis. These exams are normally completed during block I of the spring semester of the junior year, and all proficiencies and secondary instrument classes within the designated track must be completed by the end of block I of the spring semester before the block of senior student teaching. For proficiency requirements, see the Handbook for Senior Student Teaching in Music Education

Students who fail to achieve the academic criteria listed must meet with the department chair to arrange the necessary remedial coursework.

General Information Regarding Senior Block Student Teaching

In order to fulfill New York State Education Department (NYSED) policies and foster a true commitment to senior student teaching, music education senior student teachers may not participate in official Ithaca College activities related to varsity sports and registered credit-bearing coursework, including zero-credit participation or auditing. This coursework includes, but is not limited to, classes, lessons, rehearsals, and performances. In addition, music education senior student teachers are strongly encouraged to consider the impact that additional non-student teaching activities and obligations (including, but not limited to, lessons, performing, rehearsing, employment, and other commitments) may have on completing a successful student teaching experience. Participating in non-student teaching activities may affect a student teacher's ability to complete senior teaching successfully and may affect the related grade negatively or result in removal from senior student teaching. Recognizing the importance of outstanding musicianship to effective music teaching, student teachers are encouraged to continue practicing and making music during their student teaching — this is the essence of being a high-quality teacher-practitioner (music educator-musician). However, all senior student teachers are expected to consider the above-stated policy and make the student teaching experience their primary focus. (This written policy underscores the commitment expected of every Ithaca College music education student teacher; in addition, it emphasizes the responsibility that student teachers and Ithaca College have to ensure quality music education for the host site's students.)

Other than absences related to illness, which require immediate contacting of the cooperating teacher, or absences related to serious illness or accidents, which additionally require immediate contacting of the supervisor or chair of music education, all absences must be approved in advance by the chair of music education.

The senior student teaching program is based on the belief that certain competencies fundamental to successful teaching can best be fostered in the environment in which the teaching will generally occur. Therefore, the senior student teaching program is a cooperative effort on the part of this institution and cooperating secondary schools. An application requesting a student teaching assignment must be submitted by the student by February 15 of the academic year immediately preceding the student teaching assignment. Students are required to preregister for MUED 46800 or MUED 46900 during the semester immediately preceding the student teaching assignment. Student teaching is to be completed during the fall (block II) or in the spring (block II). Vacation periods coincide with the calendar of the cooperating school district during the assignment. Students are not assigned to teach in a public school they attended as students.

Students are encouraged to live in the community or the school district where they are assigned to teach. Although the student is not charged for meals during the student teaching assignment period, a charge is

assessed for on-campus housing commitments that students have made. Transportation and arrangements for housing in the assigned community are the responsibility of the student teacher. Help in making housing arrangements can be sought through the cooperating teacher, the principal's or superintendent's offices, local real estate agencies, or former student teachers. Commuting any great distance may be dangerous or time-consuming and could lead to an inadequate teaching experience. Most cooperating teachers are involved in some evening and weekend teaching duties, and the student teacher is expected to participate in all of these duties. Married students, if they desire, may be placed in schools close to Ithaca as a convenience to their families.

Piano, Organ, and Guitar Majors in Music Education

Piano, organ, and guitar students normally receive instruction and experience in the vocal emphasis area. Piano, organ, and guitar majors who want to have a teaching experience in the instrumental area may elect the instrumental emphasis no later than during their sophomore year. They must have completed at least one full semester of coursework, be in good standing with the Department of Music Education and the School of Music, and must have performance capability on a wind, string, or percussion instrument equal to "outstanding level" on grade IV literature listed in the New York State School Music Association (NYSSMA) manual. This is determined by an audition with a member of the instrumental music education department and the appropriate performance faculty member. The audition determines the amount of study necessary on that instrument. The program makes provision for four semesters of secondary instrument private lessons. Deficiencies may demand further study in private lessons, subject to the elective applied music fee. Membership is required in a major instrumental performing group (on the secondary instrument) each semester and in choral ensemble for two semesters. The student must follow the curriculum of music education-instrumental.

Pianists, guitarists, and organists who elect the instrumental emphasis will, in these programs, enroll for 2 credits of private instruction on the major instrument — piano, guitar, or organ. They have a weekly half-hour lesson, attend weekly repertoire class, and perform a jury at the end of the semester. Students may also audition for the four-and-a-half-year degree program. If accepted, the students have a weekly one-hour lesson, attend weekly repertoire class, and perform a jury at the end of the semester. Students in these programs must enroll for 1 credit of private instruction on the secondary instrument; they have a weekly half-hour lesson.

The credits earned in private lessons on the secondary instrument may be counted as music electives.

Credits earned in private lessons on the secondary instrument beyond the four semesters provided for in the program are subject to a private lesson fee in accordance with the schedule shown under the "Expenses" page in the catalog (p. 707); they may be counted as music electives.

Senior Student Teaching

Complete information concerning prerequisite coursework, proficiency exams, assignments, procedures and policies, and other information can be found in the Handbook for Senior Student Teaching in Music Education.

Majors

- Music Education Major — B.M. (p. 597) - This program combines an intensive study of music, focused on the student's primary instrument, with a rigorous sequence of music education classes, including student teaching experiences in both the junior and the

senior years. The degree allows the prospective music teacher an opportunity to achieve vocal and instrumental certification for kindergarten through the 12th grade (K-12). Students must audition on their primary instrument before a faculty member(s), as well as interview with a faculty member of the Department of Music Education.

- Performance and Music Education Major — B.M. (p. 608) - (Nine semester program of study) — This single degree program combines intensive study on a student's primary instrument, including two required recitals, with a rigorous sequence of music education classes, including student teaching experiences in both the junior and the senior years. The degree allows the prospective music teacher an opportunity to achieve vocal and instrumental certification for kindergarten through the 12th grade (K-12). Students must interview with a faculty member of the Department of Music Education, and audition before a faculty member(s) and exhibit the potential to fulfill, with distinction, the recital obligations of the program. Current Music Education degree students interested in adding the Performance degree should arrange their audition through Music Admissions.

MUED 10100 Introduction to Music Education: Career Orientation (NLA)

An orientation for first-semester music education majors, including an overview of contemporary issues in music education. In addition, an exploration of career opportunities in music education and other fields will be covered. Introduction to Music Education serves as the first of four classes in the music field-experience sequence. (F-Y)

Attributes: TE

0.5 Credit

MUED 10200 Music Field Experience I (NLA)

Second of four semesters of observations or participation in music teaching in a variety of settings and student development levels.

Prerequisites: MUED 10100. (S-Y)

Attributes: TE

0.5 Credit

MUED 20100 Music Field Experience II (NLA)

Third of four semesters of observations of or participation in music teaching in a variety of settings and student developmental levels.

Prerequisites: MUED 10200. (F-Y)

Attributes: TE

0.5 Credit

MUED 20200 Current Topics in Music Education: Career Orientation (NLA)

This course is designed to address topics relevant to success in contemporary music education and will include several areas of focus required by NYSED regulations. Current Topics in Music Education serves as the fourth of four classes in the music field-experience sequence.

Prerequisites: MUED 20100. (S-Y)

Attributes: TE

0.5 Credit

MUED 24600 Classroom Instruments (NLA)

Techniques and materials for teaching children to play classroom instruments, including Orff instrumentarium, soprano recorder, autoharp, and guitar. Prerequisites: Sophomore standing; MUED 10200. (F-S)

Attributes: TE

1 Credit

MUED 26700 Music Education for Children (NLA)

Emphasis is placed on planning, implementing, and evaluating an eclectic curriculum based on conceptual pedagogy. Study of the influences of Dalcroze, Orff, and Kodály. Projects in designing materials for large group, small group, and individualized instruction of pre-kindergarten through grade 6. Survey of adaptations necessary for the special learner in music in mainstreamed and inclusive settings. Prerequisites: Sophomore standing; MUED 10200. (F-S)

Attributes: SL, TE

2 Credits

MUED 28000 Contemporary Ensembles in the Public Schools: Vocal-Choral (NLA)

Philosophical and pedagogical foundations for providing successful diverse musical experiences within the public schools. Special focus will be given to a broad range of musical genres and ensembles, including how to incorporate and support their inclusion into the traditional public school music program. The course will include experiential opportunities related to contemporary ensembles in the public school and will place added emphasis on world music. Prerequisites: MUED 20100. (S,Y)

Attributes: TE

1 Credit

MUED 28100 Contemporary Ensembles in the Public Schools: Instrumental-Band (NLA)

Philosophical and pedagogical foundations for providing successful diverse musical experiences within the public schools. Special focus will be given to a broad range of musical genres and ensembles, including how to incorporate and support their inclusion into the traditional public school music program. The course will include experiential opportunities related to contemporary ensembles in the public school and will place added emphasis on jazz. Prerequisites: MUED 20100. (S,Y)

Attributes: TE

1 Credit

MUED 28200 Contemporary Ensembles in the Public Schools: Instrumental-Orchestra (NLA)

Philosophical and pedagogical foundations for providing successful diverse musical experiences within the public schools. Special focus will be given to a broad range of musical genres and ensembles, including how to incorporate and support their inclusion into the traditional public school music program. The course will include experiential opportunities related to contemporary ensembles in the public school and will place added emphasis on ethnic fiddling. Prerequisites: MUED 20100. (S-Y)

Attributes: TE

1 Credit

MUED 30100-30200 Choral Conducting (NLA)

Designed to develop proficiency in manual and aural skills. Prerequisites: Junior standing; MUTH 22100 or MUTH 22101. (F)

Attributes: TE

2 Credits

MUED 30300-30400 Instrumental Conducting (NLA)

Designed to develop proficiency in manual and aural skills. Prerequisites: Junior standing; MUTH 22100 or MUTH 22101. (F)

Attributes: TE

2 Credits

MUED 34700 String Pedagogy (NLA)

Pedagogical techniques and field experience for teaching string instruments in private, small group, and large ensemble settings. A synthesis of pedagogical concepts introduced in secondary instrument classes. Prerequisites: Junior standing; secondary instruments through sophomore year. Corequisites: MUED 37100. (F)

Attributes: TE

2 Credits

MUED 35600 Laboratory Band (NLA)

A survey of elementary and junior high school ensemble materials. Students perform on instruments other than their major one and may, at the discretion of the instructor, be given opportunities to conduct rehearsals. Class meeting: Two hours per week. Prerequisites: Junior standing; MUED 30100 or MUED 30300. (S,B)

Attributes: UND

1 Credit

MUED 35700 Laboratory Orchestra (NLA)

A survey of elementary and junior high school ensemble materials. Students perform on instruments other than their major one and may, at the discretion of the instructor, be given opportunities to conduct rehearsals. Class meeting: Two hours per week. Prerequisites: Junior standing; MUED 30100 or MUED 30300. (S,E)

1 Credit

MUED 36100 Teaching Vocal - General Music (NLA)

Taught in tandem with the junior vocal student teaching experience at Immaculate Conception School. The pedagogical principles, philosophical issues, and the state and national standards that were introduced during the prerequisite courses are continued at a more advanced level and applied with children from preschool through grade 8 in the music classroom. Prerequisites: Junior standing; MUED 24600; MUED 26700. Corequisites: MUED 36900. (F)

Attributes: TE

1 Credit

MUED 36200 Teaching Instrumental Music (NLA)

Emphasis is placed on implementing a successful school instrumental music program, including philosophical issues, national and state standards, administration, evaluation, assessment, recruitment techniques, ensemble classroom management, and advocate/parent relations. Also a forum for field experience questions and issues. Prerequisites: Junior standing; secondary instruments through the sophomore year. (S)

Attributes: TE

1 Credit

MUED 36800 General and Choral Music in the Secondary School (NLA)

The study and practical application of materials and techniques for teaching general and choral music in middle school, junior high, and high school. Special consideration is given to music for the changing-voice choir. Prerequisites: Junior standing; MUED 20200. (F-S)

Attributes: TE

2 Credits

MUED 36900 Student Teaching: Vocal (NLA)

Junior year. Observation of experienced teachers, followed by biweekly teaching experience under supervision in a local lab school (Immaculate Conception School). Prerequisites: Junior standing; MUED 20200; MUED 24600; MUED 26700 with a minimum grade of C+. Corequisites: MUED 36100. (F)

Attributes: TE

2 Credits

MUED 37100 Student Teaching: Instrumental (NLA)

Junior year. Observation of experienced teachers, followed by weekly teaching experience under supervision in area elementary schools. Prerequisites: Junior standing; secondary instruments through sophomore year; MUED 20200. Corequisites: MUED 37500 or MUED 34700. (F)

Attributes: TE

2 Credits

MUED 37500 Wind Instrument Pedagogy (NLA)

Pedagogical techniques and field experience for teaching woodwind and brass instruments in private, small group, and large ensemble settings. A synthesis of pedagogical concepts introduced in secondary instrument classes. Prerequisites: Junior standing; secondary instruments through sophomore year. Corequisites: MUED 37100. (F)

Attributes: TE

2 Credits

MUED 38000 Student Teaching and Rehearsal Lab: Vocal-Choral (NLA)

Junior Year. Observation of experienced teachers, followed by weekly primary-level teaching experience under supervision. The rehearsal lab is a supplement to the junior-level student teaching experience and is an extension of the rehearsal practice covered in the conducting course. The lab provides more opportunities for students to lead peers in large ensemble choral rehearsals, including choral warm-ups and rehearsal of distinctive choral repertoire in a wide range of styles and periods. The course includes the study of excellent repertoire appropriate for middle school and high school. Prerequisite: MUED 30100 and MUED 36900. Corequisite: MUED 30200. (S,Y)

2 Credits

MUED 38100 Student Teaching and Rehearsal Lab: Instrumental-Band (NLA)

Junior Year. Observation of experienced teachers, followed by weekly primary-level teaching experience under supervision. The rehearsal lab is a supplement to the junior-level student teaching experience and is an extension of the rehearsal practice covered in the conducting course. The lab provides more opportunities for students to lead peers in large ensemble band rehearsals, including band warm-ups and rehearsal of distinctive band repertoire in a wide range of styles and periods. The course includes the study of excellent repertoire appropriate for elementary school, middle school, and high school. Prerequisite: MUED 30300 and MUED 37100. Corequisite: MUED 30400. (S-Y)

2 Credits

MUED 38200 Student Teaching and Rehearsal Lab: Instrumental-Orchestra (NLA)

Junior Year. Observation of experienced teachers, followed by weekly primary-level teaching experience under supervision. The rehearsal lab is a supplement to the junior-level student teaching experience and is an extension of the rehearsal practice covered in the conducting course. The lab provides more opportunities for students to lead peers in large ensemble orchestra rehearsals, including orchestra warm-ups and rehearsal of distinctive orchestra repertoire in a wide range of styles and periods. The course includes the study of excellent repertoire appropriate for elementary school, middle school, and high school. Prerequisite: MUED 30300 and MUED 37100. Corequisite: MUED 30400. (S,Y)

2 Credits

MUED 40100 Advanced Choral Conducting (NLA)

Students engage in the study and practice of conducting choral music for improved clarity of basic conducting technique, working on advanced techniques and more challenging music. In addition, the course includes score study that leads to more artistic conducting and the study of rehearsal techniques that lead to expressive singing and musical understanding. Students will work through repertoire from a variety of periods and styles with varied conducting challenges. Prerequisites: MUED 30200 or MUED 30400. (B,F)

2 Credits

MUED 40200 Advanced Instrumental Conducting (NLA)

Studies and practices aimed toward improved clarity of basic stick technique through the use of unequal motions (rhythmic and melodic). Practical exploration of rehearsal techniques, with an emphasis placed on clarity and efficiency in solving problems of balance, ensemble, intonation, and phrasing. Prerequisites: MUED 30400. (F-B,E,S-B)

2 Credits

MUED 41000 Multicultural Perspectives in Music Education (LA)

An investigation of world musics in the context of cultural values and identities, with a focus on how to teach them to students in the public school setting. Prerequisites: MUED 36100, MUED 37500, or MUED 34700. (S-B, E)

2 Credits

MUED 44000 Materials and Rehearsal Techniques for the Public School (NLA)

The study and evaluation of materials appropriate for teaching elementary, junior high, and senior high school band. Included is the examination of method books, instructional materials, and music for wind band. Prerequisites: Junior standing; MUED 30300. (S)

2 Credits

MUED 44900 Marching Band Techniques (NLA)

A study of techniques employed by high school and college marching bands, including arranging, fundamentals, and charting procedures. Each student is required to chart an entire field band show. Includes extensive use of video. Prerequisites: Junior standing; MUED 37500 or MUED 35600, or permission of instructor. (S-B)

2 Credits

MUED 46800 Senior Block Student Teaching: Vocal (NLA)

Senior year. A diversified half-semester, full-time teaching experience in a carefully selected public school; emphasis on the junior and senior high school levels. Prerequisites: Senior standing; MUED 38000 within a minimum grade of C+ (see "prerequisites/eligibility" for the music education senior student teaching experience, in the "Music Education Student Teacher Handbook"). (F-S)

Attributes: TE

6 Credits

MUED 46900 Senior Block Student Teaching: Instrumental (NLA)

Senior year. A diversified half-semester, full-time teaching experience in a carefully selected public school; emphasis on the secondary school levels. Prerequisites: Senior standing; MUED 38100 or MUED 38200 with a minimum grade of C+ (see "prerequisites/eligibility" for the music education senior student teaching experience, in the "Music Education Student Teacher Handbook"). (F-S)

Attributes: TE

6 Credits

MUED 46912 Senior Semester Student Teaching (NLA)

Explore a full semester of full-time music teaching in a school. Working closely with the MUED department, placements are determined based on specific needs/preferences. Senior student teachers gain experience as a school music teacher under supervision and mentorship of an experienced cooperating teacher and college level supervisor. Emphasis will be on middle and high school music education. Prerequisites: Dean Permission. (F,S)

12 Credits

MUED 47000 Senior Music Education Capstone and Portfolio (NLA)

An independent project in which the music education student reflects on the Junior Student Teaching experience and synthesizes the experience with all the other Integrative Core, Liberal Arts, and School of Music curricula. Prerequisite: Senior standing. Co-requisite: MUED 46800 or 46900. (F,S)

Attributes: CP

2 Credits

Music Education Major – B.M.

Summary

Code	Title	Credits
	Music Requirements	62.5
	Music Education Requirements	34
	Integrative Core Curriculum Requirements	28-29
Total Credits		124.5

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
PFMJ 10100	Voice I - Music Major (2 credits times 2 semesters)	4
PFMJ 20100	Voice II - Music Majors (2 credits times 2 semesters)	4
PFMJ 30100	Voice III - Music Majors (2 credits times 2 semesters)	4
PFMJ 40100	Voice IV - Music Majors (2 credits times 1 semester; 1 credit during Sr. Student Teaching semester)	3
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4
PFMJ 10302	Piano I - Secondary Instrument	1
Ensembles		
	Choral (1 credit times 7 semesters; .5 credit during Sr. Student Teaching semester)	7.5
	MUEN 10800 Choir or MUEN 10900 Chorus or MUEN 11000 Double Chorale	
Music Theory		
MUTH 10100	Fundamentals of Music Theory ¹	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I or MUTH 12201 Music Theory I – Honors	2
MUTH 22100	Music Theory II	2

or MUTH 22101	Music Theory II – Honors	
MUTH 22200	Music Theory III	2
or MUTH 22201	Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
or MUTH 32101	Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
or MUTH 32201	Analysis of Music since 1900 - Honors	
Aural Skills		
MUTH 13300	Aural Skills I	1.5
or MUTH 13301	Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
or MUTH 13401	Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
or MUTH 23301	Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
or MUTH 23401	Aural Skills IV - Honors	
Other Music Requirements		
xxxxx	Music electives ¹	3-4
MUMC 16100	Diction I	2
MUMC 16200	Diction II	2
MUMC 10300	Introduction to Music Technology	1
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3
MUSIC EDUCATION REQUIREMENTS		
Intro Sequence		
MUED 10100	Introduction to Music Education: Career Orientation	0.5
MUED 10200	Music Field Experience I	0.5
MUED 20100	Music Field Experience II	0.5
MUED 20200	Current Topics in Music Education: Career Orientation	0.5
Mandated EDUC Workshops		
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
Pedagogy Courses		
MUED 26700	Music Education for Children	2
MUED 28000	Contemporary Ensembles in the Public Schools: Vocal-Choral	1
MUED 35600	Laboratory Band	1
MUED 36100	Teaching Vocal - General Music	1
MUED 36800	General and Choral Music in the Secondary School	2
Conducting Sequence		

MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2
Secondary Instruments		
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 27300	Keyboard Musicianship III - Vocal Music Education Majors	1
PFSM 27400	Keyboard Musicianship IV - Vocal Music Education Majors	1
MUED 24600	Classroom Instruments	1
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1
Student Teaching-Internships-Capstones		
MUED 36900	Student Teaching: Vocal	2
MUED 38000	Student Teaching and Rehearsal Lab: Vocal-Choral	2
MUED 46800	Senior Block Student Teaching: Vocal	6
MUED 47000	Senior Music Education Capstone and Portfolio	2
INTEGRATIVE CORE CURRICULUM ²		
ICC Theme & Perspective ³		
ICSM 10800	Ithaca Seminar in Writing ⁴	4
or ICSM 11800	Honors Ithaca Seminar: Writing	
EDUC 21010	Educational Psychology (SO)	3
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
Competencies		
Complementary Liberal Arts CLA		
EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
xxxxx	Modern language (French, German, Italian or Spanish) ⁵	3
MATH xxxxx	Math requirement (except MATH 10000)	3
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁶		9
Capstone Experience		
MUED 47000	Senior Music Education Capstone and Portfolio (CP) ⁷	2
Total Credits		124.5

¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.

² The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

- ³ Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.
- ⁴ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁵ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.
- ⁶ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁷ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
Music Requirements		63.5
Music Education Requirements		34
Integrative Core Curriculum Requirements		28-29
Total Credits		125.5

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
PFMJ 10300	Piano I - Music Majors (2 credits times 2 semesters)	4
PFMJ 20300	Piano II - Music Majors (2 credits times 2 semesters)	4
PFMJ 30300	Piano III - Music Majors (2 credits times 2 semesters)	4
PFMJ 40300	Piano IV - Music Majors (2 credits times 1 semesters; 1 credit during Sr. Student Teaching semester)	3
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4
PFMJ 10102	Voice I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20102	Voice II - Secondary Instrument (1 credit times 2 semesters)	2
Ensemble		
Choral (1 credit times 5 semesters; .5 credit during Sr. Student Teaching semester)		5.5
MUEN 10800	Choir	
	or MUEN 10900 Chorus	
	or MUEN 11000 Treble Chorale	
MUEN 11700	The Pianist as Collaborator	1
MUEN 11800	The Pianist as Collaborator	1

Music Theory

MUTH 10100	Fundamentals of Music Theory ¹	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
	or MUTH 12201 Music Theory I – Honors	
MUTH 22100	Music Theory II	2
	or MUTH 22101 Music Theory II – Honors	
MUTH 22200	Music Theory III	2
	or MUTH 22201 Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
	or MUTH 32101 Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
	or MUTH 32201 Analysis of Music since 1900 - Honors	

Aural Skills

MUTH 13300	Aural Skills I	1.5
	or MUTH 13301 Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
	or MUTH 13401 Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
	or MUTH 23301 Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
	or MUTH 23401 Aural Skills IV - Honors	

Other Music Requirements

xxxxx	Music electives ¹	3-4
MUMC 16300	Diction for the Non-Vocal Music Major	2
MUMC 10300	Introduction to Music Technology	1
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS

Music History

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

MUSIC EDUCATION REQUIREMENTS

Intro Sequence

MUED 10100	Introduction to Music Education: Career Orientation	0.5
MUED 10200	Music Field Experience I	0.5
MUED 20100	Music Field Experience II	0.5
MUED 20200	Current Topics in Music Education: Career Orientation	0.5

Mandated EDUC Workshops

EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Pedagogy Courses

MUED 26700	Music Education for Children	2
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MUED 28000	Contemporary Ensembles in the Public Schools: Vocal-Choral	1
MUED 35600	Laboratory Band	1
MUED 36100	Teaching Vocal - General Music	1
MUED 36800	General and Choral Music in the Secondary School	2
Conducting Sequence		
MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2
Secondary Instruments Study Plans		
PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
PFSM 10100	Class Voice	1
PFSM 10200	Class Voice	1
MUED 24600	Classroom Instruments	1
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1
Student Teaching-Internships-Capstone		
MUED 36900	Student Teaching: Vocal	2
MUED 38000	Student Teaching and Rehearsal Lab: Vocal-Choral	2
MUED 46800	Senior Block Student Teaching: Vocal	6
MUED 47000	Senior Music Education Capstone and Portfolio (CP)	2
INTEGRATIVE CORE CURRICULUM ²		
ICC Theme & Perspective ³		
ICSM 10800	Ithaca Seminar in Writing ⁴	4
	or ICSM 11800 Honors Ithaca Seminar: Writing	
EDUC 21010	Educational Psychology (SO)	3
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
Competencies		
Complementary Liberal Arts CLA		
EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
xxxxx	Modern language (French, German, Italian or Spanish) ⁵	3
MATH xxxxx	Math requirement (except MATH 10000)	3
Course Attributes		
	Select 3 credits of each (DV, WI, QL) ⁶	9
Capstone Experience		
MUED 47000	Senior Music Education Capstone and Portfolio (CP) ⁷	2
Total Credits		125.5

- ¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.
- ² The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ³ Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.
- ⁴ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁵ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.
- ⁶ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁷ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Keyboard Track Secondary Instruments

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 10200	Class Voice	1
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Summary

Code	Title	Credits
	Music Requirements	63.5
	Music Education Requirements	35
	Integrative Core Curriculum Requirements	28-29
Total Credits		126.5

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
PFMJ 11700	Classical Guitar I - Majors (2 credits times 2 semesters)	4
PFMJ 21700	Classical Guitar II - Music Majors (2 credits times 2 semesters)	4
PFMJ 31700	Classical Guitar III - Music Majors (2 credits times 2 semesters)	4

PFMJ 41700	Classical Guitar IV - Music Majors (2 credits times 1 semester; 1 credit during Sr. Student Teaching semester)	3
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4
PFMJ 10102	Voice I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20102	Voice II - Secondary Instrument (1 credit times 2 semesters)	2

Ensemble

Choral (1 credit times 5 semesters; .5 credit during Sr. Student Teaching semester) 5.5

MUEN 10800	Choir or MUEN 10900 Chorus or MUEN 11000 Treble Choral	
MUEN 11500	Guitar Ensemble (1 credit times 2 semesters)	2

Music Theory

MUTH 10100	Fundamentals of Music Theory ¹	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I or MUTH 12201 Music Theory I – Honors	2
MUTH 22100	Music Theory II or MUTH 22101 Music Theory II – Honors	2
MUTH 22200	Music Theory III or MUTH 22201 Music Theory III – Honors	2
MUTH 32100	Form and Analysis or MUTH 32101 Form and Analysis – Honors	2
MUTH 32200	Analysis of Music since 1900 or MUTH 32201 Analysis of Music since 1900 - Honors	2

Aural Skills

MUTH 13300	Aural Skills I or MUTH 13301 Aural Skills I - Honors	1.5
MUTH 13400	Aural Skills II or MUTH 13401 Aural Skills II - Honors	1.5
MUTH 23300	Aural Skills III or MUTH 23301 Aural Skills III - Honors	1
MUTH 23400	Aural Skills IV or MUTH 23401 Aural Skills IV - Honors	1

Other Music Requirements

xxxxx	Music electives ¹	3-4
MUMC 16300	Diction for the Non-Vocal Music Major	2
MUMC 10300	Introduction to Music Technology	1
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS**Music History**

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

MUSIC EDUCATION REQUIREMENTS**Intro Sequence**

MUED 10100	Introduction to Music Education: Career Orientation	0.5
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MUED 10200	Music Field Experience I	0.5
MUED 20100	Music Field Experience II	0.5
MUED 20200	Current Topics in Music Education: Career Orientation	0.5

Mandated EDUC Workshops

EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Pedagogy Courses

MUED 26700	Music Education for Children	2
MUED 28000	Contemporary Ensembles in the Public Schools: Vocal-Choral	1
MUED 35600	Laboratory Band	1
MUED 36100	Teaching Vocal - General Music	1
MUED 36800	General and Choral Music in the Secondary School	2

Conducting Sequence

MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2

Secondary Instruments Study Plans

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 27300	Keyboard Musicianship III - Vocal Music Education Majors	1
PFSM 10100	Class Voice	1
PFSM 10200	Class Voice	1
MUED 24600	Classroom Instruments	1
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Student Teaching-Internships-Capstone

MUED 36900	Student Teaching: Vocal	2
MUED 38000	Student Teaching and Rehearsal Lab: Vocal-Choral	2
MUED 46800	Senior Block Student Teaching: Vocal	6
MUED 47000	Senior Music Education Capstone and Portfolio	2

INTEGRATIVE CORE CURRICULUM ²**ICC Theme & Perspective ³**

ICSM 10800	Ithaca Seminar in Writing ⁴ or ICSM 11800 Honors Ithaca Seminar: Writing	4
EDUC 21010	Educational Psychology (SO)	3
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
Competencies		

Complementary Liberal Arts CLA

EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
xxxxx	Modern language (French, German, Italian or Spanish) ⁵	3
MATH xxxxx	Math requirement (except MATH 10000)	3
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁶		9
Capstone Experience		
MUED 47000	Senior Music Education Capstone and Portfolio ⁷	2
Total Credits		126.5

¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.

² The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

³ Students will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.

⁴ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁵ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.

⁶ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁷ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Guitar Track Secondary Instruments

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 10200	Class Voice	1
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Summary

Code	Title	Credits
Music Requirements		60.5
Music Education Requirements		35-35.5
Integrative Core Curriculum Requirements		28-29
Total Credits		123.5

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirements		
PFMJ 1xxxx	Private Instrument I - Music Major (2 credits times 2 semesters)	4
PFMJ 2xxxx	Private Instrument II - Music Major (2 credits times 2 semesters)	4
PFMJ 3xxxx	Private Instrument III - Music Major (2 credits times 2 semesters)	4
PFMJ 4xxxx	Private Instrument IV - Music Major (2 credits times 1 semester; 1 credit during Sr. Student Teaching semester)	3
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credits times 8 semesters)	4
Ensemble		
Instrumental (1 credit times 7 semesters; .5 credit during Sr. Student Teaching semester)		7.5
MUEN 10500 Wind Ensemble or MUEN 10600 Concert Band or MUEN 10700 Wind Symphony or MUEN 11000 Symphony Orchestra		
Choral (.5 credits times 2 semesters)		1
MUEN 10800 Choir or MUEN 10900 Chorus or MUEN 11100 Treble Chorale		
Music Theory		
MUTH 10100	Fundamentals of Music Theory ¹	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I or MUTH 12201 Music Theory I -- Honors	2
MUTH 22100	Music Theory II or MUTH 22101 Music Theory II -- Honors	2
MUTH 22200	Music Theory III or MUTH 22201 Music Theory III -- Honors	2
MUTH 32100	Form and Analysis or MUTH 32101 Form and Analysis -- Honors	2
MUTH 32200	Analysis of Music since 1900 or MUTH 32201 Analysis of Music since 1900 - Honors	2
Aural Skills		
MUTH 13300	Aural Skills I or MUTH 13301 Aural Skills I - Honors	1.5
MUTH 13400	Aural Skills II or MUTH 13401 Aural Skills II - Honors	1.5
MUTH 23300	Aural Skills III or MUTH 23301 Aural Skills III - Honors	1

MUTH 23400	Aural Skills IV	1
or MUTH 23401	Aural Skills IV - Honors	

Other Music Requirements

xxxxx	Music electives ¹	5-6
MUMC 10300	Introduction to Music Technology	1
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS**Music History**

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

MUSIC EDUCATION REQUIREMENTS**Intro Sequence**

MUED 10100	Introduction to Music Education: Career Orientation	0.5
MUED 10200	Music Field Experience I	0.5
MUED 20100	Music Field Experience II	0.5
MUED 20200	Current Topics in Music Education: Career Orientation	0.5

Mandated EDUC Workshops

EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Pedagogy Courses

MUED 26700	Music Education for Children	2
MUED 28100	Contemporary Ensembles in the Public Schools: Instrumental-Band	1
MUED 36200	Teaching Instrumental Music	1
MUED 37500	Wind Instrument Pedagogy	2

Conducting Sequence

MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2

Secondary Instruments Study Plans

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 10100	Class Voice	1
PFSM 1xxxx	Additional Secondary Instruments ²	6
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Student Teaching-Internships-Capstone

MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46900	Senior Block Student Teaching: Instrumental	6
MUED 47000	Senior Music Education Capstone and Portfolio (CP)	2

INTEGRATIVE CORE CURRICULUM ³**ICC Theme & Perspective ⁴**

ICSM 10800	Ithaca Seminar in Writing ⁵	4
or ICSM 11800	Honors Ithaca Seminar: Writing	
EDUC 21010	Educational Psychology (SO)	3
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3

Competencies**Complementary Liberal Arts (CLA)**

EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
xxxxx	Modern language ⁶	3
MATH xxxxx	Math requirement (except MATH 10000)	3

Course Attributes

Select 3 credits of each (DV, WI, QL) ⁷	9
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Capstone Experience

MUED 47000	Senior Music Education Capstone and Portfolio (CP) ⁸	2
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Total Credits	123.5
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¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.

² Saxophone music education Majors add 0.5 class horn.

³ The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

⁴ Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.

⁵ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁶ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.

⁷ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁸ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Wind Track Secondary Instruments

Bassoon

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Clarinet

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Euphonium

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
Select two of the three Brass Courses below:		1
PFSM 13300	Class Trumpet	
PFSM 13500	Class Trombone	
PFSM 13900	Class Tuba	
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Flute

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5

PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Horn

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Oboe

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Saxophone

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Trombone

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1

PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Trumpet

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Tuba

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	0.5
PFSM 13500	Class Trombone	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Summary

Code	Title	Credits
	Music Requirements	60.5
	Music Education Requirements	35
	Integrative Core Curriculum Requirements	28-29
Total Credits		123.5

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
PFMJ 14300	Percussion I - Music Majors (2 credits times 2 semesters)	4
PFMJ 24300	Percussion II - Music Majors (2 credits times 2 semesters)	4

PFMJ 34300	Percussion III - Music Majors (2 credits times 2 semesters)	4
PFMJ 44300	Percussion IV - Music Majors (2 credits times 1 semester; 1 credit during Sr. Student Teaching semester)	3
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credits times 8 semesters)	4

Ensemble

Instrumental (1 credit times 7 semesters; .5 credit during Sr. Student Teaching semesters) 7.5

MUEN 10500 Wind Ensemble
or MUEN 10600 Concert Band
or MUEN 10700 Wind Symphony
or MUEN 11100 Symphony Orchestra

Choral (.5 credit times 2 semesters) 1

MUEN 10800 Choir
or MUEN 10900 Chorus
or MUEN 11200 Treble Chorale

Music Theory

MUTH 10100 Fundamentals of Music Theory ¹ 1

MUTH 12100 Introduction to Musical Styles 2

MUTH 12200 Music Theory I
or MUTH 12201 Music Theory I -- Honors 2

MUTH 22100 Music Theory II
or MUTH 22101 Music Theory II -- Honors 2

MUTH 22200 Music Theory III
or MUTH 22201 Music Theory III -- Honors 2

MUTH 32100 Form and Analysis
or MUTH 32101 Form and Analysis -- Honors 2

MUTH 32200 Analysis of Music since 1900
or MUTH 32201 Analysis of Music since 1900 - Honors 2

Aural Skills

MUTH 13300 Aural Skills I
or MUTH 13301 Aural Skills I - Honors 1.5

MUTH 13400 Aural Skills II
or MUTH 13401 Aural Skills II - Honors 1.5

MUTH 23300 Aural Skills III
or MUTH 23301 Aural Skills III - Honors 1

MUTH 23400 Aural Skills IV
or MUTH 23401 Aural Skills IV - Honors 1

Other Music Requirements

xxxxx Music electives ¹ 5-6

MUMC 10300 Introduction to Music Technology 1

MUMC 10100 Required Recital Attendance (six semesters required) 0

MUSIC LIBERAL ARTS REQUIREMENTS

Music History

MUTH 25500 History and Literature of Music I 3

MUTH 25600 History and Literature of Music II (WI) 3

MUTH 35500 History and Literature of Music III 3

MUSIC EDUCATION REQUIREMENTS

Intro Sequence

MUED 10100	Introduction to Music Education: Career Orientation	0.5
MUED 10200	Music Field Experience I	0.5
MUED 20100	Music Field Experience II	0.5
MUED 20200	Current Topics in Music Education: Career Orientation	0.5

Mandated EDUC Workshops

EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Pedagogy Courses

MUED 26700	Music Education for Children	2
MUED 28100	Contemporary Ensembles in the Public Schools: Instrumental-Band	1
MUED 36200	Teaching Instrumental Music	1
MUED 37500	Wind Instrument Pedagogy	2

Conducting Sequence

MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2

Secondary Instruments Study Plans

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 10100	Class Voice	1
PFSM 24700	String Class	1
PFSM 1xxxx	Additional Secondary Instruments	7

Student Teaching-Internships-Capstones

MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46900	Senior Block Student Teaching: Instrumental	6
MUED 47000	Senior Music Education Capstone and Portfolio	2

INTEGRATIVE CORE CURRICULUM²**ICC Theme & Perspective³**

ICSM 10800	Ithaca Seminar in Writing ⁴	4
	or ICSM 11800 Honors Ithaca Seminar: Writing	
EDUC 21010	Educational Psychology (SO)	3
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3

Competencies**Complementary Liberal Arts CLA**

EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
xxxxx	Modern language ⁵	3

MATH xxxxx	Math requirement (except MATH 10000)	3
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Course Attributes

Select 3 credits of each (DV, WI, QL) ⁶	9
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Capstone Experience

MUED 47000	Senior Music Education Capstone and Portfolio (CP) ⁷	2
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Total Credits	123.5
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¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.

² The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Art under the School of Music Overview (p. 586) tab.

³ Student will use the following four courses to complete all four Perspectives (CA, HM, SC, and SO) within a single Theme.

⁴ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁵ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.

⁶ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁷ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
	Music Requirements	62.5
	Music Education Requirements	34
	Integrative Core Curriculum Requirements	28-29
Total Credits		124.5

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
PFMJ 1xxxx	Private Instrument I - Music Major (2 credits times 2 semesters)	4
PFMJ 2xxxx	Private Instrument II - Music Major (2 credits times 2 semesters)	4
PFMJ 3xxxx	Private Instrument III - Music Major (2 credits times 2 semesters)	4

PFMJ 4xxxx	Private Instrument IV - Music Major (2 credits times 1 semester; 1 credit during Sr Student Teaching semester)	3
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4

Ensemble

Instrumental (1 credits times 7 semesters; .5 credit during Sr Student Teaching semester) 7.5

MUEN 11100	Symphony Orchestra	
Choral (.5 credits times 2 semesters)		1
MUEN 10800	Choir	
or MUEN 10900	Chorus	
or MUEN 11100	Treble Chorale	

Music Theory

MUTH 10100	Fundamentals of Music Theory ¹	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
or MUTH 12201	Music Theory I – Honors	
MUTH 22100	Music Theory II	2
or MUTH 22101	Music Theory II – Honors	
MUTH 22200	Music Theory III	2
or MUTH 22201	Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
or MUTH 32101	Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
or MUTH 32201	Analysis of Music since 1900 - Honors	

Aural Skills

MUTH 13300	Aural Skills I	1.5
or MUTH 13301	Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
or MUTH 13401	Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
or MUTH 23301	Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
or MUTH 23401	Aural Skills IV - Honors	

Other Music Requirements

xxxxx	Music electives ¹	7-8
MUMC 10300	Introduction to Music Technology	1
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS**Music History**

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

MUSIC EDUCATION REQUIREMENTS**Intro Sequence**

MUED 10100	Introduction to Music Education: Career Orientation	0.5
MUED 10200	Music Field Experience I	0.5
MUED 20100	Music Field Experience II	0.5
MUED 20200	Current Topics in Music Education: Career Orientation	0.5

Mandated EDUC Workshops

EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Pedagogy Courses

MUED 26700	Music Education for Children	2
MUED 28200	Contemporary Ensembles in the Public Schools: Instrumental-Orchestra	1
MUED 34700	String Pedagogy	2
MUED 36200	Teaching Instrumental Music	1

Conducting Sequence

MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2

Secondary Instruments Study Plans

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 10100	Class Voice	1
PFSM 1xxxx	Additional Secondary Instruments	4
PFSM 14100	Percussion Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Student Teaching-Internships-Capstone

MUED 37100	Student Teaching: Instrumental	2
MUED 38200	Student Teaching and Rehearsal Lab: Instrumental-Orchestra	2
MUED 46900	Senior Block Student Teaching: Instrumental	6
MUED 47000	Senior Music Education Capstone and Portfolio	2

INTEGRATIVE CORE CURRICULUM ²**ICC Theme & Perspective ³**

ICSM 10800	Ithaca Seminar in Writing ⁴	4
or ICSM 11800	Honors Ithaca Seminar: Writing	
EDUC 21010	Educational Psychology (SO)	3
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3

Competencies**Complementary Liberal Arts CLA**

EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
xxxxx	Modern language ⁵	3
MATH xxxxxx	Math requirement (except MATH 10000)	3

Course Attributes

Select 3 credits of each (DV, WI, QL) ⁶ 9

Capstone Experience

MUED 47000	Senior Music Education Capstone and Portfolio (CP) ⁷	2
Total Credits		124.5

- ¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.
- ² The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ³ Student will use the following four courses to complete all four Perspectives (CA, HM, SC, and SO) within a single Theme.
- ⁴ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁵ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.
- ⁶ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁷ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

String Track Secondary Instruments

Cello

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 10900	Class Violin I	1
PFSM 11000	Class Violin II	1
PFSM 11200	Class Viola	1
PFSM 11500	Class Double Bass	1
PFSM 14100	Percussion Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Double Bass

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 10900	Class Violin I	1
PFSM 11000	Class Violin II	1
PFSM 11200	Class Viola	1
PFSM 11300	Class Cello I	1
PFSM 14100	Percussion Class	1

PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Viola

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 10900	Class Violin I	1
PFSM 11300	Class Cello I	1
PFSM 11400	Class Cello II	1
PFSM 11500	Class Double Bass	1
PFSM 14100	Percussion Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Violin

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 11200	Class Viola	1
PFSM 11300	Class Cello I	1
PFSM 11400	Class Cello II	1
PFSM 11500	Class Double Bass	1
PFSM 14100	Percussion Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Performance and Music Education Major — B.M.

Summary

Code	Title	Credits
Music Requirements		84
Music Education Requirements		34
Integrative Core Curriculum Requirements		31-32
Total Credits		149

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 10100	Voice I - Music Major (4 credits times 2 semesters)	8
PFMJ 20100	Voice II - Music Majors (4 credits times 2 semesters)	8
PFMJ 30100	Voice III - Music Majors (4 credits times 2 semesters)	8
PFMJ 40100	Voice IV - Music Majors (4 credits times 2 semesters)	8
PFMJ 45100	Voice V - Music Majors (2 credits during Sr. Student Teaching semester)	2
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 9 semesters)	4.5
PFMJ 10302	Piano I - Secondary Instrument	1
Ensemble		

Choral (1 credit times 8 semesters; .5 credit during Sr. Student Teaching semester) 8.5

MUEN 10800 Choir
or MUEN 10900 Chorus
or MUEN 11000 Treble Chorale

Recitals

MUMC 37300 Required Junior Recital 1
MUMC 47301 Senior Voice Recital 2

Music Theory

MUTH 10100 Fundamentals of Music Theory ² 1
MUTH 12100 Introduction to Musical Styles 2
MUTH 12200 Music Theory I 2
or MUTH 12201 Music Theory I – Honors
MUTH 22100 Music Theory II 2
or MUTH 22101 Music Theory II – Honors
MUTH 22200 Music Theory III 2
or MUTH 22201 Music Theory III – Honors
MUTH 32100 Form and Analysis 2
or MUTH 32101 Form and Analysis – Honors
MUTH 32200 Analysis of Music since 1900 2
or MUTH 32201 Analysis of Music since 1900 - Honors

Aural Skills

MUTH 13300 Aural Skills I 1.5
or MUTH 13301 Aural Skills I - Honors
MUTH 13400 Aural Skills II 1.5
or MUTH 13401 Aural Skills II - Honors
MUTH 23300 Aural Skills III 1
or MUTH 23301 Aural Skills III - Honors
MUTH 23400 Aural Skills IV 1
or MUTH 23401 Aural Skills IV - Honors

Other Music Requirements

xxxxx Music electives ^{1,2} 1-6
MUMC 16100 Diction I 2
MUMC 16200 Diction II 2
MUMC 10300 Introduction to Music Technology 1
MUMC 10100 Required Recital Attendance (six semesters required) 0

MUSIC LIBERAL ARTS REQUIREMENTS

Music History

MUTH 25500 History and Literature of Music I 3
MUTH 25600 History and Literature of Music II (WI) 3
MUTH 35500 History and Literature of Music III 3

MUSIC EDUCATION REQUIREMENTS

Intro Sequence

MUED 10100 Introduction to Music Education: Career Orientation 0.5
MUED 10200 Music Field Experience I 0.5
MUED 20100 Music Field Experience II 0.5
MUED 20200 Current Topics in Music Education: Career Orientation 0.5

Mandated EDUC Workshops

EDUC 19210 Child Abuse Identification and Prevention 0

EDUC 19220 Drug and Alcohol Abuse: Identification and Prevention 0
EDUC 19230 School Violence Prevention 0
EDUC 19240 Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention 0

Pedagogy Courses

MUED 26700 Music Education for Children 2
MUED 28000 Contemporary Ensembles in the Public Schools: Vocal-Choral 1
MUED 35600 Laboratory Band 1
MUED 36100 Teaching Vocal - General Music 1
MUED 36800 General and Choral Music in the Secondary School 2

Conducting Sequence

MUED 30100 Choral Conducting 2
MUED 30200 Choral Conducting 2

Secondary Instruments Study Plans

PFSM 17100 Keyboard Musicianship I 1
PFSM 17200 Keyboard Musicianship II 1
PFSM 27300 Keyboard Musicianship III - Vocal Music Education Majors 1
PFSM 27400 Keyboard Musicianship IV - Vocal Music Education Majors 1

PFSM 14100 Percussion Class 1
MUED 24600 Classroom Instruments 1
PFSM 24700 String Class 1
PFSM 34900 Woodwind Class 1
PFSM 35100 Brass Class 1

Student Teaching-Internships-Capstones

MUED 36900 Student Teaching: Vocal 2
MUED 38000 Student Teaching and Rehearsal Lab: Vocal-Choral 2
MUED 46800 Senior Block Student Teaching: Vocal 6
MUED 47000 Senior Music Education Capstone and Portfolio 2

INTEGRATIVE CORE CURRICULUM ³

ICC Theme & Perspective ⁴

ICSM 10800 Ithaca Seminar in Writing ⁵ 4
or ICSM 11800 Honors Ithaca Seminar: Writing
EDUC 21010 Educational Psychology (SO) 3
xxxxx Creative Arts (CA) 3
xxxxx Humanities (HM) 3
xxxxx Natural Science (SC) 3

Competencies

Complementary Liberal Arts CLA

EDUC 23900 Educating Students with Special Needs in Diverse Classrooms 3
EDUC 34000 Social and Cultural Foundations of Education (DV) 3
xxxxx Modern language (French, German, Italian or Spanish) ⁶ 6
MATH xxxxx Math requirement (except MATH 10000) 3

Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁷		9
Capstone Experience		
MUED 47000	Senior Music Education Capstone and Portfolio (CP) ⁸	2
Total Credits		149

- Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.*
- Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History and Composition. Students who score below 84 percent on the exam must take the course and they take the lower number of music electives.*
- The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.*
- Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.*
- ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)*
- For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.*
- The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.*
- MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.*

Summary

Code	Title	Credits
Music Requirements		86
Music Education Requirements		34
Integrative Core Curriculum Requirements		28-29
Total Credits		148

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 10300	Piano I - Music Majors (4 credits times 2 semesters)	8
PFMJ 20300	Piano II - Music Majors (4 credits times 2 semesters)	8

PFMJ 30300	Piano III - Music Majors (4 credits times 2 semesters)	8
PFMJ 40300	Piano IV - Music Majors (4 credits times 2 semesters)	8
PFMJ 45300	Piano V - Music Majors (2 credits during Sr. Student Teaching semester)	2
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 9 semesters)	4.5
PFMJ 10102	Voice I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20102	Voice II - Secondary Instrument (1 credit times 2 semesters)	2

Recitals

MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital	2

Ensembles

Choral (1 credit times 3 semesters; .5 credit during Sr. Student Teaching semester)		3.5
MUEN 10800	Choir or MUEN 10900Chorus or MUEN 11000Treble Chorale	
MUEN 11700	The Pianist as Collaborator	1
MUEN 11800	The Pianist as Collaborator	1
MUEN 21700	Piano-Vocal Collaboration	1
MUEN 21800	Piano-Instrumental Collaboration	1
MUEN 30300	Piano Ensemble	1
MUEN 1xxxx	Elective major ensemble	1
MUEN 32100	Chamber Music (.5 credit time 2 semesters)	1

Music Theory

MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I or MUTH 12201Music Theory I – Honors	2
MUTH 22100	Music Theory II or MUTH 22101Music Theory II – Honors	2
MUTH 22200	Music Theory III or MUTH 22201Music Theory III – Honors	2
MUTH 32100	Form and Analysis or MUTH 32101Form and Analysis – Honors	2
MUTH 32200	Analysis of Music since 1900 or MUTH 32201Analysis of Music since 1900 - Honors	2

Aural Skills

MUTH 13300	Aural Skills I or MUTH 13301Aural Skills I - Honors	1.5
MUTH 13400	Aural Skills II or MUTH 13401Aural Skills II - Honors	1.5
MUTH 23300	Aural Skills III or MUTH 23301Aural Skills III - Honors	1
MUTH 23400	Aural Skills IV or MUTH 23401Aural Skills IV - Honors	1

Other Music Requirements

MUMC 16300	Diction for the Non-Vocal Music Major	2
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MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ^{1,2}	0-5
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS

Music History

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

MUSIC EDUCATION REQUIREMENTS

Intro Sequence

MUED 10100	Introduction to Music Education: Career Orientation	0.5
MUED 10200	Music Field Experience I	0.5
MUED 20100	Music Field Experience II	0.5
MUED 20200	Current Topics in Music Education: Career Orientation	0.5

Mandated EDUC Workshops

EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Pedagogy Courses

MUED 26700	Music Education for Children	2
MUED 28000	Contemporary Ensembles in the Public Schools: Vocal-Choral	1
MUED 35600	Laboratory Band	1
MUED 36100	Teaching Vocal - General Music	1
MUED 36800	General and Choral Music in the Secondary School	2

Conducting Sequence

MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2

Secondary Instruments Study Plans

PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
PFSM 10100	Class Voice	1
PFSM 10200	Class Voice	1
PFSM 14100	Percussion Class	1
MUED 24600	Classroom Instruments	1
PFSM 24700	String Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Student Teaching-Internships-Capstones

MUED 36900	Student Teaching: Vocal	2
MUED 38000	Student Teaching and Rehearsal Lab: Vocal-Choral	2
MUED 46800	Senior Block Student Teaching: Vocal	6

MUED 47000	Senior Music Education Capstone and Portfolio	2
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INTEGRATIVE CORE CURRICULUM ³

ICC Theme & Perspective ⁴

ICSM 10800	Ithaca Seminar in Writing ⁵ or ICSM 11800 Honors Ithaca Seminar: Writing	4
EDUC 21010	Educational Psychology (SO)	3
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3

Competencies

Complementary Liberal Arts CLA

EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
xxxxx	Modern language (French, German, Italian or Spanish) ⁶	3
MATH xxxxx	Math requirement (except MATH 10000)	3

Course Attributes

Select 3 credits of each (DV, WI, QL) ⁷	9
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Capstone Experience

MUED 47000	Senior Music Education Capstone and Portfolio (CP) ⁸	2
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Total Credits **148**

- ¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.
- ² Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.
- ³ The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ⁴ Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.
- ⁵ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁶ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.

⁷ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁸ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
Music Requirements		85
Music Education Requirements		35
Integrative Core Curriculum Requirements		28-29
Total Credits		148

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 11700	Classical Guitar I - Majors (4 credits times 2 semesters)	8
PFMJ 21700	Classical Guitar II - Music Majors (4 credits times 2 semesters)	8
PFMJ 31700	Classical Guitar III - Music Majors (4 credits times 2 semesters)	8
PFMJ 41700	Classical Guitar IV - Music Majors (4 credits times 2 semesters)	8
PFMJ 46700	Classical Guitar V - Music Majors (2 credits during Sr. Student Teaching semester)	2
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 9 semesters)	4.5
PFMJ 10102	Voice I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20102	Voice II - Secondary Instrument (1 credit times 2 semesters)	2
Recitals		
MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital	2
Ensembles		
Choral (1 credit times 4 semesters)		4
MUEN 10800	Choir	
or MUEN 10900	Chorus	
or MUEN 11100	Treble Chorale	
MUEN 11500	Guitar Ensemble (1 credit times 4 semesters; .5 credit during Sr. Student Teaching semester))	4.5
Music Theory		
MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
or MUTH 12201	Music Theory I -- Honors	
MUTH 22100	Music Theory II	2
or MUTH 22101	Music Theory II -- Honors	
MUTH 22200	Music Theory III	2

or MUTH 22201 Music Theory III -- Honors

MUTH 32100	Form and Analysis	2
or MUTH 32101	Form and Analysis -- Honors	
MUTH 32200	Analysis of Music since 1900	2
or MUTH 32201	Analysis of Music since 1900 - Honors	

Aural Skills		
MUTH 13300	Aural Skills I	1.5
or MUTH 13301	Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
or MUTH 13401	Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
or MUTH 23301	Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
or MUTH 23401	Aural Skills IV - Honors	

Other Music Requirements		
MUMC 16300	Diction for the Non-Vocal Music Major	2
MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ^{1,2}	1-6
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

MUSIC EDUCATION REQUIREMENTS		
Intro Sequence		
MUED 10100	Introduction to Music Education: Career Orientation	0.5
MUED 10200	Music Field Experience I	0.5
MUED 20100	Music Field Experience II	0.5
MUED 20200	Current Topics in Music Education: Career Orientation	0.5

Mandated EDUC Workshops		
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Pedagogy Courses		
MUED 26700	Music Education for Children	2
MUED 28000	Contemporary Ensembles in the Public Schools: Vocal-Choral	1
MUED 35600	Laboratory Band	1
MUED 36100	Teaching Vocal - General Music	1
MUED 36800	General and Choral Music in the Secondary School	2

Conducting Sequence		
MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2

Secondary Instruments Study Plans

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 27300	Keyboard Musicianship III - Vocal Music Education Majors	1
PFSM 10100	Class Voice	1
PFSM 10200	Class Voice	1
PFSM 14100	Percussion Class	1
MUED 24600	Classroom Instruments	1
PFSM 24700	String Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1
Student Teaching-Internships-Capstones		
MUED 36900	Student Teaching: Vocal	2
MUED 38000	Student Teaching and Rehearsal Lab: Vocal-Choral	2
MUED 46800	Senior Block Student Teaching: Vocal	6
MUED 47000	Senior Music Education Capstone and Portfolio	2
INTEGRATIVE CORE CURRICULUM ³		
ICC Theme & Perspective ⁴		
ICSM 10800	Ithaca Seminar in Writing ⁵	4
	or ICSM 11800 Honors Ithaca Seminar: Writing	
EDUC 21010	Educational Psychology (SO)	3
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
Competencies		
Complementary Liberal Arts CLA		
EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
xxxxx	Modern Language (French, German, Italian or Spanish) ⁶	3
MATH xxxxx	Math requirement (except MATH 10000)	3
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁷		9
Capstone Experience		
MUED 47000	Senior Music Education Capstone and Portfolio (CP) ⁸	2
Total Credits		148

¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.

² Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.

³ The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

⁴ Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.

⁵ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁶ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.

⁷ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁸ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
Music Requirements		83
Music Education Requirements		35-35.5
Integrative Core Curriculum Requirements		28-29
Total Credits		146

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 1xxxx	Private Instrument I - Music Major (4 credits times 2 semesters)	8
PFMJ 2xxxx	Private Instrument II - Music Major (4 credits times 2 semesters)	8
PFMJ 3xxxx	Private Instrument III - Music Major (4 credits times 2 semesters)	8
PFMJ 4xxxx	Private Instrument IV - Music Major (4 credits times 2 semesters)	8
PFMJ 4xxxx	Private Instrument V - Music Major (2 credits during Sr. Student Teaching semester)	2
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 9 semesters)	4.5
Recitals		
MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital	2
Ensembles		
Instrumental (1 credit times 8 semesters; .5 credit during Sr. Student Teaching semester)		8.5
MUEN 10500	Wind Ensemble	

or MUEN 106 Concert Band		
or MUEN 107 Wind Symphony		
or MUEN 111 Symphony Orchestra		
Choral (.5 credit times 2 semesters)	1	
MUEN 10800 Choir		
or MUEN 109 Chorus		
or MUEN 111 Treble Chorale		
MUEN 32100 Chamber Music (.5 credit times 4 semesters) ²	2	
or MUEN 12300 Brass Choir		
Music Theory		
MUTH 10100 Fundamentals of Music Theory ³	1	
MUTH 12100 Introduction to Musical Styles	2	
MUTH 12200 Music Theory I	2	
or MUTH 12201 Music Theory I – Honors		
MUTH 22100 Music Theory II	2	
or MUTH 22101 Music Theory II – Honors		
MUTH 22200 Music Theory III	2	
or MUTH 22201 Music Theory III – Honors		
MUTH 32100 Form and Analysis	2	
or MUTH 32101 Form and Analysis – Honors		
MUTH 32200 Analysis of Music since 1900	2	
or MUTH 32201 Analysis of Music since 1900 - Honors		
Aural Skills		
MUTH 13300 Aural Skills I	1.5	
or MUTH 13301 Aural Skills I - Honors		
MUTH 13400 Aural Skills II	1.5	
or MUTH 13401 Aural Skills II - Honors		
MUTH 23300 Aural Skills III	1	
or MUTH 23301 Aural Skills III - Honors		
MUTH 23400 Aural Skills IV	1	
or MUTH 23401 Aural Skills IV - Honors		
Other Music Requirements		
MUMC 10300 Introduction to Music Technology	1	
xxxxx Music electives ^{1,3}	2-7	
MUMC 10100 Required Recital Attendance (six semesters required)	0	
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500 History and Literature of Music I	3	
MUTH 25600 History and Literature of Music II (WI)	3	
MUTH 35500 History and Literature of Music III	3	
MUSIC EDUCATION REQUIREMENTS		
Intro Sequence		
MUED 10100 Introduction to Music Education: Career Orientation	0.5	
MUED 10200 Music Field Experience I	0.5	
MUED 20100 Music Field Experience II	0.5	
MUED 20200 Current Topics in Music Education: Career Orientation	0.5	
Mandated EDUC Workshops		
EDUC 19210 Child Abuse Identification and Prevention	0	

EDUC 19220 Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230 School Violence Prevention	0
EDUC 19240 Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Pedagogy Courses

MUED 26700 Music Education for Children	2
MUED 28100 Contemporary Ensembles in the Public Schools: Instrumental-Band	1
MUED 36200 Teaching Instrumental Music	1
MUED 37500 Wind Instrument Pedagogy	2

Conducting Sequence

MUED 30300 Instrumental Conducting	2
MUED 30400 Instrumental Conducting	2

Secondary Instruments Study Plans

PFSM 17100 Keyboard Musicianship I	1
PFSM 17200 Keyboard Musicianship II	1
PFSM 10100 Class Voice	1
PFSM 1xxxx Additional Secondary Instruments (see instrument list below) ⁴	6(6.5)
PFSM 14100 Percussion Class	1
PFSM 24700 String Class	1

Student Teaching-Internships-Capstone

MUED 37100 Student Teaching: Instrumental	2
MUED 38100 Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46900 Senior Block Student Teaching: Instrumental	6
MUED 47000 Senior Music Education Capstone and Portfolio (CP) ⁵	2

INTEGRATIVE CORE CURRICULUM⁵**ICC Theme & Perspective⁶**

ICSM 10800 Ithaca Seminar in Writing ⁷	4
or ICSM 11800 Honors Ithaca Seminar: Writing	
EDUC 21010 Educational Psychology (SO)	3
xxxxx Creative Arts (CA)	3
xxxxx Humanities (HM)	3
xxxxx Natural Science (SC)	3

Competencies**Complementary Liberal Arts CLA**

EDUC 23900 Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000 Social and Cultural Foundations of Education (DV)	3
xxxxx Modern language ⁸	3
MATH xxxxx Math requirement (except MATH 10000)	3

Course Attributes

Select 3 credits of each (DV, WI, QL) ⁹	9
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Capstone Experience

MUED 47000 Senior Music Education Capstone and Portfolio (CP)¹⁰ 2

Total Credits 146

- ¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.
- ² Brass students may substitute two semesters of Brass Choir (at .5 credit each semester) for 1 credit of Chamber Music.
- ³ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam. Students who score below 84 percent must take the course, and they take the lower number of music electives.
- ⁴ Saxophone majors add .5 class horn.
- ⁵ The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ⁶ Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.
- ⁷ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).
- ⁸ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.
- ⁹ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ¹⁰ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Secondary Instruments

Bassoon

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Clarinet

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Euphonium

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
Select two of the three Brass Courses below:		
PFSM 13300	Class Trumpet	
PFSM 13500	Class Trombone	
PFSM 13900	Class Tuba	
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Flute

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Horn

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13300	Class Trumpet	0.5

PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Oboe

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Saxophone

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Trombone

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Trumpet

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1

PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Tuba

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	0.5
PFSM 13500	Class Trombone	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Summary

Code	Title	Credits
	Music Requirements	83
	Music Education Requirements	35
	Integrative Core Curriculum Requirements	28-29
Total Credits		146

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 14300	Percussion I - Music Majors (4 credits times 2 semesters)	8
PFMJ 24300	Percussion II - Music Majors (4 credits times 2 semesters)	8
PFMJ 34300	Percussion III - Music Majors (4 credits times 2 semesters)	8
PFMJ 44300	Percussion IV - Music Majors (4 credits times 2 semesters)	8
PFMJ 49300	Percussion V - Music Majors (2 credits during Sr. Student Teaching semester)	2
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 9 semesters)	4.5
Recitals		
MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital	2
Ensembles		
Instrumental (1 credit times 8 semesters; .5 credit during Sr. Student Teaching semester)		8.5
MUEN 10500	Wind Ensemble	
or MUEN 10600	Concert Band	

or MUEN 10:Wind Symphony		
or MUEN 11:Symphony Orchestra		
Choral (.5 credit times 2 semesters)	1	
MUEN 10800 Choir		
or MUEN 10:Chorus		
or MUEN 11:Treble Chorale		
MUEN 12700 Percussion Ensemble (.5 credit times 4 semesters)	2	
Music Theory		
MUTH 10100 Fundamentals of Music Theory ²	1	
MUTH 12100 Introduction to Musical Styles	2	
MUTH 12200 Music Theory I	2	
or MUTH 12201Music Theory I – Honors		
MUTH 22100 Music Theory II	2	
or MUTH 22101Music Theory II – Honors		
MUTH 22200 Music Theory III	2	
or MUTH 22201Music Theory III – Honors		
MUTH 32100 Form and Analysis	2	
or MUTH 32101Form and Analysis – Honors		
MUTH 32200 Analysis of Music since 1900	2	
or MUTH 32201Analysis of Music since 1900 - Honors		
Aural Skills		
MUTH 13300 Aural Skills I	1.5	
or MUTH 13301Aural Skills I - Honors		
MUTH 13400 Aural Skills II	1.5	
or MUTH 13401Aural Skills II - Honors		
MUTH 23300 Aural Skills III	1	
or MUTH 23301Aural Skills III - Honors		
MUTH 23400 Aural Skills IV	1	
or MUTH 23401Aural Skills IV - Honors		
Other Music Requirements		
xxxxx Music electives ^{1,2}	2-7	
MUMC 10300 Introduction to Music Technology	1	
MUMC 10100 Required Recital Attendance (six semesters required)	0	
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500 History and Literature of Music I	3	
MUTH 25600 History and Literature of Music II (WI)	3	
MUTH 35500 History and Literature of Music III	3	
MUSIC EDUCATION REQUIREMENTS		
Intro Sequence		
MUED 10100 Introduction to Music Education: Career Orientation	0.5	
MUED 10200 Music Field Experience I	0.5	
MUED 20100 Music Field Experience II	0.5	
MUED 20200 Current Topics in Music Education: Career Orientation	0.5	
Mandated EDUC Workshops		
EDUC 19210 Child Abuse Identification and Prevention	0	
EDUC 19220 Drug and Alcohol Abuse: Identification and Prevention	0	

EDUC 19230 School Violence Prevention	0
EDUC 19240 Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Pedagogy Courses

MUED 26700 Music Education for Children	2
MUED 28100 Contemporary Ensembles in the Public Schools: Instrumental-Band	1
MUED 36200 Teaching Instrumental Music	1
MUED 37500 Wind Instrument Pedagogy	2

Conducting Sequence

MUED 30300 Instrumental Conducting	2
MUED 30400 Instrumental Conducting	2

Secondary Instruments Study Plans

PFSM 17100 Keyboard Musicianship I	1
PFSM 17200 Keyboard Musicianship II	1
PFSM 10100 Class Voice	1
PFSM 24700 String Class	1
PFSM xxxxx Additional Secondary Instruments (see instrument list below)	7

Student Teaching-Internships-Capstones

MUED 37100 Student Teaching: Instrumental	2
MUED 38100 Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46900 Senior Block Student Teaching: Instrumental	6
MUED 47000 Senior Music Education Capstone and Portfolio	2

INTEGRATIVE CORE CURRICULUM ³**ICC Theme & Perspective ⁴**

ICSM 10800 Ithaca Seminar in Writing ⁵	4
or ICSM 11800 Honors Ithaca Seminar: Writing	
EDUC 21010 Educational Psychology (SO)	3
xxxxx Creative Arts (CA)	3
xxxxx Humanities (HM)	3
xxxxx Natural Science (SC)	3

Competencies**Complementary Liberal Arts CLA**

EDUC 23900 Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000 Social and Cultural Foundations of Education (DV)	3
xxxxx Modern language ⁶	3
MATH xxxxx Math requirement (except MATH 10000)	3

Course Attributes

Select 3 credits of each (DV, WI, QL) ⁷	9
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Capstone Experience

MUED 47000 Senior Music Education Capstone and Portfolio (CP) ⁸	2
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Total Credits	146
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- 1
- Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.
- 2
- Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History and Composition. Students who score below 84 percent must take the course, and they take the lower number of music electives.
- 3
- The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- 4
- Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.
- 5
- ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College’s AP policy, see Advanced Placement Policy (p. 699).)
- 6
- For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.
- 7
- The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- 8
- MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student’s School of Music degree requirements.

Secondary Instruments

Percussion

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 24700	String Class	1

Summary

Code	Title	Credits
	Music Requirements	84
	Music Education Requirements	34

Integrative Core Curriculum	28-29
Total Credits	146

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 1xxxx	Private Instrument I - Music Major (4 credits times 2 semesters)	8
PFMJ 2xxxx	Private Instrument II - Music Major (4 credits times 2 semesters)	8
PFMJ 3xxxx	Private Instrument III - Music Major (4 credits times 2 semesters)	8
PFMJ 4xxxx	Private Instrument IV - Music Major (4 credits times 2 semesters)	8
PFMJ 4xxxx	Private Instrument V - Music Major (2 credits during Sr. Students Teaching semester)	2
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 9 semesters)	4.5
Recitals		
MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital	2
Ensemble		
Instrumental (1 credit time 8 semesters; .5 credit during Sr. Student Teaching semester)		8.5
MUEN 10500 Wind Ensemble or MUEN 10600 Concert Band or MUEN 10700 Wind Symphony or MUEN 11100 Symphony Orchestra		
Choral (.5 credit times 2 semesters)		1
MUEN 10800 Choir or MUEN 10900 Chorus or MUEN 11000 Treble Chorale		
MUEN 32100	Chamber Music (.5 credit times 4 semesters)	2
Music Theory		
MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I or MUTH 12201 Music Theory I – Honors	2
MUTH 22100	Music Theory II or MUTH 22101 Music Theory II – Honors	2
MUTH 22200	Music Theory III or MUTH 22201 Music Theory III – Honors	2
MUTH 32100	Form and Analysis or MUTH 32101 Form and Analysis – Honors	2
MUTH 32200	Analysis of Music since 1900 or MUTH 32201 Analysis of Music since 1900 - Honors	2
Aural Skills		
MUTH 13300	Aural Skills I or MUTH 13301 Aural Skills I - Honors	1.5
MUTH 13400	Aural Skills II	1.5

or MUTH 13401	Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
or MUTH 23301	Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
or MUTH 23401	Aural Skills IV - Honors	

Other Music Requirements

xxxxx	Music electives ^{1,2}	3-8
MUMC 10300	Introduction to Music Technology	1
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS**Music History**

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

MUSIC EDUCATION REQUIREMENTS**Intro Sequence**

MUED 10100	Introduction to Music Education: Career Orientation	0.5
MUED 10200	Music Field Experience I	0.5
MUED 20100	Music Field Experience II	0.5
MUED 20200	Current Topics in Music Education: Career Orientation	0.5

Mandated EDUC Workshops

EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Pedagogy Courses

MUED 26700	Music Education for Children	2
MUED 28200	Contemporary Ensembles in the Public Schools: Instrumental-Orchestra	1
MUED 34700	String Pedagogy	2
MUED 36200	Teaching Instrumental Music	1

Conducting Sequence

MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2

Secondary Instruments

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 10100	Class Voice	1
PFSM 1xxxx	Additional Secondary Instruments (see instrument list below)	4
PFSM 14100	Percussion Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Student Teaching-Internships-Capstone

MUED 37100	Student Teaching: Instrumental	2
MUED 38200	Student Teaching and Rehearsal Lab: Instrumental-Orchestra	2

MUED 46900	Senior Block Student Teaching: Instrumental	6
MUED 47000	Senior Music Education Capstone and Portfolio (CP)	2

INTEGRATIVE CORE CURRICULUM ³**ICC Theme & Perspective ⁴**

ICSM 10800	Ithaca Seminar in Writing ⁵	4
or ICSM 11800	Honors Ithaca Seminar: Writing	
EDUC 21010	Educational Psychology (SO)	3
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3

Competencies**Complementary Liberal Arts CLA**

EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
xxxxx	Modern language ⁶	3
MATH xxxxx	Math requirement (except MATH 10000)	3

Course Attributes

Select 3 credits of each (DV, WI, QL) ⁷	9
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Capstone Experience

MUED 47000	Senior Music Education Capstone and Portfolio (CP) ⁸	2
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Total Credits 146

- ¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.
- ² Students may fulfill this requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History and Composition. Students who score below 84 percent must take the course, and they take the lower number of music electives.
- ³ The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ⁴ Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.
- ⁵ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁶ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.

⁷ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁸ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Secondary Instruments

Cello

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 10900	Class Violin I	1
PFSM 11000	Class Violin II	1
PFSM 11200	Class Viola	1
PFSM 11500	Class Double Bass	1
PFSM 14100	Percussion Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Double Bass

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 10900	Class Violin I	1
PFSM 11000	Class Violin II	1
PFSM 11200	Class Viola	1
PFSM 11300	Class Cello I	1
PFSM 14100	Percussion Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Viola

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 10900	Class Violin I	1
PFSM 11300	Class Cello I	1
PFSM 11400	Class Cello II	1
PFSM 11500	Class Double Bass	1
PFSM 14100	Percussion Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Violin

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 11200	Class Viola	1
PFSM 11300	Class Cello I	1
PFSM 11400	Class Cello II	1
PFSM 11500	Class Double Bass	1
PFSM 14100	Percussion Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Music Performance

Deborah Martin, Professor

The Performance Studies department offers degrees in Performance Studies, Jazz Studies, and Sound Recording Technology. Students in Performance Studies and Jazz Studies delve deeply into the art and practice of music through performance experiences such as recitals, ensembles, and chamber music. Students are encouraged to explore a wide range of avenues and venues in which they can share their calling of music with the world around them. Sound Recording Technology majors develop as strong musicians through a 4-year study of their instrument, complementing their rigorous curriculum as sound recording technicians.

Performance Studies faculty are predominantly full-time resident faculty who model a wide variety of careers that successfully combine performance, collaboration, teaching, and leadership within the profession.

Majors

- Performance Major — B.M. (p. 660) - This degree program provides intensive study on a student's primary instrument through lessons, expansive ensemble experiences, additional supporting coursework, and two required recitals (in the student's junior and senior years). Students must audition before a faculty member(s), and must exhibit the potential to fulfill, with distinction, the recital obligations of the program. Current students interested in adding the Performance degree should arrange their audition through Music Admissions.
- Performance and Music Education Major — B.M. (p. 648) - (Nine semester program of study) — This single degree program combines intensive study on a student's primary instrument, including two required recitals, with a rigorous sequence of music education classes, including student teaching experiences in both the junior and the senior years. The degree allows the prospective music teacher an opportunity to achieve vocal and instrumental certification for kindergarten through the 12th grade (K-12). Students must interview with a faculty member of the Department of Music Education, and audition before a faculty member(s) and exhibit the potential to fulfill, with distinction, the recital obligations of the program. Current Music Education degree students interested in adding the Performance degree should arrange their audition through Music Admissions.
- Sound Recording Technology Major — B.M. (p. 667) - This degree program combines foundational study of music with a specially designed, four-year sequence of coursework in audio production and music recording. In addition to passing a standard music audition, applicants for this program must have a personal interview with the faculty who teach in the sound recording technology program, and submit a letter of recommendation that supports the applicant's technical aptitude. Ideally, applicants should have completed advanced mathematics (e.g., trigonometry, calculus) and a physics course.
- Jazz Studies Major — B.M. (p. 669) - This program combines a focused curriculum in jazz, including jazz theory, history, and performance (jazz lessons, ensemble, and combos), with classical technique and core musicianship. During the audition, applicants for this program must demonstrate proficiency in jazz and classical technique, satisfying listed audition requirements in both areas.
- Performance, Collaborative Emphasis — B.M. (p. 665) — This degree program supplements the piano performance program of study (including semiannual juries, proficiency examinations, and two solo recitals) with intensive study of foreign languages, diction,

chamber music, duo sonata and art song literature, and opera. Lessons and coursework focus careful attention on the technical and musical skills of the young solo pianist, while providing a solid foundation for further study as a collaborative pianist.

Concentrations

- Jazz Studies Concentration (p. 673)

Jazz Studies

JAZZ 16100 Survey of Jazz History (LA)

A one-semester course for non-music majors and music majors. The study of jazz history from 1890 to the present, with much required listening and reading outside class. Origins, blues, New Orleans Dixieland, Chicago Dixieland, ragtime, boogie woogie, swing, bebop, cool, funky, and eclectic era (i.e., free jazz, third stream, contemporary, big bands, jazz-rock fusion, advancements in improvisation, and electronics). This course is required for jazz studies majors and may be used as a music elective for other bachelor of music degrees. (F)

Attributes: 3B, ADCH, ADSE, FA, H

2 Credits

JAZZ 16500 Basic Music Calligraphy (NLA)

Use of the copying pen; laying out the work for easy page turns and readability; copying parts from both concert and transposed scores; writing piano parts; correcting arranger's or composer's mistakes; special problems with rhythm-section instruments; proper writing in all clefs; proper use of notation; lettering; titles; fixing mistakes; flags; rests; dots; note heads and stems; beams; ledger lines; time and key signatures; accidentals; dynamics, slurs, ties, and other articulations; shorthand and shortcuts; tremolos; instrument cues; multi-copying lyrics; many copying projects throughout the semester, including copying all the parts for a complete large jazz band orchestration. (F,IRR)

1 Credit

JAZZ 16600 Jazz Piano I (NLA)

Classroom instruction in functional jazz keyboard; open voicings of 7th, 9th, and 13th chords beginning with ii-V-I progressions in major and minor keys; rootless close voicings; basic comping techniques and patterns; melodic improvisation; interpreting a lead sheet; the blues; jazz styles; solo piano. The course focuses on interpretation and performance of standard pieces from the jazz repertoire through individual keyboard application in a class setting. Prerequisite: PFSM 17200 and MUTH 12200/12201. (F-S)

1 Credit

JAZZ 16700 Jazz Piano II (NLA)

A continuation of JAZZ 16600 to prepare the student for a variety of performance situations and voicings; comping styles; walking bass; technique for soloing and chord substitutions; solo piano styles; contemporary jazz styles. As in Jazz Piano I, the course focuses on interpretation and performance of standard jazz pieces through individual keyboard application in a class setting. Prerequisites: JAZZ 16600. (S)

1 Credit

JAZZ 17000 Jazz Private Study I, major instrument (NLA)

Private study in jazz for Jazz Studies majors only. Students take 2 semesters of JAZZ 17000 for each semester. Corequisite: JAZZ 19900. (F-S)

2 Credits

JAZZ 17001 Jazz Private Study I, minor instrument or concentration (NLA)

Private study in jazz. For Jazz Studies majors and concentrations only. Jazz Studies majors take 2 semesters of JAZZ 17001 for each semester. Jazz Studies concentrations may take JAZZ 17001 as an elective toward the jazz concentration requirements. (F-S)

1 Credit

JAZZ 19900 Jazz Repertoire and Pedagogy (NLA)

Students meet weekly as a group with their jazz study teacher(s) to perform repertoire and discuss performance technique and pedagogy. Pass/Fail only. (F,S)

0.5 Credit

JAZZ 20000 Jazz Theory and Aural Training I (LA)

Introduces and vigorously drills jazz chords and chord symbol notation, modes, scales, chord-scale relationships, and jazz forms. Activities will include transcribing and performing; students will be required to bring their instruments to each class. Prerequisites: MUTH 10100 or MUTH 10101. (F-S-B)

Attributes: FA

1 Credit

JAZZ 20100 Jazz Theory and Aural Training II (LA)

Introduces and vigorously drills advanced jazz chords and chord symbol notation, modes, scales, chord-scale relationships, and jazz forms. Activities will include transcribing and performing; students will be required to bring their instruments to each class. Prerequisites: JAZZ 20000. (F-S-B)

Attributes: FA

1 Credit

JAZZ 21000 Jazz Standards and Literature I (NLA)

Introduces the jazz standard repertoire critical to functioning as a musician in a jazz combo. Memorizing the melodies, chord progressions, lyrics (as appropriate) and improvising on the songs in all 12 keys will be the primary activities. There will also be a transcription assignment, where each student will be required to transcribe an improvised solo by a major jazz artist, and present that solo to the class, and play along with the recording. Prerequisites: JAZZ 20100. (2 cr.) (S)

2 Credits

JAZZ 23000 Jazz Tune Writing (NLA)

Legendary jazz trumpeter Clark Terry taught that learning jazz can be broken down into three essential steps: imitation, assimilation and innovation. This course will focus on the first two steps, imitation and assimilation. Basic techniques of tune writing are presented and explored in relation to the work of specific jazz composers whose works are rooted in the creative use of tonal harmonic relationships. Students listen to and analyze tunes by composers such as Bill Evans, Tadd Dameron, Thelonious Monk, Bob Brookmeyer, and Wayne Shorter, and compose original tunes using the musical vocabulary and techniques utilized by those composers. Prerequisites: JAZZ 20100. (S)

2 Credits

JAZZ 27000 Jazz Private Study II, major instrument (NLA)

Private study in jazz for Jazz Studies majors only. Students take 2 semesters of JAZZ 27000 for each semester. Corequisite: JAZZ 19900. Prerequisites: 2 semesters of JAZZ 17000. (F-S)

2 Credits

JAZZ 27001 Jazz Private Study II, minor instrument (NLA)

Private study in jazz for Jazz Studies majors. Jazz Studies majors take 2 semesters of JAZZ 27001 for each semester. Prerequisites: 2 semesters of JAZZ 17001. (F-S)

1 Credit

JAZZ 31000 Jazz Standards and Literature II (NLA)

Introduces more advanced standards and jazz repertoire critical to functioning as a musician in a modern jazz combo. Memorizing the melodies, chord progressions, lyrics (as appropriate) and improvising on the songs in all 12 keys will be the primary activities. Additionally, students will be required to analyze the composition and improvisation techniques of Charlie Parker and Thelonious Monk. Prerequisites: JAZZ 21000. (2 cr.) (F)
2 Credits

JAZZ 31100 Jazz Standards and Literature III (NLA)

Covers extremely advanced jazz standards and repertoire important to functioning as a musician in a modern jazz combo. Memorizing the melodies, chord progressions, and improvising on the songs will be the primary activities of the course. There will also be a transcription assignment, where each student will be required to transcribe and analyze an improvised solo by a major jazz artist on a complex, chromatic tune, present that solo to the class, and play along with the recording. Prerequisites: JAZZ 31000. (S, O)
2 Credits

JAZZ 32300 Jazz Arranging I (LA)

Jazz arranging for the big band. Chord progressions and harmonic motion; scales that go with chords; triadic and seventh chords; standard cadential formulas; progressions found in basic jazz tunes; transcription; transposition; proper rhythm notation; terminology; instrument ranges; principles of melodic analysis; approach note techniques; four-part close voicings; unisons; open voicings (i.e. "drop two" and "drop two and four"); pads; punch chords; additions to four-way close; five-part saxophone section writing; alternate voicings; rhythm section writing; background line writing; standard formal arrangements of jazz pieces; writing one full arrangement with parts copied for a large jazz ensemble (arrangements must be played to receive credit in the course); score analysis and listening; "shout" chorus; concerted writing; melodic and rhythmic modification. Prerequisite: JAZZ 20100. (F)
2 Credits

JAZZ 32500 Jazz Arranging II (LA)

Writing for small and medium-size jazz ensembles. Review of all major concepts from Jazz Arranging I; discussion of harmony, substitute chords, modulation, and reharmonization; two- and three-part jazz counterpoint; analysis of small-group scores; transcribing tunes from recordings; correction of published sheet music; melody writing and motive development; introductions and turnarounds; expanded use of the rhythm section; background writing; techniques used in developing a melody; formal considerations; assigned listening both in and out of class; one complete medium-size group arrangement. Arrangement must be played to receive credit in the course. Prerequisites: JAZZ 32300. (S)
2 Credits

JAZZ 32600 Jazz Arranging III (LA)

Jazz arranging for the "studio orchestra" (i.e., large jazz ensemble with strings, woodwinds, horns, tuba, and extra percussion). Review of all major concepts from Jazz Arranging I and II; woodwind writing (e.g., clarinet, flute, bass clarinet, bassoon, and oboe); string writing and combining strings with winds; expanded use of the rhythm section; writing for voices in combination with other instruments; the recording studio; percussion writing; writing for French horn and tuba; score analysis and listening; one "studio orchestra" arrangement (perhaps an original composition, with approval of professor). Arrangement must be played to receive credit in the course. Prerequisites: JAZZ 32500. (IRR)
2 Credits

JAZZ 36100 Jazz Improvisation I (LA)

Basic nomenclature; all four-note seventh chords; modes of the major scale as used in improvising; rhythmic motive development; "swing" feeling; even eighth-note feeling; introduction to ii-V and ii-V-I progressions in all major keys; modulating standard and jazz compositions; solo transcriptions; phrase construction; chordal style; linear style; cycles; ear development; basic form of a solo; inside playing in solo improvising; Dorian and Mixolydian mode application. (F)
2 Credits

JAZZ 36300 Jazz Improvisation II (LA)

More advanced harmonic concepts; b9 chords; 11th and 13th chords; review of ii-V-I progressions and resolutions; basic bitonality; formal structures of solos; use of altered scales; Phrygian, Lydian, Aeolian, and Locrian mode application to chord changes; whole tone and diminished scale usage; modes of the ascending melodic minor scale and their usage; bebop style compositions of the 1940s and 1950s; "rhythm changes" and substitute chord usage; bebop devices. Prerequisites: JAZZ 36100. (S,IRR)
2 Credits

JAZZ 36400 Jazz Improvisation III (LA)

Fast tempos; rock style improvisation; chord superimposition; advanced patterns; deceptive cadences; alternate blues changes; turnarounds; advanced bitonality; further application of modes of the ascending melodic minor; more advanced harmonies of songs from the 1960s through 1980s; the Lydian-augmented mode; the Mixolydian flat 13 mode. Prerequisites: JAZZ 36300. (S,IRR)
2 Credits

JAZZ 36600 Jazz Style Analysis (LA)

For music majors (open to selected non-music majors with permission of the instructor). Jazz history from 1945 to the present with required listening and reading outside class. Areas covered include stylistic analysis of contemporary jazz, major representative artists, and the influence of preceding styles on subsequent ones. Aural and theoretical analysis of transcribed solos is included. Course grades are based on quizzes and a final research or creative project. (S,IRR)
Attributes: 3B, H, HU
3 Credits

JAZZ 60100 Jazz Private Performance Study (NLA)

Private study on percussion, bass, guitar, saxophone, trumpet or any other instrument, utilizing jazz styles and repertoire. (IRR)
1 Credit

Music Performance Studies

MUPS 12000 The Singing Performer I: Body Awareness (NLA)

Develop body awareness through guided practice. Explore various techniques to emphasize physical presence and connection between body and space. Work primarily takes place during class time. (F,Y)
1 Credit

MUPS 12200 The Singing Performer II: Voice and Body Connection (NLA)

Develop body awareness through guided practice. Employ various techniques to emphasize physical and vocal presence, and connection between body, voice, and space. Work primarily takes place during class time. (S,Y)
1 Credit

MUPS 16100 Diction I (NLA)

A detailed study of the International Phonetic Alphabet, with particular attention to the rules and symbols of English, Italian, and German diction. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. (F)

2 Credits

MUPS 16200 Diction II (NLA)

A detailed study of the International Phonetic Alphabet, with particular attention to the rules and symbols of French diction. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. Prerequisites: MUMC 16100 or MUPS 16100. (S)

2 Credits

MUPS 16300 Diction for the Non-Vocal Music Major (NLA)

The study of the International Phonetic Alphabet (IPA) as it relates to English, Italian, German, and French vowel and consonant sounds. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. For music majors in the Music Education, and four-and-one-half-year programs, piano and guitar tracks. (S)

2 Credits

MUPS 17100 Performance Diction I: IPA and English Lyric Diction (NLA)

This class examines the basics of the International Phonetic Alphabet (IPA). This will be applied to the singing pronunciation of English and then expanded to include resources for beginning comprehension and pronunciation of other languages. Through written exercises, lecture, listening lab, poetic recitation, repetition, and in-class coaching and performance, students will learn the basics of the International Phonetic Alphabet (IPA), develop their ability to identify the component sounds of English, and to enunciate and express them with clarity and physical ease. They will also learn how to effectively use English diction for expressive purposes. Corequisites: PFMJ 10100. (F)

1 Credit

MUPS 17200 Performance Diction II: Italian and Spanish Lyric Diction (NLA)

This class examines the basics of the International Phonetic Alphabet (IPA) as applied to the singing pronunciation of Italian and Spanish. Through written exercises, lecture, listening lab, poetic recitation, repetition, and in-class coaching and performance of recitative, arias and songs, students will continue to learn the basics of the International Phonetic Alphabet (IPA), develop their ability to identify the component sounds of Italian and Spanish, and to enunciate and express them with clarity and physical ease. Prerequisites: MUPS 17100 or MUPS 16300. (S)

1 Credit

MUPS 17300 Performance Diction III: German Lyric Diction (NLA)

This class examines the basics of the International Phonetic Alphabet (IPA) as applied to the singing pronunciation of German. Through written exercises, lecture, listening lab, poetic recitation, repetition, and in-class coaching and performance, students will continue to learn the basics of the International Phonetic Alphabet (IPA), develop their ability to identify the component sounds of German, and to enunciate and express them with clarity and physical ease. Prerequisites: MUPS 17100 or MUPS 16100 or MUPS 16300. (F)

1 Credit

MUPS 17400 Performance Diction IV: French Lyric Diction (NLA)

This class examines the basics of the International Phonetic Alphabet (IPA) as applied to the singing pronunciation of French. Through written exercises, lecture, listening lab, poetic recitation, repetition, and in-class coaching and performance, students will continue to learn the basics of the International Phonetic Alphabet (IPA), develop their ability to identify the component sounds of French, and to enunciate and express them with clarity and physical ease. Prerequisites: MUPS 17100, MUPS 16100, or MUPS 16300. (S)

1 Credit

MUPS 20000 Basic Piano Pedagogy (NLA)

The art and science of piano pedagogy is explored through an overview of the basic components of professional piano teaching. The emphasis is on teaching beginners focusing on principles of one-on-one instruction. A review of mainstream methods and materials focuses on technique and the early development of musicianship through piano study. Career opportunities as an independent studio teacher are explored through learning the strategies and standards for developing an independent studio business. Prerequisites: PFMJ 10300. (E,F)

1 Credit

MUPS 21000 Group Piano Pedagogy (NLA)

Explore the history, rationale, and logistical considerations of teaching group piano in a college setting or as part of an independent studio. Experience teaching piano in a group environment through active participation in peer teaching and guided observations. Discover how cooperative learning theory and creative curriculum development can motivate your students. Groups of all ages including small children, teens (in the public-school environment), college-aged music majors and non-majors, and senior adults are part of the practical teaching experiences. Prerequisites: PFMJ 10300. (F,O)

1 Credit

MUPS 22000 The Singing Performer III: Interpretation and Integration (NLA)

An interdisciplinary course designed to further develop body awareness and theatrical acting skills for singers. Emphasis on acting techniques and styles of movement. Culminates in a performance of a song or aria, using acting styles and movement techniques to create a fully formed, identifiable stage persona. Prerequisites: PFMJ 10100. (Y)

2 Credits

MUPS 27700 Introduction to the Organ (NLA)

Basic instruction in playing the organ, with an overview of organ history and construction. Covers the basics of legato, including substitution and thumb glissando, as well as pedal playing. Weekly meetings in a seminar setting include lecture, written, and keyboard components. Prerequisites: PFSM 17600. (F,S)

1 Credit

MUPS 27900 Introduction to the Harpsichord (NLA)

Basic instruction in playing the harpsichord, as well as insight into playing continuo, with an overview of harpsichord history, literature, and construction, and the basics of figured bass realization and figured bass in the context of continuo accompaniment. Adaptation of realized continuo parts into more usable accompaniments is emphasized. Prerequisites: PFSM 17600. (F,S)

1 Credit

MUPS 35000 Piano Pedagogy Practicum (NLA)

Piano pedagogy practicum is a hands-on mentored teaching experience for students interested in teaching in an independent private studio. Teaching assignments are individually designed to complement the student's interest. Opportunities exist in the on-campus Teaching Intern Program (average age beginners), off-campus studios and programs, individual or group lessons, and with a variety of age groups including adults and senior citizens. Mentoring involves guided preparation and assessment. Credit is determined by the scope of the teaching assignment. Prerequisites: MUMC 20000. (F,S)
0.5-2 Credits

MUPS 37300 Required Junior Recital (NLA)

As a condition for graduation, students in the performance and four-and-a-half year programs are required to present a junior solo recital approximately one hour long. (F,S)
1 Credit

MUPS 41000 Piano Pedagogy Forum (NLA)

Engage in an in-depth study of selected topics in the art and science of piano pedagogy. Build upon foundational principles of piano pedagogy through research, discussion, and applied practice. This course is cross-listed with MUPS 51000 for graduate students. Prerequisites: MUPS 35000. (F,S)
1-2 Credits

MUPS 47301 Senior Voice Recital (NLA)

As a condition for graduation, students in the performance and four-and-a-half year programs are required to present a senior solo recital, approximately one hour long. This capstone experience includes preparation through private voice lessons as well as study of the languages, poetry, and musical and dramatic elements with a vocal coach. Prerequisites: MUMC 37300. (F,S)
2 Credits

MUPS 48500 Survey of Piano Literature I (LA)

Examine the standard piano literature from the origins of the keyboard through the middle romantic period by listening, performing, and analyzing the repertoire. Develop an appreciation for, and a historical understanding of, the rich heritage of piano literature. (F,O)
2 Credits

MUPS 48600 Survey of Piano Literature II (LA)

Piano literature in the period from the mid 19th century Romantic Period through the present day is explored through listening, performing, and analyzing the repertoire. Through in-depth study of the literature, this course develops appreciation for the rich heritage, as well as the historical and cultural context of piano literature. (O,S)
2 Credits

MUPS 51000-51500 Piano Pedagogy Forum (NLA)

Engage in an in-depth study of selected topics in the art and science of piano pedagogy. Build upon foundational principles of piano pedagogy through research, discussion, and applied practice. This course is cross-listed with MUPS 41000 for graduate students. Prerequisites: MUPS 35000. (F,S)
1-2 Credits

MUPS 55500 Vocal Pedagogy (NLA)

This course combines lecture and experiential components related to teaching voice in the private lesson setting. The pedagogy of teaching voice, including teaching methods, voice science, performance psychology, and artistic concerns will be covered. In addition, students will teach two volunteer students in weekly singing lessons, culminating in a volunteer student recital. Included in the course are aspects of the business of running an independent voice studio. (S,Y)
2 Credits

MUPS 58500 Survey of Piano Literature I (LA)

The study of piano literature from the high baroque through the middle romantic periods. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Periodic examinations and individual projects are required. One hour of lecture and one half hour of lab meetings weekly. (F,O)
2 Credits

MUPS 58600 Survey of Piano Literature II (LA)

The study of piano literature from the middle romantic period through the 20th century. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Periodic examinations and individual projects are required. One hour of lecture and one-half hour of lab meetings weekly. (O,S)
2 Credits

MUPS 59000 Choral Literature and Performance Practice 1 (LA)

A survey of choral literature and performance practices from the Medieval era to the Classical era. (E,S)
2 Credits

MUPS 59100 Choral Literature and Performance Practice 2 (LA)

A survey of choral literature and performance practices from the Romantic era to the present including world musics. (O,S)
2 Credits

MUPS 65000 Piano Pedagogy Practicum (NLA)

A mentored teaching experience for students interested in teaching piano in a "real world" environment. Teaching assignments are individually designed to complement the student's interest. Opportunities exist in the on-campus Teaching Intern Program (average age beginners), off-campus studios and programs, individual or group lessons, and with a variety of age groups including adults and senior citizens. Mentoring involves guided preparation and assessment. Credit is determined by the scope of the teaching assignment. (F,S,Y)
1-2 Credits

Performance - Major

PFMJ 10100 Voice I - Music Major (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce." Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 10101 Voice I - Music Minors (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce."

1 Credit

PFMJ 10102 Voice I - Secondary Instrument (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce."

1 Credit

PFMJ 10300 Piano I - Music Majors (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 10301 Piano I - Music Minors (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable credit.

1 Credit

PFMJ 10302 Piano I - Secondary Instrument (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable credit.

1 Credit

PFMJ 10500 Organ I - Music Majors (NLA)

Technical studies and selected pieces from Gleason, "Method of Playing Organ"; easier Bach works; works of appropriate difficulty from all periods. Hymn playing. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 10501 Organ I - Music Minors (NLA)

Technical studies and selected pieces from Gleason, "Method of Playing Organ"; easier Bach works; works of appropriate difficulty from all periods. Hymn playing.

1 Credit

PFMJ 10502 Organ I - Secondary Instrument (NLA)

Technical studies and selected pieces from Gleason, "Method of Playing Organ"; easier Bach works; works of appropriate difficulty from all periods. Hymn playing.

1 Credit

PFMJ 10700 Harpsichord I - Music Majors (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 10701 Harpsichord I - Music Minors (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice.

1-3 Credits

PFMJ 10702 Harpsichord I-Secondary Instrument (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice.

1-2 Credits

PFMJ 10900 Violin I - Music Majors (NLA)

Technique based on Carl Flesch's "Scale System": three-octave major and minor scales, arpeggios, chromatic scales, broken thirds, and selected one-string systems. Technical work on shifting and higher position playing, as well as bow technique covering détaché, martelé, staccato, and spiccato bow strokes. Representative études including Schradieck, Sevcik, Mazas, Whistler, and Kreutzer. Representative repertoire including concerti by Bach, Charles de Beriot, Pierre Rode, Ludwig Spohr, and Giovanni Viotti; solo sonatas and partitas by Bach; and sonatas by Handel, Corelli, Schubert, and Vivaldi. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 10901 Violin I - Minors (NLA)

Technique based on Carl Flesch's "Scale System": three-octave major and minor scales, arpeggios, chromatic scales, broken thirds, and selected one-string systems. Technical work on shifting and higher position playing, as well as bow technique covering détaché, martelé, staccato, and spiccato bow strokes. Representative études including Schradieck, Sevcik, Mazas, Whistler, and Kreutzer. Representative repertoire including concerti by Bach, Charles de Beriot, Pierre Rode, Ludwig Spohr, and Giovanni Viotti; solo sonatas and partitas by Bach; and sonatas by Handel, Corelli, Schubert, and Vivaldi.

1 Credit

PFMJ 10902 Violin I - Secondary Instrument (NLA)

Technique based on Carl Flesch's "Scale System": three-octave major and minor scales, arpeggios, chromatic scales, broken thirds, and selected one-string systems. Technical work on shifting and higher position playing, as well as bow technique covering détaché, martelé, staccato, and spiccato bow strokes. Representative études including Schradieck, Sevcik, Mazas, Whistler, and Kreutzer. Representative repertoire including concerti by Bach, Charles de Beriot, Pierre Rode, Ludwig Spohr, and Giovanni Viotti; solo sonatas and partitas by Bach; and sonatas by Handel, Corelli, Schubert, and Vivaldi.

1 Credit

PFMJ 11100 Viola I - Music Majors (NLA)

Basic technical work: posture, stretching, and strengthening exercises; principles of movement; Sevcik, op. 1, pt. 1, for left-hand fluency and efficiency; principles of string crossing; Sevcik, op. 2, pt. 3, for understanding right-hand and arm actions; tonal development; Sevcik, op. 8, shifting exercises; vibrato exercises. Flesch, "Scale System": three-octave scales, arpeggios, broken thirds, chromatics, and whole tone. Viola ensemble. Repertoire from Flackton and Marcello sonatas; Jacob, Sonatina; Bach, Suites; Telemann, concerto and fantasias; movements from Vaughan Williams suite. Mazas, Kayser, and Bruni studies. Repertoire classes throughout four years include discussions on performance practice; films such as Rolland, Galamian, and Primrose; teaching practice; musical awareness. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 11101 Viola I - Music Minors (NLA)

Basic technical work: posture, stretching, and strengthening exercises; principles of movement; Sevcik, op. 1, pt. 1, for left-hand fluency and efficiency; principles of string crossing; Sevcik, op. 2, pt. 3, for understanding right-hand and arm actions; tonal development; Sevcik, op. 8, shifting exercises; vibrato exercises. Flesch, "Scale System": three-octave scales, arpeggios, broken thirds, chromatics, and whole tone. Viola ensemble. Repertoire from Flackton and Marcello sonatas; Jacob, Sonatina; Bach, Suites; Telemann, concerto and fantasias; movements from Vaughan Williams suite. Mazas, Kayser, and Bruni studies. Repertoire classes throughout four years include discussions on performance practice; films such as Rolland, Galamian, and Primrose; teaching practice; musical awareness.

1 Credit

PFMJ 11102 Viola I - Secondary Instrument (NLA)

Basic technical work: posture, stretching, and strengthening exercises; principles of movement; Sevcik, op. 1, pt. 1, for left-hand fluency and efficiency; principles of string crossing; Sevcik, op. 2, pt. 3, for understanding right-hand and arm actions; tonal development; Sevcik, op. 8, shifting exercises; vibrato exercises. Flesch, "Scale System": three-octave scales, arpeggios, broken thirds, chromatics, and whole tone. Viola ensemble. Repertoire from Flackton and Marcello sonatas; Jacob, Sonatina; Bach, Suites; Telemann, concerto and fantasias; movements from Vaughan Williams suite. Mazas, Kayser, and Bruni studies. Repertoire classes throughout four years include discussions on performance practice; films such as Rolland, Galamian, and Primrose;; teaching practice; musical awareness.

1 Credit

PFMJ 11300 Cello I - Music Majors (NLA)

Technique including seating position and holding instrument, bowing, use of left hand, scales, arpeggios, broken thirds through tenths, position-setting double stops, (i.e., Rowell position exercise, thumb position, and shifting development). Emphasis is placed on introduction of bowing types and techniques and the art of good practicing. Representative études including Lee, op. 31; Duport, "Twenty-One Études"; Grutzmacher, book I; Franchomme, "12 Caprices"; Cossmann, "Studies". Representative repertoire including sonatas of Vivaldi, Marcello, Corelli, and Eccles; Bach, Suites 1-3; pieces such as Fauré's Elegy, Van Goens's Scherzo; concerti of Saint-Saëns, Boccherini (B-flat), and Haydn (C major). Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 11301 Cello I - Music Minors (NLA)

Technique including seating position and holding instrument, bowing, use of left hand, scales, arpeggios, broken thirds through tenths, position-setting double stops, (i.e., Rowell position exercise, thumb position, and shifting development). Emphasis is placed on introduction of bowing types and techniques and the art of good practicing. Representative études including Lee, op. 31; Duport, "Twenty-One Études"; Grutzmacher, book I; Franchomme, "12 Caprices"; Cossmann, "Studies". Representative repertoire including sonatas of Vivaldi, Marcello, Corelli, and Eccles; Bach, Suites 1-3; pieces such as Fauré's Elegy, Van Goens's Scherzo; concerti of Saint-Saëns, Boccherini (B-flat), and Haydn (C major).

1 Credit

PFMJ 11302 Cello I - Secondary Instrument (NLA)

Technique including seating position and holding instrument, bowing, use of left hand, scales, arpeggios, broken thirds through tenths, position-setting double stops, (i.e., Rowell position exercise, thumb position, and shifting development). Emphasis is placed on introduction of bowing types and techniques and the art of good practicing. Representative études including Lee, op. 31; Duport, "Twenty-One Études"; Grutzmacher, book I; Franchomme, "12 Caprices"; Cossmann, "Studies." Representative repertoire including sonatas of Vivaldi, Marcello, Corelli, and Eccles; Bach, Suites 1-3; pieces such as Fauré's Elegy, Van Goens's Scherzo; concerti of Saint-Saëns, Boccherini (B-flat), and Haydn (C major).

1-3 Credits

PFMJ 11500 Double Bass I - Majors (NLA)

Technique including one- and two-octave scales up to C in thumb position. Bowing patterns including one, two, and three in a bow. Complete study of Simandl, "New Method for Double Bass," book 1, and Simandl, "30 Études." Studies from Sturm, "110 Studies," book 1. Solo repertoire chosen from sonatas by Marcello, Vivaldi, and others. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 11501 Double Bass I - Music Minors (NLA)

Technique including one- and two-octave scales up to C in thumb position. Bowing patterns including one, two, and three in a bow. Complete study of Simandl, "New Method for Double Bass," book 1, and Simandl, "30 Études." Studies from Sturm, "110 Studies," book 1. Solo repertoire chosen from sonatas by Marcello, Vivaldi, and others.

1 Credit

PFMJ 11502 Double Bass I - Secondary Instrument (NLA)

Technique including one- and two-octave scales up to C in thumb position. Bowing patterns including one, two, and three in a bow. Complete study of Simandl, "New Method for Double Bass," book 1, and Simandl, "30 Études." Studies from Sturm, "110 Studies," book 1. Solo repertoire chosen from sonatas by Marcello, Vivaldi, and others.

1 Credit

PFMJ 11700 Classical Guitar I - Majors (NLA)

Technique: Scales (Segovia), scale playing in rhythmic patterns, arpeggios, slurs, trills, etc., studies by Milan, Besard, Sor, Aguado, Tarrega, Villa-Lobos, Barrios, etc. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 11701 Classical Guitar I-Minors (NLA)

Technique: Scales (Segovia), scale playing in rhythmic patterns, arpeggios, slurs, trills, etc., studies by Milan, Besard, Sor, Aguado, Tarrega, Villa-Lobos, Barrios, etc.

1 Credit

PFMJ 11900 Jazz Guitar I - Music Majors (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc.

Emphasis is placed on style periods and idiomatic playing. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 11901 Jazz Guitar I - Music Minors (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc.

Emphasis is placed on style periods and idiomatic playing.

1-3 Credits

PFMJ 11902 Jazz Guitar I - Secondary Instrument (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc.

Emphasis is placed on style periods and idiomatic playing.

1 Credit

PFMJ 12100 Flute I - Music Majors (NLA)

Emphasis placed on tone production, breath control and support, embouchure flexibility, and articulation and technique. Weekly repertoire classes. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 12101 Flute I - Music Minors (NLA)

Emphasis placed on tone production, breath control and support, embouchure flexibility, and articulation and technique. Weekly repertoire classes.

1 Credit

PFMJ 12102 Flute I - Secondary Instrument (NLA)

Emphasis placed on tone production, breath control and support, embouchure flexibility, and articulation and technique. Weekly repertoire classes.

1 Credit

PFMJ 12300 Oboe I - Music Majors (NLA)

The basic elements of technique (fingers, embouchure and tonguing, blowing) are related to artistic concept through long tones, scales in all note values, and the "Forty Progressive Melodies" from Barret's "Oboe Method." Representative repertoire is selected from the Albinoni and Handel concerti, Nielsen, "Phantasy Pieces," op. 2, and the Geiser Sonatine. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 12301 Oboe I - Music Minors (NLA)

The basic elements of technique (fingers, embouchure and tonguing, blowing) are related to artistic concept through long tones, scales in all note values, and the "Forty Progressive Melodies" from Barret's "Oboe Method." Representative repertoire is selected from the Albinoni and Handel concerti, Nielsen, "Phantasy Pieces," op. 2, and the Geiser Sonatine.

1 Credit

PFMJ 12302 Oboe I - Secondary Instrument (NLA)

The basic elements of technique (fingers, embouchure and tonguing, blowing) are related to artistic concept through long tones, scales in all note values, and the "Forty Progressive Melodies" from Barret's "Oboe Method." Representative repertoire is selected from the Albinoni and Handel concerti, Nielsen, "Phantasy Pieces," op. 2, and the Geiser Sonatine.

1 Credit

PFMJ 12500 Clarinet I - Music Majors (NLA)

Emphasis is placed on production of good tone, correct posture, breathing, embouchure formation, hand position, finger motion, and articulation. All major and minor scales, thirds, and arpeggios. Symmetrical scale and chord patterns. Albert, "24 Varied Scale and Chord Exercises"; Bonade, "Clarinetist's Compendium"; Williaman, "Modulation Exercises." Representative études including Hite (ed.), "Melodious and Progressive Studies"; Rose, "40 Studies"; Muller, "30 Studies in All Tonalities"; Gates, "Odd-Meter Études." Representative repertoire including Delmas, "Promenade"; Avon, "Fantasie de Concert"; Finzi, "Five Bagatelles"; Carter, "Pastorale"; Barat, "Pièce en Sol Mineur"; Vaughan Williams, "Six Studies in English Folk Song"; Pierne, "Serenade"; Coquard, "Melodie et Scherzetto"; Grovlex, "Lamento et Tarentelle"; Barlow, "Lyrical Piece"; Schumann, "Drei Romanzen"; arias by Bozza and Roussel; sonatinas by Heiden, Honegger, and Szalowski. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 12501 Clarinet I - Music Minors (NLA)

Emphasis is placed on production of good tone, correct posture, breathing, embouchure formation, hand position, finger motion, and articulation. All major and minor scales, thirds, and arpeggios. Symmetrical scale and chord patterns. Albert, "24 Varied Scale and Chord Exercises"; Bonade, "Clarinetist's Compendium"; Williaman, "Modulation Exercises." Representative études including Hite (ed.), "Melodious and Progressive Studies"; Rose, "40 Studies"; Muller, "30 Studies in All Tonalities"; Gates, "Odd-Meter Études." Representative repertoire including Delmas, "Promenade"; Avon, "Fantasie de Concert"; Finzi, "Five Bagatelles"; Carter, "Pastorale"; Barat, "Pièce en Sol Mineur"; Vaughan Williams, "Six Studies in English Folk Song"; Pierne, "Serenade"; Coquard, "Melodie et Scherzetto"; Grovlex, "Lamento et Tarentelle"; Barlow, "Lyrical Piece"; Schumann, "Drei Romanzen"; arias by Bozza and Roussel; sonatinas by Heiden, Honegger, and Szalowski.

1 Credit

PFMJ 12502 Clarinet I - Secondary Instrument (NLA)

Emphasis is placed on production of good tone, correct posture, breathing, embouchure formation, hand position, finger motion, and articulation. All major and minor scales, thirds, and arpeggios. Symmetrical scale and chord patterns. Albert, "24 Varied Scale and Chord Exercises"; Bonade, "Clarinetist's Compendium"; Williaman, "Modulation Exercises." Representative études including Hite (ed.), "Melodious and Progressive Studies"; Rose, "40 Studies"; Muller, "30 Studies in All Tonalities"; Gates, "Odd-Meter Études." Representative repertoire including Delmas, "Promenade"; Avon, "Fantasie de Concert"; Finzi, "Five Bagatelles"; Carter, "Pastorale"; Barat, "Pièce en Sol Mineur"; Vaughan Williams, "Six Studies in English Folk Song"; Pierne, "Serenade"; Coquard, "Melodie et Scherzetto"; Grovlex, "Lamento et Tarentelle"; Barlow, "Lyrical Piece"; Schumann, "Drei Romanzen"; arias by Bozza and Roussel; sonatinas by Heiden, Honegger, and Szalowski.

1 Credit

PFMJ 12700 Bassoon I - Music Majors (NLA)

Technique to include patterns for all first-year bassoon students. Long tones on all major scales, correct embouchure, fingerings, breathing and tonguing, and reed making. Representative études including Weissenborn, "Method," books I and II; Milde, "Studies in All Keys." Representative repertoire including E. Bourdeau, "Premier Solo"; Telemann, "Sonata in F Minor"; D. C. Smith, "Caprice"; Max Vox Lenz, "Cicero"; Beethoven, "Adagio Cantabile"; and Weissenborn, "Capriccio," op. 14. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 12701 Bassoon I - Music Minors (NLA)

Technique to include patterns for all first-year bassoon students. Long tones on all major scales, correct embouchure, fingerings, breathing and tonguing, and reed making. Representative études including Weissenborn, "Method," books I and II; Milde, "Studies in All Keys." Representative repertoire including E. Bourdeau, "Premier Solo"; Telemann, "Sonata in F Minor"; D. C. Smith, "Caprice"; Max Vox Lenz, "Cicero"; Beethoven, "Adagio Cantabile"; and Weissenborn, "Capriccio," op. 14.

1 Credit

PFMJ 12702 Bassoon I - Secondary Instrument (NLA)

Technique to include patterns for all first-year bassoon students. Long tones on all major scales, correct embouchure, fingerings, breathing and tonguing, and reed making. Representative études including Weissenborn, "Method," books I and II; Milde, "Studies in All Keys." Representative repertoire including E. Bourdeau, "Premier Solo"; Telemann, "Sonata in F Minor"; D. C. Smith, "Caprice"; Max Vox Lenz, "Cicero"; Beethoven, "Adagio Cantabile"; and Weissenborn, "Capriccio," op. 14.

1 Credit

PFMJ 12900 Saxophone I - Music Majors (NLA)

Technique from L. Teal, "Saxophonist's Workbook"; tone studies, vibrato studies, articulation studies, alternate fingering studies, major/minor scales, major/minor thirds, low and high register studies. S. Rascher, "Top Tones"; R. Lang, "Beginning Studies in the Altissimo Register"; J. M. Londeix, "On the Exactness of Intonation." Representative études including J. L. Small, "Rhythmical and Technical Studies"; H. Voxman, "Selected Studies"; Ferling, "48 Études." Representative repertoire including Teal, "Solos for the Alto and Tenor Saxophone Player"; H. Eccles, Sonata; Mule, "Classics for the Saxophon"e; E. Bozza, Aria; P. Lantier, "Sicilienne"; B. Heiden, Sonata; P. Hindemith, Sonata; W. Schmidt, Sonatina; and various chamber works. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 12901 Saxophone I - Music Minors (NLA)

Technique from L. Teal, "Saxophonist's Workbook"; tone studies, vibrato studies, articulation studies, alternate fingering studies, major/minor scales, major/minor thirds, low and high register studies. S. Rascher, "Top Tones"; R. Lang, "Beginning Studies in the Altissimo Register"; J. M. Londeix, "On the Exactness of Intonation." Representative études including J. L. Small, "Rhythmical and Technical Studies"; H. Voxman, "Selected Studies"; Ferling, "48 Études." Representative repertoire including Teal, "Solos for the Alto and Tenor Saxophone Player"; H. Eccles, Sonata; Mule, "Classics for the Saxophon"e; E. Bozza, Aria; P. Lantier, "Sicilienne"; B. Heiden, Sonata; P. Hindemith, Sonata; W. Schmidt, Sonatina; and various chamber works.

1 Credit

PFMJ 12902 Saxophone I - Secondary Instrument (NLA)

Technique from L. Teal, "Saxophonist's Workbook"; tone studies, vibrato studies, articulation studies, alternate fingering studies, major/minor scales, major/minor thirds, low and high register studies. S. Rascher, "Top Tones"; R. Lang, "Beginning Studies in the Altissimo Register"; J. M. Londeix, "On the Exactness of Intonation." Representative études including J. L. Small, "Rhythmical and Technical Studies"; H. Voxman, "Selected Studies"; Ferling, "48 Études." Representative repertoire including Teal, "Solos for the Alto and Tenor Saxophone Player"; H. Eccles, Sonata; Mule, "Classics for the Saxophon"e; E. Bozza, Aria; P. Lantier, "Sicilienne"; B. Heiden, Sonata; P. Hindemith, Sonata; W. Schmidt, Sonatina; and various chamber works.

1 Credit

PFMJ 13100 French Horn I - Music Majors (NLA)

Technique to include lip slurs; middle register and all major scales, two octaves in various articulations. Transposition to E-flat, C, and D horn. Representative études including Kopprasch, book I; Pottag, "Preparatory Melodies to Solo Playing"; Maxime-Alphonse, books II and III; Weber, "13 Études"; Schuller, "Studies for Unaccompanied Horn"; and Schantl, "Studies on Scales and Intervals." Representative solo repertoire including Glazunov, "Reveries"; Lefebvre, "Romance"; Mozart, Concerti no. 2 and 3; and Beethoven, Sonata. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 13101 French Horn I - Music Minors (NLA)

Technique to include lip slurs; middle register and all major scales, two octaves in various articulations. Transposition to E-flat, C, and D horn. Representative études including Kopprasch, book I; Pottag, "Preparatory Melodies to Solo Playing"; Maxime-Alphonse, books II and III; Weber, "13 Études"; Schuller, "Studies for Unaccompanied Horn"; and Schantl, "Studies on Scales and Intervals." Representative solo repertoire including Glazunov, "Reveries"; Lefebvre, "Romance"; Mozart, Concerti no. 2 and 3; and Beethoven, Sonata.

1 Credit

PFMJ 13102 French Horn I - Secondary Instrument

Technique to include lip slurs; middle register and all major scales, two octaves in various articulations. Transposition to E-flat, C, and D horn. Representative études including Kopprasch, book I; Pottag, "Preparatory Melodies to Solo Playing"; Maxime-Alphonse, books II and III; Weber, "13 Études"; Schuller, "Studies for Unaccompanied Horn"; and Schantl, "Studies on Scales and Intervals." Representative solo repertoire including Glazunov, "Reveries"; Lefebvre, "Romance"; Mozart, Concerti no. 2 and 3; and Beethoven, Sonata.

1 Credit

PFMJ 13300 Trumpet I - Music Majors (NLA)

Concentration on the development of the characteristic tone and essential technique demanded in trumpet performance. Manuscript warm-up routines, lip slurs, and finger patterns. All major and three forms of minor scales in 16th notes at mm 108, with emphasis placed on legato style. Review of Arban's "Complete Method." Development of skill of transposition in orchestral trumpet keys of A, C, D, E-flat, E, and F using Ernest Williams's method for transposition. Études to include Hering, "32 Études"; Voxman, "Selected Studies"; and Voisin, "Studies for Trumpet." Solo repertoire including Barat, Balay, Corelli, and Handel. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 13301 Trumpet I - Music Minors (NLA)

Concentration on the development of the characteristic tone and essential technique demanded in trumpet performance. Manuscript warm-up routines, lip slurs, and finger patterns. All major and three forms of minor scales in 16th notes at mm 108, with emphasis placed on legato style. Review of Arban's "Complete Method." Development of skill of transposition in orchestral trumpet keys of A, C, D, E-flat, E, and F using Ernest Williams's method for transposition. Études to include Hering, "32 Études"; Voxman, "Selected Studies"; and Voisin, "Studies for Trumpet." Solo repertoire including Barat, Balay, Corelli, and Handel.

1 Credit

PFMJ 13302 Trumpet I - Secondary Instrument (NLA)

Concentration on the development of the characteristic tone and essential technique demanded in trumpet performance. Manuscript warm-up routines, lip slurs, and finger patterns. All major and three forms of minor scales in 16th notes at mm 108, with emphasis placed on legato style. Review of Arban's "Complete Method." Development of skill of transposition in orchestral trumpet keys of A, C, D, E-flat, E, and F using Ernest Williams's method for transposition. Études to include Hering, "32 Études"; Voxman, "Selected Studies"; and Voisin, "Studies for Trumpet." Solo repertoire including Barat, Balay, Corelli, and Handel.

1 Credit

PFMJ 13500 Tenor Trombone I - Music Major (NLA)

Concentration on sound development, using manuscript warm-up routines. Also included are special exercises designed for range development and awareness of intonation problems. Representative études for technique include Smith, "Slide Exercises"; Rochut, "Melodious Études"; and Blazeovich, "Clef Studies." Representative repertoire includes Galliard, Guilment, Whear, Jones, Presser, David, and Pryor. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 13501 Tenor Trombone I - Music Minors (NLA)

Concentration on sound development, using manuscript warm-up routines. Also included are special exercises designed for range development and awareness of intonation problems. Representative études for technique include Smith, "Slide Exercises"; Rochut, "Melodious Études"; and Blazeovich, "Clef Studies." Representative repertoire includes Galliard, Guilment, Whear, Jones, Presser, David, and Pryor.

1 Credit

PFMJ 13502 Tenor Trombone I - Secondary Instrument (NLA)

Concentration on sound development, using manuscript warm-up routines. Also included are special exercises designed for range development and awareness of intonation problems. Representative études for technique include Smith, "Slide Exercises"; Rochut, "Melodious Études"; and Blazeovich, "Clef Studies." Representative repertoire includes Galliard, Guilment, Whear, Jones, Presser, David, and Pryor.

1 Credit

PFMJ 13700 Bass Trombone I - Music Majors (NLA)

Concentration on sound development, using manuscript warm-up routines. Also included are special exercises designed for range development and awareness of intonation problems. Representative études for technique include Smith, "Slide Exercises"; Fink, "Studies in Legato"; and Grigoriev, "24 Studies." Repertoire includes Galliard, Semler-Collery, Stevens, and Jacob. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 13701 Bass Trombone I - Music Minors (NLA)

Concentration on sound development, using manuscript warm-up routines. Also included are special exercises designed for range development and awareness of intonation problems. Representative études for technique include Smith, "Slide Exercises"; Fink, "Studies in Legato"; and Grigoriev, "24 Studies." Repertoire includes Galliard, Semler-Collery, Stevens, and Jacob.

1 Credit

PFMJ 13702 Bass Trombone I - Secondary Instrument (NLA)

Concentration on sound development, using manuscript warm-up routines. Also included are special exercises designed for range development and awareness of intonation problems. Representative études for technique include Smith, "Slide Exercises"; Fink, "Studies in Legato"; and Grigoriev, "24 Studies." Repertoire includes Galliard, Semler-Collery, Stevens, and Jacob.

1 Credit

PFMJ 13900 Euphonium I - Music Majors (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scales; interval and chord studies. All major and minor scales and arpeggios from memory (one octave). Introduction to double- and triple-tonguing (Arban). Representative études including Arban, "Method for Trombone," rhythm studies; Tyrell, "40 Advanced Studies for Trombone"; Kopprasch, "60 Selected Studies" (trombone, book 1); Rochut, "Melodious Études" (trombone, book 1). Representative repertoire including Clarke, "Sounds from Hudson"; Petit, "Étude de Concours"; Mühfeld, "Konzertstück"; Galliard, "Six Sonatas"; Weber, "Appassionata"; Barat, "Andante and Allegro"; plus selected band excerpts. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 13901 Euphonium I - Music Minors (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scales; interval and chord studies. All major and minor scales and arpeggios from memory (one octave). Introduction to double- and triple-tonguing (Arban). Representative études including Arban, "Method for Trombone," rhythm studies; Tyrell, "40 Advanced Studies for Trombone"; Kopprasch, "60 Selected Studies" (trombone, book 1); Rochut, "Melodious Études" (trombone, book 1). Representative repertoire including Clarke, "Sounds from Hudson"; Petit, "Étude de Concours"; Mühfeld, "Konzertstück"; Galliard, "Six Sonatas"; Weber, "Appassionata"; Barat, "Andante and Allegro"; plus selected band excerpts.

1 Credit

PFMJ 13902 Euphonium I - Secondary Instrument (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scales; interval and chord studies. All major and minor scales and arpeggios from memory (one octave). Introduction to double- and triple-tonguing (Arban). Representative études including Arban, "Method for Trombone," rhythm studies; Tyrell, "40 Advanced Studies for Trombone"; Kopprasch, "60 Selected Studies" (trombone, book 1); Rochut, "Melodious Études" (trombone, book 1). Representative repertoire including Clarke, "Sounds from Hudson"; Petit, "Étude de Concours"; Mühfeld, "Konzertstück"; Galliard, "Six Sonatas"; Weber, "Appassionata"; Barat, "Andante and Allegro"; plus selected band excerpts.

1 Credit

PFMJ 14100 Tuba I - Music Majors (NLA)

Technique based on W. Bell, "Tuba Warmups" (part 1); Pares, "Scale Studies"; Lowell Little, "Embouchure Builder"; Arban, "Method for Trombone" (interval and chord studies). Representative études including Arban, "Method for Trombone" (rhythm studies); Getchell, "Second Book of Practical Studies for Tuba"; Cimera, "73 Advanced Tuba Studies"; Kopprasch, "60 Selected Studies" (trombone, book 1); Rochut, "Melodious Études" (trombone, book 1); Tyrell, "Advanced Studies for the BB-flat Tuba." Representative repertoire including "Concert Album for Tuba" (edited by Ostrander); Walters, "Terantelle"; Sowerby, "Chaconne"; Beaucamp, "Cortege"; Cohen, Romance and Scherzo; Buchtel, Introduction and Rondo; plus selected band and orchestral excerpts. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 14101 Tuba I - Music Minors (NLA)

Technique based on W. Bell, "Tuba Warmups" (part 1); Pares, "Scale Studies"; Lowell Little, "Embouchure Builder"; Arban, "Method for Trombone" (interval and chord studies). Representative études including Arban, "Method for Trombone" (rhythm studies); Getchell, "Second Book of Practical Studies for Tuba"; Cimera, "73 Advanced Tuba Studies"; Kopprasch, "60 Selected Studies" (trombone, book 1); Rochut, "Melodious Études" (trombone, book 1); Tyrell, "Advanced Studies for the BB-flat Tuba." Representative repertoire including "Concert Album for Tuba" (edited by Ostrander); Walters, "Terantelle"; Sowerby, "Chaconne"; Beaucamp, "Cortege"; Cohen, Romance and Scherzo; Buchtel, Introduction and Rondo; plus selected band and orchestral excerpts.

1 Credit

PFMJ 14102 Tuba I - Secondary Instrument (NLA)

Technique based on W. Bell, "Tuba Warmups" (part 1); Pares, "Scale Studies"; Lowell Little, "Embouchure Builder"; Arban, "Method for Trombone" (interval and chord studies). Representative études including Arban, "Method for Trombone" (rhythm studies); Getchell, "Second Book of Practical Studies for Tuba"; Cimera, "73 Advanced Tuba Studies"; Kopprasch, "60 Selected Studies" (trombone, book 1); Rochut, "Melodious Études" (trombone, book 1); Tyrell, "Advanced Studies for the BB-flat Tuba." Representative repertoire including "Concert Album for Tuba" (edited by Ostrander); Walters, "Terantelle"; Sowerby, "Chaconne"; Beaucamp, "Cortege"; Cohen, Romance and Scherzo; Buchtel, Introduction and Rondo; plus selected band and orchestral excerpts.

1 Credit

PFMJ 14300 Percussion I - Music Majors (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 14301 Percussion I - Music Minors (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor.

1 Credit

PFMJ 14302 Percussion I - Secondary Instrument (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor.

1 Credit

PFMJ 14500 Drum Set I - Music Majors (NLA)

Private instruction in drum set, including technical exercises such as Stone and Reed variations, patterns that include the integration of hands with feet, subdivision exercises, as well as Houghton reading variations. Early 20th century style repertoire may include Dodds and Jones and mid-20th century styles may include Jones, Roach, and Haynes. Variations in repertoire and techniques may occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular styles. (F,S,U,Y)

1-4 Credits

PFMJ 14501 Drum Set I - Minors (NLA)

Private instruction in drum set, including technical exercises such as Stone and Reed variations, patterns that include the integration of hands with feet, subdivision exercises, as well as Houghton reading variations. Early 20th century style repertoire may include Dodds and Jones and mid-20th century styles may include Jones, Roach, and Haynes. Variations in repertoire and techniques may occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular styles. (F,S,U,Y)

1-4 Credits

PFMJ 14502 Drum Set I - Secondary Instrument (NLA)

Private instruction in drum set, including technical exercises such as Stone and Reed variations, patterns that include the integration of hands with feet, subdivision exercises, as well as Houghton reading variations. Early 20th century style repertoire may include Dodds and Jones and mid-20th century styles may include Jones, Roach, and Haynes. Variations in repertoire and techniques may occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular styles. (F,S,U,Y)

1 Credit

PFMJ 16300 Electric Bass I - Music Majors (NLA)

Basic chord progressions and harmonic motion; nomenclature, arpeggios (triadic and seventh chords); standard cadential formulas; basic technique; holding position; types of right-hand strokes ("rest stroke" and "free stroke"); major scales in 12 keys; modes of the major scale; bass-line building and construction; fast-moving chord changes; longer-value chord progressions; two-beat and "walking" four-beat styles; rhythm changes; tune repertoire, both melodically and in terms of bass line. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 16301 Electric Bass I - Music Minors (NLA)

Basic chord progressions and harmonic motion; nomenclature, arpeggios (triadic and seventh chords); standard cadential formulas; basic technique; holding position; types of right-hand strokes ("rest stroke" and "free stroke"); major scales in 12 keys; modes of the major scale; bass-line building and construction; fast-moving chord changes; longer-value chord progressions; two-beat and "walking" four-beat styles; rhythm changes; tune repertoire, both melodically and in terms of bass line.

1-3 Credits

PFMJ 16302 Electric Bass I - Secondary Instrument (NLA)

Basic chord progressions and harmonic motion; nomenclature, arpeggios (triadic and seventh chords); standard cadential formulas; basic technique; holding position; types of right-hand strokes ("rest stroke" and "free stroke"); major scales in 12 keys; modes of the major scale; bass-line building and construction; fast-moving chord changes; longer-value chord progressions; two-beat and "walking" four-beat styles; rhythm changes; tune repertoire, both melodically and in terms of bass line.

1 Credit

PFMJ 19900 Performance Repertoire and Pedagogy (NLA)

Students meet weekly as a group with their performance study teacher to perform repertoire and discuss performance technique and pedagogy. Pass/fail only. (F-S)

0.5 Credit

PFMJ 20100 Voice II - Music Majors (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce." Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 20101 Voice II - Music Minors

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce."

1 Credit

PFMJ 20102 Voice II - Secondary Instrument (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce."

1 Credit

PFMJ 20300 Piano II - Music Majors (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable Credit. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 20301 Piano II - Music Minors (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable credit.

1 Credit

PFMJ 20302 Piano II - Secondary Instrument (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable credit.

1 Credit

PFMJ 20500 Organ II - Music Majors (NLA)

Continuation of technical studies. Bach, "Trio Sonatas" and intermediate preludes and fugues such as BWV 537. Works of Buxtehude and early French composers, with attention to historical performance practice. Easier 19th-century works, such as Franck, "Cantabile." Basic church music skills; accompanying and conducting from the keyboard. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 20501 Organ II - Music Minors (NLA)

Continuation of technical studies. Bach, "Trio Sonatas" and intermediate preludes and fugues such as BWV 537. Works of Buxtehude and early French composers, with attention to historical performance practice. Easier 19th-century works, such as Franck, "Cantabile." Basic church music skills; accompanying and conducting from the keyboard.

1 Credit

PFMJ 20502 Organ II - Secondary Instrument (NLA)

Continuation of technical studies. Bach, "Trio Sonatas" and intermediate preludes and fugues such as BWV 537. Works of Buxtehude and early French composers, with attention to historical performance practice. Easier 19th-century works, such as Franck, "Cantabile." Basic church music skills; accompanying and conducting from the keyboard.

1 Credit

PFMJ 20700 Harpsichord II - Music Majors (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingerings, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 20701 Harpsichord II - Music Minors (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice.

1 Credit

PFMJ 20702 Harpsichord II - Secondary Instrument (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice.

1 Credit

PFMJ 20900 Violin II - Music Majors (NLA)

Technique based on Carl Flesch's "Scale System" and Ivan Galamian's "Contemporary Violin Technique." Continuation of all first-year technique, with the addition of accelerated pattern for scales, all three-octave whole tone scales, double stops, and all one-string systems. Continuation of bowing and shifting technique, with emphasis placed on vibrato development. Representative études including Sevcik, Dont, Fiorillo, and Kreutzer. Representative repertoire including concerti by Mozart, Bruch, Lalo, Haydn, and Kabalevsky; solo sonatas and partitas by Bach; sonatas by Mozart, Dvorak, Beethoven, Schumann, and Leclair; and pieces by Kreisler, Bartók, and Beethoven. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 20901 Violin II - Music Minors (NLA)

Technique based on Carl Flesch's "Scale System" and Ivan Galamian's "Contemporary Violin Technique." Continuation of all first-year technique, with the addition of accelerated pattern for scales, all three-octave whole tone scales, double stops, and all one-string systems. Continuation of bowing and shifting technique, with emphasis placed on vibrato development. Representative études including Sevcik, Dont, Fiorillo, and Kreutzer. Representative repertoire including concerti by Mozart, Bruch, Lalo, Haydn, and Kabalevsky; solo sonatas and partitas by Bach; sonatas by Mozart, Dvorak, Beethoven, Schumann, and Leclair; and pieces by Kreisler, Bartók, and Beethoven.

1 Credit

PFMJ 20902 Violin II - Secondary Instrument (NLA)

Technique based on Carl Flesch's "Scale System" and Ivan Galamian's "Contemporary Violin Technique." Continuation of all first-year technique, with the addition of accelerated pattern for scales, all three-octave whole tone scales, double stops, and all one-string systems. Continuation of bowing and shifting technique, with emphasis placed on vibrato development. Representative études including Sevcik, Dont, Fiorillo, and Kreutzer. Representative repertoire including concerti by Mozart, Bruch, Lalo, Haydn, and Kabalevsky; solo sonatas and partitas by Bach; sonatas by Mozart, Dvorak, Beethoven, Schumann, and Leclair; and pieces by Kreisler, Bartók, and Beethoven.

1 Credit

PFMJ 21100 Viola II - Music Majors (NLA)

Continuation of technical work. Vibrato development; bowing techniques using Sevcik, op. 2, pt. 3; furtherance of fingerboard knowledge through Sevcik, op. 1, pt. 3; Flesch, "Scale System," as before, adding new scales, arpeggios, and scales in double stops. Viola ensemble. Studies from Bruni, Rode, and Campagnoli. Repertoire from Stamitz; Zelter; Hoffmeister concertos; J. H. Roman, "Assaggio"; Bloch, "Suite Hébraïque"; Milhaud, "Quatre Visages"; Bach, "Brandenburg" Concerto no. 6. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 21101 Viola II - Music Minors (NLA)

Continuation of technical work. Vibrato development; bowing techniques using Sevcik, op. 2, pt. 3; furtherance of fingerboard knowledge through Sevcik, op. 1, pt. 3; Flesch, "Scale System," as before, adding new scales, arpeggios, and scales in double stops. Viola ensemble. Studies from Bruni, Rode, and Campagnoli. Repertoire from Stamitz; Zelter; Hoffmeister concertos; J. H. Roman, "Assaggio"; Bloch, "Suite Hébraïque"; Milhaud, "Quatre Visages"; Bach, "Brandenburg" Concerto no. 6.

1 Credit

PFMJ 21102 Viola II - Secondary Instrument (NLA)

Continuation of technical work. Vibrato development; bowing techniques using Sevcik, op. 2, pt. 3; furtherance of fingerboard knowledge through Sevcik, op. 1, pt. 3; Flesch, "Scale System," as before, adding new scales, arpeggios, and scales in double stops. Viola ensemble. Studies from Bruni, Rode, and Campagnoli. Repertoire from Stamitz; Zelter; Hoffmeister concertos; J. H. Roman, "Assaggio"; Bloch, "Suite Hébraïque"; Milhaud, "Quatre Visages"; Bach, "Brandenburg" Concerto no. 6.

1 Credit

PFMJ 21300 Cello II - Music Majors (NLA)

Continued study of scales (four octaves), solid thirds, sixths, octaves. Bowing methods and types; principles of modern shifting; and practice habits. Representative études, such as Duport, "Twenty-One Études," through Franchomme, "Caprices"; Feuillard, "Daily Exercises"; Popper, "High School of Cello Playing." Representative repertoire including Bach, Suites; Beethoven and Brahms sonatas; concerti of Elgar, C. P. E. Bach, and Kabalevsky; 20th-century pieces. Performance of solo and cello ensemble repertoire. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 21301 Cello II - Music Minors (NLA)

Continued study of scales (four octaves), solid thirds, sixths, octaves. Bowing methods and types; principles of modern shifting; and practice habits. Representative études, such as Duport, "Twenty-One Études," through Franchomme, "Caprices"; Feuillard, "Daily Exercises"; Popper, "High School of Cello Playing." Representative repertoire including Bach, Suites; Beethoven and Brahms sonatas; concerti of Elgar, C. P. E. Bach, and Kabalevsky; 20th-century pieces. Performance of solo and cello ensemble repertoire.

1 Credit

PFMJ 21302 Cello II - Secondary Instrument (NLA)

Continued study of scales (four octaves), solid thirds, sixths, octaves. Bowing methods and types; principles of modern shifting; and practice habits. Representative études, such as Duport, "Twenty-One Études," through Franchomme, "Caprices"; Feuillard, "Daily Exercises"; Popper, "High School of Cello Playing." Representative repertoire including Bach, Suites; Beethoven and Brahms sonatas; concerti of Elgar, C. P. E. Bach, and Kabalevsky; 20th-century pieces. Performance of solo and cello ensemble repertoire.

1 Credit

PFMJ 21500 Double Bass II - Music Majors (NLA)

Technique including all scales in two and three octaves; chromatic scales and arpeggios. Bowing studies from Sturm, "110 Studies." Study of Simandl, "New Method for Double Bass," book 2, and Storch-Hrabe, "57 Études." Solo repertoire chosen from works by Eccles, Koussevitzky, Dragonetti, and others. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 21501 Double Bass II - Music Minors (NLA)

Technique including all scales in two and three octaves; chromatic scales and arpeggios. Bowing studies from Sturm, "110 Studies." Study of Simandl, "New Method for Double Bass," book 2, and Storch-Hrabe, "57 Études." Solo repertoire chosen from works by Eccles, Koussevitzky, Dragonetti, and others.

1 Credit

PFMJ 21502 Double Bass II - Secondary Instrument (NLA)

Technique including all scales in two and three octaves; chromatic scales and arpeggios. Bowing studies from Sturm, "110 Studies." Study of Simandl, "New Method for Double Bass," book 2, and Storch-Hrabe, "57 Études." Solo repertoire chosen from works by Eccles, Koussevitzky, Dragonetti, and others.

1 Credit

PFMJ 21700 Classical Guitar II - Music Majors (NLA)

Solo repertoire from 16th-century lutenists to contemporary composers, including da Milano, Narvaez, Milan, Cutting, Dowland, Corbetta, Sanz, Bach, Weiss, Sor, Giuliani, Aguado, Tarrega, Ponce, Turina, Moreno-Torroba, Rodrigo, Britten, and Berkeley. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 21701 Classical Guitar II - Music Minors (NLA)

Solo repertoire from 16th-century lutenists to contemporary composers, including da Milano, Narvaez, Milan, Cutting, Dowland, Corbetta, Sanz, Bach, Weiss, Sor, Giuliani, Aguado, Tarrega, Ponce, Turina, Moreno-Torroba, Rodrigo, Britten, and Berkeley.

1 Credit

PFMJ 21702 Classical Guitar II - Secondary Instrument (NLA)

Solo repertoire from 16th-century lutenists to contemporary composers, including da Milano, Narvaez, Milan, Cutting, Dowland, Corbetta, Sanz, Bach, Weiss, Sor, Giuliani, Aguado, Tarrega, Ponce, Turina, Moreno-Torroba, Rodrigo, Britten, and Berkeley.

1 Credit

PFMJ 21900 Jazz Guitar II - Music Majors (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc. Emphasis is placed on style periods and idiomatic playing. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 21901 Jazz Guitar II - Music Minors (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc. Emphasis is placed on style periods and idiomatic playing.

1 Credit

PFMJ 21902 Jazz Guitar II - Secondary Instrument (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc. Emphasis is placed on style periods and idiomatic playing.

1 Credit

PFMJ 22100 Flute II - Music Majors (NLA)

Taffanel-Gaubert, "17 Daily Exercises"; Marcel Moyse, "De la Sonorité"; Trevor Wye, "Practice Book no. 1 – Tone." Harmonics, vibrato, and tone color. Representative études including Andersen, "18 Studies," op. 41; Andersen, "24 Exercises," op. 33; and Berbiguier, "18 Exercises." Representative repertoire including Debussy, Syrinx; Handel sonatas; Bach sonatas; Bloch, "Suite Modale"; selections from flute music by French composers. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 22101 Flute II - Music Minors (NLA)

Taffanel-Gaubert, "17 Daily Exercises"; Marcel Moyse, "De la Sonorité"; Trevor Wye, "Practice Book no. 1 – Tone." Harmonics, vibrato, and tone color. Representative études including Andersen, "18 Studies," op. 41; Andersen, "24 Exercises," op. 33; and Berbiguier, "18 Exercises." Representative repertoire including Debussy, Syrinx; Handel sonatas; Bach sonatas; Bloch, "Suite Modale"; selections from flute music by French composers.

1 Credit

PFMJ 22102 Flute II - Secondary Instrument (NLA)

Taffanel-Gaubert, "17 Daily Exercises"; Marcel Moyse, "De la Sonorité"; Trevor Wye, "Practice Book no. 1 – Tone." Harmonics, vibrato, and tone color. Representative études including Andersen, "18 Studies," op. 41; Andersen, "24 Exercises," op. 33; and Berbiguier, "18 Exercises." Representative repertoire including Debussy, Syrinx; Handel sonatas; Bach sonatas; Bloch, "Suite Modale"; selections from flute music by French composers.

1 Credit

PFMJ 22300 Oboe II - Music Majors (NLA)

Technique continued, including long tones and scales as before. Études include articulation scale patterns (transposed), 12 articulation studies, and sonatas from Barret. Representative repertoire includes Handel and Telemann sonatas, the Comarosa-Benjamin Concerto, C. P. E. Bach concertos, and the "Piston Suite." Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 22301 Oboe II - Music Minors (NLA)

Technique continued, including long tones and scales as before. Études include articulation scale patterns (transposed), 12 articulation studies, and sonatas from Barret. Representative repertoire includes Handel and Telemann sonatas, the Comarosa-Benjamin Concerto, C. P. E. Bach concertos, and the "Piston Suite."

1 Credit

PFMJ 22302 Oboe II - Secondary Instrument

Technique continued, including long tones and scales as before. Études include articulation scale patterns (transposed), 12 articulation studies, and sonatas from Barret. Representative repertoire includes Handel and Telemann sonatas, the Comarosa-Benjamin Concerto, C. P. E. Bach concertos, and the "Piston Suite."

1 Credit

PFMJ 22500 Clarinet II - Music Majors (NLA)

Continued refinement of all fundamentals. Bender-Jettel, "Scale Exercises"; Baermann, "Method," part III; Stubbins, "Essentials of Technical Dexterity." Representative études including Rose, "32 Études"; Rose-Rode, "20 Grandes Études"; Stark, "Arpeggio Studies"; Baermann, books IV and V. Representative repertoire including Marty, "1st Fantasia"; Templeton, "Pocket Size Sonata"; Gallois-Montbrun, "Six Pièces Musicales"; Arnold, Sonatina; "Solos de Concours" by Rabaud and Messenger; Spohr, "Six German Songs"; Widor, Introduction and Rondo; Schumann, "Fantasiestücke"; Weber concerti; sonatas by Saint-Saëns, Bernstein, Bax, Etler, and Hindemith. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 22501 Clarinet II - Music Minors (NLA)

Continued refinement of all fundamentals. Bender-Jettel, "Scale Exercises"; Baermann, "Method," part III; Stubbins, "Essentials of Technical Dexterity." Representative études including Rose, "32 Études"; Rose-Rode, "20 Grandes Études"; Stark, "Arpeggio Studies"; Baermann, books IV and V. Representative repertoire including Marty, "1st Fantasia"; Templeton, "Pocket Size Sonata"; Gallois-Montbrun, "Six Pièces Musicales"; Arnold, Sonatina; "Solos de Concours" by Rabaud and Messenger; Spohr, "Six German Songs"; Widor, Introduction and Rondo; Schumann, "Fantasiestücke"; Weber concerti; sonatas by Saint-Saëns, Bernstein, Bax, Etler, and Hindemith. 1 Credit

PFMJ 22502 Clarinet II - Secondary Instrument (NLA)

Continued refinement of all fundamentals. Bender-Jettel, "Scale Exercises"; Baermann, "Method," part III; Stubbins, "Essentials of Technical Dexterity." Representative études including Rose, "32 Études"; Rose-Rode, "20 Grandes Études"; Stark, "Arpeggio Studies"; Baermann, books IV and V. Representative repertoire including Marty, "1st Fantasia"; Templeton, "Pocket Size Sonata"; Gallois-Montbrun, "Six Pièces Musicales"; Arnold, Sonatina; "Solos de Concours" by Rabaud and Messenger; Spohr, "Six German Songs"; Widor, Introduction and Rondo; Schumann, "Fantasiestücke"; Weber concerti; sonatas by Saint-Saëns, Bernstein, Bax, Etler, and Hindemith. 1 Credit

PFMJ 22700 Bassoon II - Music Majors (NLA)

All major and minor scales (80 mm). All scales in thirds. Chord study. Articulations (slur two-tongue; tongue one-slur two-tongue two; slur three-tongue one, etc.). Chord cycle of I-IV-V((7))-I. Representative études including Kopprasch, books I and II; Oubradous, "Methods I"; Piard, "Methods I." Representative repertoire including Ferdinand David, "Concertino," op. 12; Galliard, "Six Sonatas for Bassoon and Piano"; Milde, Andante and Rondo; Pierne, "Concert Piece"; Burrill Phillips, "Concert Piece"; Vivaldi, concerti in A minor and B minor, Sonata in A Minor. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 22701 Bassoon II - Music Minors (NLA)

All major and minor scales (80 mm). All scales in thirds. Chord study. Articulations (slur two-tongue; tongue one-slur two-tongue two; slur three-tongue one, etc.). Chord cycle of I-IV-V((7))-I. Representative études including Kopprasch, books I and II; Oubradous, "Methods I"; Piard, "Methods I." Representative repertoire including Ferdinand David, "Concertino," op. 12; Galliard, "Six Sonatas for Bassoon and Piano"; Milde, Andante and Rondo; Pierne, "Concert Piece"; Burrill Phillips, "Concert Piece"; Vivaldi, concerti in A minor and B minor, Sonata in A Minor. 1 Credit

PFMJ 22702 Bassoon II - Secondary Instrument (NLA)

All major and minor scales (80 mm). All scales in thirds. Chord study. Articulations (slur two-tongue; tongue one-slur two-tongue two; slur three-tongue one, etc.). Chord cycle of I-IV-V((7))-I. Representative études including Kopprasch, books I and II; Oubradous, "Methods I"; Piard, "Methods I." Representative repertoire including Ferdinand David, "Concertino," op. 12; Galliard, "Six Sonatas for Bassoon and Piano"; Milde, Andante and Rondo; Pierne, "Concert Piece"; Burrill Phillips, "Concert Piece"; Vivaldi, concerti in A minor and B minor, Sonata in A Minor. 1 Credit

PFMJ 22900 Saxophone II - Music Majors (NLA)

Technique including L. Teal, "Saxophonist's Workbook"; S. Rascher and R. Lang, altissimo studies; J. M. Londeix, intonation studies; Giamperi, "Daily Studies." Études including C. Koechlin, "Études"; W. Schmidt, "Contemporary Études"; and continued work in previous methods. Representative repertoire including various transcriptions; P. Creston, Sonata; L. Van Delden, Sonatina; H. Villa-Lobos, "Fantasia"; W. Benson, "Aeolian Song"; P. Maurice, "Tableaux de Provence"; A. Glazunov, Concerto in E-flat; L. Lunde, Sonata; and various chamber works. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 22901 Saxophone II - Music Minors (NLA)

Technique including L. Teal, "Saxophonist's Workbook"; S. Rascher and R. Lang, altissimo studies; J. M. Londeix, intonation studies; Giamperi, "Daily Studies." Études including C. Koechlin, "Études"; W. Schmidt, "Contemporary Études"; and continued work in previous methods. Representative repertoire including various transcriptions; P. Creston, Sonata; L. Van Delden, Sonatina; H. Villa-Lobos, "Fantasia"; W. Benson, "Aeolian Song"; P. Maurice, "Tableaux de Provence"; A. Glazunov, Concerto in E-flat; L. Lunde, Sonata; and various chamber works. 1 Credit

PFMJ 22902 Saxophone II - Secondary Instrument (NLA)

Technique including L. Teal, "Saxophonist's Workbook"; S. Rascher and R. Lang, altissimo studies; J. M. Londeix, intonation studies; Giamperi, "Daily Studies." Études including C. Koechlin, "Études"; W. Schmidt, "Contemporary Études"; and continued work in previous methods. Representative repertoire including various transcriptions; P. Creston, Sonata; L. Van Delden, Sonatina; H. Villa-Lobos, "Fantasia"; W. Benson, "Aeolian Song"; P. Maurice, "Tableaux de Provence"; A. Glazunov, Concerto in E-flat; L. Lunde, Sonata; and various chamber works. 1 Credit

PFMJ 23100 French Horn II - Music Majors (NLA)

Technique including lip slurs covering two octaves and all major scales in broken thirds, fourths, and fifths. Transposition to E-flat, C, D, G, E, and A horn. Stopped horn technique. Representative études including Brahms, "10 Études"; Chaynes, "15 Études"; Bozza, "Improvisational Studies"; Bach, Cello Suites (bass clef); and orchestral excerpts from the standard repertoire. Representative solo repertoire including Mozart, Concerto no. 4; Saint-Saëns, "Morceau de Concert"; Strauss, Concerto no. 1; Heiden, Sonata; Adler, Sonata; and Goedicke, Concerto. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 23101 French Horn II - Music Minors (NLA)

Technique including lip slurs covering two octaves and all major scales in broken thirds, fourths, and fifths. Transposition to E-flat, C, D, G, E, and A horn. Stopped horn technique. Representative études including Brahms, "10 Études"; Chaynes, "15 Études"; Bozza, "Improvisational Studies"; Bach, Cello Suites (bass clef); and orchestral excerpts from the standard repertoire. Representative solo repertoire including Mozart, Concerto no. 4; Saint-Saëns, "Morceau de Concert"; Strauss, Concerto no. 1; Heiden, Sonata; Adler, Sonata; and Goedicke, Concerto.

1 Credit

PFMJ 23102 French Horn II - Secondary Instrument (NLA)

Technique including lip slurs covering two octaves and all major scales in broken thirds, fourths, and fifths. Transposition to E-flat, C, D, G, E, and A horn. Stopped horn technique. Representative études including Brahms, "10 Études"; Chaynes, "15 Études"; Bozza, "Improvisational Studies"; Bach, Cello Suites (bass clef); and orchestral excerpts from the standard repertoire. Representative solo repertoire including Mozart, Concerto no. 4; Saint-Saëns, "Morceau de Concert"; Strauss, Concerto no. 1; Heiden, Sonata; Adler, Sonata; and Goedicke, Concerto.

1 Credit

PFMJ 23300 Trumpet II - Music Majors (NLA)

Tonal and technical development using Schlossberg, "Daily Drills"; and Clarke, "Technical Studies." All major and minor scales in diatonic patterns, double-tongued, and in thirds. Begin study of the C trumpet. Transposition from Caffarelli, "100 Studi Melodici"; contemporary rhythms from Gates, "Odd-Meter Études"; and Small, "27 Melodious and Rhythmical Studies"; other études from Balasanyan (Foveau), "20 Studies," and Gisondi, "Bach for the Trumpet." Orchestral studies from Vartold, vol. I and II, including memorization of standard solo passages. Solo repertoire including Barat, Andante et Scherzo; Gabaye, "Boutade"; Flor Peeters, Sonata; Purcell, Sonata; Gabrieli, Sonata V; and Stanley, Concerto. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 23301 Trumpet II - Music Minors (NLA)

Tonal and technical development using Schlossberg, "Daily Drills"; and Clarke, "Technical Studies." All major and minor scales in diatonic patterns, double-tongued, and in thirds. Begin study of the C trumpet. Transposition from Caffarelli, "100 Studi Melodici"; contemporary rhythms from Gates, "Odd-Meter Études"; and Small, "27 Melodious and Rhythmical Studies"; other études from Balasanyan (Foveau), "20 Studies," and Gisondi, "Bach for the Trumpet." Orchestral studies from Vartold, vol. I and II, including memorization of standard solo passages. Solo repertoire including Barat, Andante et Scherzo; Gabaye, "Boutade"; Flor Peeters, Sonata; Purcell, Sonata; Gabrieli, Sonata V; and Stanley, Concerto.

1 Credit

PFMJ 23302 Trumpet II - Secondary Instrument (NLA)

Tonal and technical development using Schlossberg, "Daily Drills"; and Clarke, "Technical Studies." All major and minor scales in diatonic patterns, double-tongued, and in thirds. Begin study of the C trumpet. Transposition from Caffarelli, "100 Studi Melodici"; contemporary rhythms from Gates, "Odd-Meter Études"; and Small, "27 Melodious and Rhythmical Studies"; other études from Balasanyan (Foveau), "20 Studies," and Gisondi, "Bach for the Trumpet." Orchestral studies from Vartold, vol. I and II, including memorization of standard solo passages. Solo repertoire including Barat, Andante et Scherzo; Gabaye, "Boutade"; Flor Peeters, Sonata; Purcell, Sonata; Gabrieli, Sonata V; and Stanley, Concerto.

1 Credit

PFMJ 23500 Tenor Trombone II - Music Majors (NLA)

Continued concentration on sound development, plus expansion of range to instrument's full capabilities. Representative études for technique and reading skills include Smith, "Slide Exercises"; Rochut, "Melodious Études"; and Kahils, "Clef Studies." Solo repertoire includes Marcello, Bozza, Saint-Saëns, Dubois, Serocki, Davison, Jacob, Grondahl, Frackenpohl, and Larsson. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 23501 Tenor Trombone II - Music Minors (NLA)

Continued concentration on sound development, plus expansion of range to instrument's full capabilities. Representative études for technique and reading skills include Smith, "Slide Exercises"; Rochut, "Melodious Études"; and Kahils, "Clef Studies." Solo repertoire includes Marcello, Bozza, Saint-Saëns, Dubois, Serocki, Davison, Jacob, Grondahl, Frackenpohl, and Larsson.

1 Credit

PFMJ 23502 Tenor Trombone II - Secondary Instrument (NLA)

Continued concentration on sound development, plus expansion of range to instrument's full capabilities. Representative études for technique and reading skills include Smith, "Slide Exercises"; Rochut, "Melodious Études"; and Kahils, "Clef Studies." Solo repertoire includes Marcello, Bozza, Saint-Saëns, Dubois, Serocki, Davison, Jacob, Grondahl, Frackenpohl, and Larsson.

1 Credit

PFMJ 23700 Bass Trombone II - Music Majors (NLA)

Continued concentration on sound development, plus expansion of range to instrument's full capabilities. Representative études for technique and reading skills include Smith, "Slide Exercises"; Fink, "Studies in Legato"; and Blume-Fink, "Studies for Trombone with F Attachment." Solo repertoire includes Telemann, Defay, Wilder, and Lebedev. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 23701 Bass Trombone II - Music Minors (NLA)

Continued concentration on sound development, plus expansion of range to instrument's full capabilities. Representative études for technique and reading skills include Smith, "Slide Exercises"; Fink, "Studies in Legato"; and Blume-Fink, "Studies for Trombone with F Attachment." Solo repertoire includes Telemann, Defay, Wilder, and Lebedev.

1 Credit

PFMJ 23702 Bass Trombone II - Secondary Instrument (NLA)

Continued concentration on sound development, plus expansion of range to instrument's full capabilities. Representative études for technique and reading skills include Smith, "Slide Exercises"; Fink, "Studies in Legato"; and Blume-Fink, "Studies for Trombone with F Attachment." Solo repertoire includes Telemann, Defay, Wilder, and Lebedev.

1 Credit

PFMJ 23900 Euphonium II - Music Majors (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scale interval, chord, double- and triple-tonguing studies. All major and minor scales and arpeggios from memory (two octaves) and Clarke, "Technical Studies" (Series II). Representative études including Arban, "Method for Trombone," characteristic studies; Kopprasch, "60 Selected Studies" (book 1); Rochut, "Melodious Études" (trombone, book 1); and Tyrell, "40 Advanced Studies for Trombone." Representative repertoire including Weber-Hock, "Fantasi" a; David, Concertino; Bellstedt, "Mandolinata"; Vidal, Concertino; Busch, Recitative, Arioso, and Polonaise; Gottwald, "Fantasie Héroïque," op. 25; plus selected band excerpts. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 23901 Euphonium II - Music Minors (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scale interval, chord, double- and triple-tonguing studies. All major and minor scales and arpeggios from memory (two octaves) and Clarke, "Technical Studies" (Series II). Representative études including Arban, "Method for Trombone," characteristic studies; Kopprasch, "60 Selected Studies" (book 1); Rochut, "Melodious Études" (trombone, book 1); and Tyrell, "40 Advanced Studies for Trombone." Representative repertoire including Weber-Hock, "Fantasi" a; David, Concertino; Bellstedt, "Mandolinata"; Vidal, Concertino; Busch, Recitative, Arioso, and Polonaise; Gottwald, "Fantasie Héroïque," op. 25; plus selected band excerpts.

1 Credit

PFMJ 23902 Euphonium II - Secondary Instrument (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scale interval, chord, double- and triple-tonguing studies. All major and minor scales and arpeggios from memory (two octaves) and Clarke, "Technical Studies" (Series II). Representative études including Arban, "Method for Trombone," characteristic studies; Kopprasch, "60 Selected Studies" (book 1); Rochut, "Melodious Études" (trombone, book 1); and Tyrell, "40 Advanced Studies for Trombone." Representative repertoire including Weber-Hock, "Fantasi" a; David, Concertino; Bellstedt, "Mandolinata"; Vidal, Concertino; Busch, Recitative, Arioso, and Polonaise; Gottwald, "Fantasie Héroïque," op. 25; plus selected band excerpts.

1 Credit

PFMJ 24100 Tuba II - Music Majors (NLA)

Technique including W. Bell, "Tuba Warmups" (part 1); Schlossberg, "Daily Drills and Technical Studies for Trombone" (bass clef); Arban, "Method for Trombone" (scale, chord, and interval studies). All major and minor scales and arpeggios from memory (two octaves). Introduction to double- and triple-tonguing (Arban). Representative études including Cimera, "73 Advanced Tuba Studies"; Kopprasch, "60 Selected Studies" (book 1); Tyrell, "Advanced Studies for the BB-flat Tuba"; W. Bell, "Tuba Warmups" (book 2, "Blazevich Interpretations"); Eby, "BB-flat Bass Method" (part 1). Representative repertoire including Painpare, "Concert Piece"; Bach-Bell, "Air and Bourrée"; Troje-Miller, "Sonatina Classica"; Sabathhill, "Divertissement"; Hume, "Te Anau"; Spillman, "Two Songs"; plus selected band and orchestral excerpts. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 24101 Tuba II - Music Minors (NLA)

Technique including W. Bell, "Tuba Warmups" (part 1); Schlossberg, "Daily Drills and Technical Studies for Trombone" (bass clef); Arban, "Method for Trombone" (scale, chord, and interval studies). All major and minor scales and arpeggios from memory (two octaves). Introduction to double- and triple-tonguing (Arban). Representative études including Cimera, "73 Advanced Tuba Studies"; Kopprasch, "60 Selected Studies" (book 1); Tyrell, "Advanced Studies for the BB-flat Tuba"; W. Bell, "Tuba Warmups" (book 2, "Blazevich Interpretations"); Eby, "BB-flat Bass Method" (part 1). Representative repertoire including Painpare, "Concert Piece"; Bach-Bell, "Air and Bourrée"; Troje-Miller, "Sonatina Classica"; Sabathhill, "Divertissement"; Hume, "Te Anau"; Spillman, "Two Songs"; plus selected band and orchestral excerpts.

1 Credit

PFMJ 24102 Tuba II - Secondary Instrument (NLA)

Technique including W. Bell, "Tuba Warmups" (part 1); Schlossberg, "Daily Drills and Technical Studies for Trombone" (bass clef); Arban, "Method for Trombone" (scale, chord, and interval studies). All major and minor scales and arpeggios from memory (two octaves). Introduction to double- and triple-tonguing (Arban). Representative études including Cimera, "73 Advanced Tuba Studies"; Kopprasch, "60 Selected Studies" (book 1); Tyrell, "Advanced Studies for the BB-flat Tuba"; W. Bell, "Tuba Warmups" (book 2, "Blazevich Interpretations"); Eby, "BB-flat Bass Method" (part 1). Representative repertoire including Painpare, "Concert Piece"; Bach-Bell, "Air and Bourrée"; Troje-Miller, "Sonatina Classica"; Sabathhill, "Divertissement"; Hume, "Te Anau"; Spillman, "Two Songs"; plus selected band and orchestral excerpts.

1 Credit

PFMJ 24300 Percussion II - Music Majors (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 24301 Percussion II - Music Minors (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor.

1 Credit

PFMJ 24302 Percussion II - Secondary Instrument (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor.

1 Credit

PFMJ 24500 Drum Set II - Music Majors (NLA)

Continued private instruction in drum set. Technique expansion may include Stone and Reed Afro-Cuban variations, contemporary Plainfield style variations and solo concepts. Sight-reading techniques will be broadened. Variations may occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular styles. Corequisite: PFMJ 19900. (F,S,U,Y)

1-4 Credits

PFMJ 24501 Drum Set II - Minors (NLA)

Continued private instruction in drum set. Technique expansion may include Stone and Reed Afro-Cuban variations, contemporary Plainfield style variations and solo concepts. Sight-reading techniques will be broadened. Variations may occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular styles.

1-4 Credits

PFMJ 26300 Electric Bass II - Music Majors (NLA)

More complex harmonic motion tune types; basic substitute chords and implied harmonies; continuation of technical devices; 9th chords; 11th chords; 13th chords; time feel; introduction of other styles, e.g., samba, mambo, 8th-note, 16th-note, "rock"; more tune repertoire; more line construction, transcribing; modal harmony. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 26301 Electric Bass II - Music Minors (NLA)

More complex harmonic motion tune types; basic substitute chords and implied harmonies; continuation of technical devices; 9th chords; 11th chords; 13th chords; time feel; introduction of other styles, e.g., samba, mambo, 8th-note, 16th-note, "rock"; more tune repertoire; more line construction, transcribing; modal harmony.

1 Credit

PFMJ 26302 Electric Bass II - Secondary Instrument (NLA)

More complex harmonic motion tune types; basic substitute chords and implied harmonies; continuation of technical devices; 9th chords; 11th chords; 13th chords; time feel; introduction of other styles, e.g., samba, mambo, 8th-note, 16th-note, "rock"; more tune repertoire; more line construction, transcribing; modal harmony.

1 Credit

PFMJ 30100 Voice III - Music Majors (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce." Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 30102 Voice III - Secondary Instrument (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce."

1 Credit

PFMJ 30300 Piano III - Music Majors (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable Credit. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 30302 Piano III - Secondary Instrument (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable credit.

1 Credit

PFMJ 30500 Organ III - Music Majors (NLA)

Bach, "Trio Sonatas," Schübler and Leipzig chorales, and the Weimar preludes and fugues; Franck, Prelude, Fugue, and Variation; Mendelssohn sonatas; Hindemith sonatas; works by Messiaen and other contemporary composers. Advanced church music skills: improvisation, modulation, hymn reharmonization. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 30502 Organ III - Secondary Instrument (NLA)

Bach, "Trio Sonatas," Schübler and Leipzig chorales, and the Weimar preludes and fugues; Franck, Prelude, Fugue, and Variation; Mendelssohn sonatas; Hindemith sonatas; works by Messiaen and other contemporary composers. Advanced church music skills: improvisation, modulation, hymn reharmonization.

1 Credit

PFMJ 30700 Harpsichord III - Music Majors (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 30702 Harpsichord III - Secondary Instrument (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice.

1 Credit

PFMJ 30900 Violin III - Music Majors (NLA)

Continuation of all previous technical work with the addition of harmonic octaves, thirds, and sixths. Representative études including Dancla, Dont, and Ricci. Representative repertoire including concerti by Mendelssohn, Wieniawski, Vieuxtemps, and Barber; solo sonatas and partitas by Bach; sonatas by Brahms, Ives, Tartini, Grieg, Fauré, and Beethoven; and pieces by Sarasate, Kreisler, Dvorák, and Vitali; and 20th-century works. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 30902 Violin III - Secondary Instrument (NLA)

Continuation of all previous technical work with the addition of harmonic octaves, thirds, and sixths. Representative études including Dancla, Dont, and Ricci. Representative repertoire including concerti by Mendelssohn, Wieniawski, Vieuxtemps, and Barber; solo sonatas and partitas by Bach; sonatas by Brahms, Ives, Tartini, Grieg, Fauré, and Beethoven; and pieces by Sarasate, Kreisler, Dvorák, and Vitali; and 20th-century works.

1 Credit

PFMJ 31100 Viola III - Music Majors (NLA)

Continuation of technical work. Flesch, "Scale System," as before; new scales and arpeggios; emphasis placed on increasing technical facility. Viola ensemble. Studies from Rode; Campagnoli; Fuchs, "Fifteen Characteristic Studies"; Paganini, "Sixty Variations," op. 14; Hermann, "Technical Studies"; Hoffmeister. Repertoire from Bach, "Violin Sonatas and Partitas"; Hindemith, op. 11, no. 4; Schumann, "Märchenbilder"; Milhaud, Sonata no. 1; Schubert, "Arpeggione" Sonata; Brahms, sonatas; 20th-century literature. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 31102 Viola III - Secondary Instrument (NLA)

Continuation of technical work. Flesch, "Scale System," as before; new scales and arpeggios; emphasis placed on increasing technical facility. Viola ensemble. Studies from Rode; Campagnoli; Fuchs, "Fifteen Characteristic Studies"; Paganini, "Sixty Variations," op. 14; Hermann, "Technical Studies"; Hoffmeister. Repertoire from Bach, "Violin Sonatas and Partitas"; Hindemith, op. 11, no. 4; Schumann, "Märchenbilder"; Milhaud, Sonata no. 1; Schubert, "Arpeggione" Sonata; Brahms, sonatas; 20th-century literature.

1 Credit

PFMJ 31300 Cello III - Music Majors (NLA)

Continued study of scales, arpeggios, solid intervals as before, and fourths and fifths with various bowing. Representative études as before, and Kreutzer-Silva, "42 Études"; Piatti, "12 Caprices." Representative repertoire including Bach, Suites; sonatas of Breval, Boccherini, Francaeur, Beethoven, Brahms, Barber, Debussy, Rachmaninoff; concerti of Schumann; Tchaikovsky, "Rococo Variations"; Bloch, "Schelomo." Performance of solo and cello ensemble repertoire. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 31302 Cello III - Secondary Instrument (NLA)

Continued study of scales, arpeggios, solid intervals as before, and fourths and fifths with various bowing. Representative études as before, and Kreutzer-Silva, "42 Études"; Piatti, "12 Caprices." Representative repertoire including Bach, Suites; sonatas of Breval, Boccherini, Francaeur, Beethoven, Brahms, Barber, Debussy, Rachmaninoff; concerti of Schumann; Tchaikovsky, "Rococo Variations"; Bloch, "Schelomo." Performance of solo and cello ensemble repertoire.

1 Credit

PFMJ 31500 Double Bass III - Music Majors (NLA)

Technique including all scales in two or three octaves with various rhythms and bowing patterns. Continued study of Simandl, "New Method for Double Bass," book 2; Bille, "New Method for Contrabass," part 2; Storch-Hrabe, "57 Études." Solo repertoire chosen from concerto repertoire of Koussevitzky, Vanhal, Cimador, and others. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 31502 Double Bass III - Secondary Instrument (NLA)

Technique including all scales in two or three octaves with various rhythms and bowing patterns. Continued study of Simandl, "New Method for Double Bass," book 2; Bille, "New Method for Contrabass," part 2; Storch-Hrabe, "57 Études." Solo repertoire chosen from concerto repertoire of Koussevitzky, Vanhal, Cimador, and others.

1 Credit

PFMJ 31700 Classical Guitar III - Music Majors (NLA)

Instruction in reading lute and baroque guitar tablatures; transcription of literature for keyboard, violin, cello, etc.; Renaissance and baroque ornamentation and performance practice; reading of figured bass and continuo playing. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 31702 Classical Guitar III - Secondary Instrument (NLA)

Instruction in reading lute and baroque guitar tablatures; transcription of literature for keyboard, violin, cello, etc.; Renaissance and baroque ornamentation and performance practice; reading of figured bass and continuo playing.

1 Credit

PFMJ 31900 Jazz Guitar III - Music Majors (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc. Emphasis is placed on style periods and idiomatic playing. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 31902 Jazz Guitar III - Secondary Instrument (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc.

Emphasis is placed on style periods and idiomatic playing.

1 Credit

PFMJ 32100 Flute III - Music Majors (NLA)

Taffanel-Gaubert, "17 Daily Exercises"; Marcel Moyse, "De la Sonorité"; Trevor Wye, "Practice Book no. 4 – Intonation." Articulation studies, including multiple tonguing. Representative études including Andersen, "24 Études," op. 21 and op. 30; and Demersemann, "50 Melodic Studies," op. 4. Representative repertoire including Honegger, "Danse de la Chèvre"; Telemann, "Twelve Fantasies"; Bach sonatas; Hindemith, Sonata; Mozart concertos; Poulenc, Sonata; and Quantz concertos. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 32102 Flute III - Secondary Instrument (NLA)

Taffanel-Gaubert, "17 Daily Exercises"; Marcel Moyse, "De la Sonorité"; Trevor Wye, "Practice Book no. 4 – Intonation." Articulation studies, including multiple tonguing. Representative études including Andersen, "24 Études," op. 21 and op. 30; and Demersemann, "50 Melodic Studies," op. 4. Representative repertoire including Honegger, "Danse de la Chèvre"; Telemann, "Twelve Fantasies"; Bach sonatas; Hindemith, Sonata; Mozart concertos; Poulenc, Sonata; and Quantz concertos.

1 Credit

PFMJ 32300 Oboe III - Music Majors (NLA)

Technique continued as before, including long tones for endurance, and scales and triads in all keys and in all note values. Études from Ferling and the "Vade Mecum." Representative repertoire selected from the Mozart, Graun, Stamitz, Fischer, and Vivaldi concertos, and the Saint-Saëns, Hindemith, and Poulenc sonatas. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 32302 Oboe III - Secondary Instrument (NLA)

Technique continued as before, including long tones for endurance, and scales and triads in all keys and in all note values. Études from Ferling and the "Vade Mecum." Representative repertoire selected from the Mozart, Graun, Stamitz, Fischer, and Vivaldi concertos, and the Saint-Saëns, Hindemith, and Poulenc sonatas.

1 Credit

PFMJ 32500 Clarinet III - Music Majors (NLA)

Hamglin, "Scales and Exercises." Representative études including Cavallini, "Thirty Caprices"; Stark, "24 Studies in all Tonalities"; Jeanjean, "16 Modern Études" and "18 Études"; Perier, "30 Études"; Uhl, "48 Études"; Voxman (ed.), "Classical Studies." Representative repertoire including Schubert, "The Shepherd on the Rock"; Milhaud, "Trio"; Stravinsky, "Three Pieces for Unaccompanied Clarinet"; Bozza, "Bucolique"; Bonade (ed.), "Orchestral Studies"; Spohr concerti; sonatas by Brahms and Poulenc; concertos by Hindemith and Mozart. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 32502 Clarinet III - Secondary Instrument (NLA)

Hamglin, "Scales and Exercises." Representative études including Cavallini, "Thirty Caprices"; Stark, "24 Studies in all Tonalities"; Jeanjean, "16 Modern Études" and "18 Études"; Perier, "30 Études"; Uhl, "48 Études"; Voxman (ed.), "Classical Studies." Representative repertoire including Schubert, "The Shepherd on the Rock"; Milhaud, "Trio"; Stravinsky, "Three Pieces for Unaccompanied Clarinet"; Bozza, "Bucolique"; Bonade (ed.), "Orchestral Studies"; Spohr concerti; sonatas by Brahms and Poulenc; concertos by Hindemith and Mozart.

1 Credit

PFMJ 32700 Bassoon III - Music Majors (NLA)

Technique including interval study in all major keys of thirds, fourths, fifths, sixths, and sevenths. Continuation of long tones, legato and staccato tonguing. Representative études including Milde, "Studies," book I; Jancoult, "Studies"; Oubradous, "Method," no. 2; Piard, "Method," no. 2. Representative repertoire including Siennicki, "Ballade for Bassoon"; C. von Weber, Concerto in F; A. Stadio, "Orchestra Studies"; Hindemith, Sonata for Bassoon and Piano; Casarino, Sonata for Bassoon and Piano. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 32702 Bassoon III - Secondary Instrument (NLA)

Technique including interval study in all major keys of thirds, fourths, fifths, sixths, and sevenths. Continuation of long tones, legato and staccato tonguing. Representative études including Milde, "Studies," book I; Jancoult, "Studies"; Oubradous, "Method," no. 2; Piard, "Method," no. 2. Representative repertoire including Siennicki, "Ballade for Bassoon"; C. von Weber, Concerto in F; A. Stadio, "Orchestra Studies"; Hindemith, Sonata for Bassoon and Piano; Casarino, Sonata for Bassoon and Piano.

1 Credit

PFMJ 32900 Saxophone III - Music Majors (NLA)

Technique to include continuation of previous material, with emphasis placed on increasing technical facility. Representative études including G. Lacour, "28 Études on Modes of Messiaen"; E. Bozza, "12 Études and Caprices"; R. Caravan, "Paradigms"; G. Lacour, "8 Very Difficult Studies." Representative repertoire including W. Hartley, "Duo for Saxophone and Piano"; W. Benson, Concertino; R. Caravan, "Sketch"; K. Husa, "Élégie et Rondeau"; Milhaud, "Scaramouche"; R. Muczynski, Sonata; P. Bonneau, "Caprice en Forme de Valse"; and various chamber works. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 32902 Saxophone III - Secondary Instrument (NLA)

Technique to include continuation of previous material, with emphasis placed on increasing technical facility. Representative études including G. Lacour, "28 Études on Modes of Messiaen"; E. Bozza, "12 Études and Caprices"; R. Caravan, "Paradigms"; G. Lacour, "8 Very Difficult Studies." Representative repertoire including W. Hartley, "Duo for Saxophone and Piano"; W. Benson, Concertino; R. Caravan, "Sketch"; K. Husa, "Élégie et Rondeau"; Milhaud, "Scaramouche"; R. Muczynski, Sonata; P. Bonneau, "Caprice en Forme de Valse"; and various chamber works.

1 Credit

PFMJ 33100 French Horn III - Music Majors (NLA)

Technique including lip slurs covering three octaves in broken triads, fourths, fifths, and octaves. All major scales in broken thirds, fourths, fifths, and augmented fourths. Lip trill. Representative études including Maxime-Alphonse, book 4; Reynolds, "48 Études" (1, 2, 3, 5, 6, 7, 8, 10, 11, 12, 14, 18, 25, 27, 29, 31, 34, 37). Orchestral excerpts from Wagner, Strauss, and French repertoire. Representative repertoire including Mozart, Horn Quintet; Dukas, Villanelle; Wilder, Sonata no. 1; Hindemith, Sonata; Strauss, Concerto no. 2 (second and third movements); Schoeck, Concerto; Stich, Quartet; and Beversdorf, Sonata. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 33102 French Horn III - Secondary Instrument (NLA)

Technique including lip slurs covering three octaves in broken triads, fourths, fifths, and octaves. All major scales in broken thirds, fourths, fifths, and augmented fourths. Lip trill. Representative études including Maxime-Alphonse, book 4; Reynolds, "48 Études" (1, 2, 3, 5, 6, 7, 8, 10, 11, 12, 14, 18, 25, 27, 29, 31, 34, 37). Orchestral excerpts from Wagner, Strauss, and French repertoire. Representative repertoire including Mozart, Horn Quintet; Dukas, Villanelle; Wilder, Sonata no. 1; Hindemith, Sonata; Strauss, Concerto no. 2 (second and third movements); Schoeck, Concerto; Stich, Quartet; and Beversdorf, Sonata.

1 Credit

PFMJ 33300 Trumpet III - Music Majors (NLA)

Continuation of study from Schlossberg and Clarke. Use of the C, D, E-flat, and piccolo trumpet. Transposition from Sachse, "100 Studies." Études including Brandt, "34 Studies"; Bitsch, "20 Études"; and Longinotti, "Studies in Classical and Modern Style." Orchestral excerpts from vols. III, IV, and V, including memorization of standard passages. Solos required are Haydn, Concerto; Hartley, Sonatina; Kennan, Sonata; and Torelli, Concerto or Sinfonia con Tromba. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 33302 Trumpet III - Secondary Instrument (NLA)

Continuation of study from Schlossberg and Clarke. Use of the C, D, E-flat, and piccolo trumpet. Transposition from Sachse, "100 Studies." Études including Brandt, "34 Studies"; Bitsch, "20 Études"; and Longinotti, "Studies in Classical and Modern Style." Orchestral excerpts from vols. III, IV, and V, including memorization of standard passages. Solos required are Haydn, Concerto; Hartley, Sonatina; Kennan, Sonata; and Torelli, Concerto or Sinfonia con Tromba.

1 Credit

PFMJ 33500 Tenor Trombone III - Music Majors (NLA)

Review of fundamentals of sound, range, and intonation; introduction to unusual scale forms. Representative études for technique, reading skills, and musicianship include Rochut, "Melodious Études"; Masson, "Études"; and Bitsch, "Rhythmic Études." Solo repertoire includes Handel, Vivaldi, Ropartz, Stojowski, Sulek, Casterede, Monaco, White, Tomasi, and Wagenseil. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 33502 Tenor Trombone III - Secondary Instrument (NLA)

Review of fundamentals of sound, range, and intonation; introduction to unusual scale forms. Representative études for technique, reading skills, and musicianship include Rochut, "Melodious Études"; Masson, "Études"; and Bitsch, "Rhythmic Études." Solo repertoire includes Handel, Vivaldi, Ropartz, Stojowski, Sulek, Casterede, Monaco, White, Tomasi, and Wagenseil.

1 Credit

PFMJ 33700 Bass Trombone III - Music Majors (NLA)

Review of fundamentals of sound, range, and intonation; introduction to unusual scale forms. Representative études for technique, reading skills, and musicianship include Fink, "Studies in Legato"; Gillis, "20 Études"; and Ostrander, "Shifting Meter Studies." Solo repertoire includes Frescobaldi, Casterede, White, and McCarty. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 33702 Bass Trombone III - Secondary Instrument (NLA)

Review of fundamentals of sound, range, and intonation; introduction to unusual scale forms. Representative études for technique, reading skills, and musicianship include Fink, "Studies in Legato"; Gillis, "20 Études"; and Ostrander, "Shifting Meter Studies." Solo repertoire includes Frescobaldi, Casterede, White, and McCarty.

1 Credit

PFMJ 33900 Euphonium III - Music Majors (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scale, interval, chord, double- and triple-tonguing, and Grupetto studies. All major and minor scales and arpeggios from memory (three octaves). Clark, "Technical Studies" (Series III). Representative études including Arban, "Method for Trombone" and "12 Celebrated Fantasies and Variations"; Kopprasch, "60 Selected Studies" (book 2); Rochut, "Melodious Études" (book 2); St. Jerome, "Cornet Method," selected études. Representative repertoire including Bach-La Fosse, Cello Suites; Bitot, Impromptu; Reiche, Concert Piece no. 2; Hindemith, Sonata (trumpet); Rousseau, "Pièce Concertante"; plus selected band excerpts. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 33902 Euphonium III - Secondary Instrument (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone"; scale, interval, chord, double- and triple-tonguing, and Grupetto studies. All major and minor scales and arpeggios from memory (three octaves). Clark, "Technical Studies" (Series III). Representative études including Arban, "Method for Trombone" and "12 Celebrated Fantasies and Variations"; Kopprasch, "60 Selected Studies" (book 2); Rochut, "Melodious Études" (book 2); St. Jerome, "Cornet Method," selected études. Representative repertoire including Bach-La Fosse, Cello Suites; Bitot, Impromptu; Reiche, Concert Piece no. 2; Hindemith, Sonata (trumpet); Rousseau, "Pièce Concertante"; plus selected band excerpts.

1 Credit

PFMJ 34100 Tuba III - Music Majors (NLA)

Technique including W. Bell, "Tuba Warmups" (part 2); Schlossberg, "Daily Drills and Technical Studies for Trombone" (bass clef); Arban, "Method for Trombone"; scale, chord, interval, double- and triple-tonguing studies, and three-octave scales and arpeggios; H. L. Clarke, "Technical Studies" (Series II, cornet). Representative études including Arban, "Method for Trombone," characteristic studies; Kopprasch, "60 Selected Studies" (trombone, book 2); Rochut, "Melodious Études" (trombone, book 1); Tyrell, "Advanced Studies for the BB-flat Tuba"; W. Bell, "Tuba Warmups," book 2 ("Blazevich Interpretations"); and Eby, "BB-flat Bass Method," part 1. Representative repertoire including Painpare, "Concert Piece"; Bach-Bell, Air and Bourrée; Troje-Miller, "Sonatina Classic"; Sabathhill, Divertissement; Hume, "Te Anau"; Spillman, "Two Songs"; plus selected band and orchestral excerpts. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 34102 Tuba III - Secondary Instrument (NLA)

Technique including W. Bell, "Tuba Warmups" (part 2); Schlossberg, "Daily Drills and Technical Studies for Trombone" (bass clef); Arban, "Method for Trombone"; scale, chord, interval, double- and triple-tonguing studies, and three-octave scales and arpeggios; H. L. Clarke, "Technical Studies" (Series II, cornet). Representative études including Arban, "Method for Trombone," characteristic studies; Kopprasch, "60 Selected Studies" (trombone, book 2); Rochut, "Melodious Études" (trombone, book 1); Tyrell, "Advanced Studies for the BB-flat Tuba"; W. Bell, "Tuba Warmups," book 2 ("Blazevich Interpretations"); and Eby, "BB-flat Bass Method," part 1. Representative repertoire including Painpare, "Concert Piece"; Bach-Bell, Air and Bourrée; Troje-Miller, "Sonatina Classic"; Sabathhill, Divertissement; Hume, "Te Anau"; Spillman, "Two Songs"; plus selected band and orchestral excerpts.

1 Credit

PFMJ 34300 Percussion III - Music Majors (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 34302 Percussion III - Secondary Instrument (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor.

1 Credit

PFMJ 34500 Drum Set III - Music Majors (NLA)

Continued private instruction in drum set with emphasis on style fluency. Focus on large ensemble performance practices. Engagement of transcription and execution technique. Repertoire may include Reed asymmetrical technical studies and Garibaldi linear concepts. Variations may occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular styles. Corequisite: PFMJ 19900. (F,S,U,Y)

1-4 Credits

PFMJ 36300 Electric Bass III - Music Majors (NLA)

Soloing; modes and altered scales for improvisation; more advanced substitute chord changes; blues progressions and altered chord changes; longer duration chord changes; patterns and arpeggios; harmonic cycles; standard introduction and endings. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 36302 Electric Bass III - Secondary Instrument (NLA)

Soloing; modes and altered scales for improvisation; more advanced substitute chord changes; blues progressions and altered chord changes; longer duration chord changes; patterns and arpeggios; harmonic cycles; standard introduction and endings.

1 Credit

PFMJ 40100 Voice IV - Music Majors (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce." Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 40300 Piano IV - Music Majors (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable Credit. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 40500 Organ IV - Music Majors (NLA)

Bach, larger preludes and fugues, such as BWV 548 and 582; Franck, Chorales; 19th- and 20th-century virtuoso works by Vierne, Widor, Reger, Dupré, Reubke, Messiaen, etc. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 40700 Harpsichord IV - Music Majors (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 40900 Violin IV - Music Majors (NLA)

Continuation of all previous technical work. Representative études including Rode, "Caprices"; Gavinies, "Studies"; Paganini, op. 14 and the "24 Caprices." Representative repertoire including concerti by Saint-Saëns, Khachaturian, Tchaikovsky, Sibelius, Vivaldi ("Four Seasons"), and Prokofiev; solo sonatas and partitas by Bach; sonatas by Franck, Copland, Brahms, and Debussy; pieces by Bloch, Vaughan Williams, Stravinsky, and other 20th-century works. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 41100 Viola IV - Music Major (NLA)

Continuation of all previous work; establishing secure technical facility. Flesch, "Scale System"; advanced bowing and left-hand techniques. Viola ensemble. Studies from Fuchs, "Twelve Caprices"; Hermann, "Concert Studies"; Dont, "Études and Caprices," op. 35. Repertoire from Bartók; Walton; Hindemith; Jacob concertos; Vaughan Williams; Bloch and Reger suites; Bach, Violin Sonatas and Partitas; Brahms, sonatas; 20th-century literature. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 41300 Cello IV - Music Majors (NLA)

Continued study of scales, etc., as above; Bazelaire arpeggios. Representative études including the above and Paganini-Silva, "12 Caprices," and virtuosic solo pieces. Representative repertoire including suites; sonatas by Bach, Reger, Bloch; concerti by Locatelli, Bach, Beethoven, Brahms, Kodály, Shostakovich; Haydn; Dvorak (from list above); 20th-century pieces. Performance of solo and cello ensemble repertoire. (F-S). Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 41500 Double Bass IV - Music Majors (NLA)

Technique including all scales and arpeggios with bowings and rhythms. Études from all sources previously studied. Solo repertoire from any source including the Cello Suites of Bach, and works from all periods including the 20th century. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 41700 Classical Guitar IV - Music Majors (NLA)

Instruction in reading lute and baroque guitar tablatures; transcription of literature for keyboard, violin, cello, etc.; Renaissance and baroque ornamentation and performance practice; reading of figured bass and continuo playing. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 41900 Jazz Guitar IV - Music Majors (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc. Emphasis is placed on style periods and idiomatic playing. Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 42100 Flute IV - Music Majors (NLA)

Taffanel-Gaubert, "17 Daily Exercises," and Marcel Moyse, "Tone Development through Interpretation." Orchestral excerpts. Representative études including Altes, "26 Selected Studies"; Andersen, "24 Études," op. 15; and Andersen, "24 Technical Studies," op. 63. Representative repertoire including Bach, Partita; Hindemith, "Acht Stücke"; Varese, "Density 21.5"; Bach sonatas; Martin, Ballade; Reinecke, "Undine" Sonata; and Schubert, "Introduction and Variations." Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 42300 Oboe IV - Music Majors (NLA)

Technique continues as before. Études selected from Rothwell, Belinsky and deLancie's "Orchestra Studies," and G. Gillet's "Advanced Études." Representative repertoire selected from Bach and Telemann cantatas; Mozart, Oboe Quartet K. 370; Vaughan Williams, Concerto; Ibert, "Symphonie Concertante"; Riccardo Malipiero, Sonata; Britten, "Quartet and Metamorphoses." Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 42500 Clarinet IV - Music Majors (NLA)

Concentrated review of every aspect of performance. Representative études including Stark, "24 Grand Virtuoso Studies"; Perier, "Recueil de Sonates"; Starlit, "25 Études de Virtuosité." Representative repertoire includes orchestral studies of Bonade, McGinnis, and Cailliet; Debussy, "Rhapsodie"; Ravel, "Fantasie"; Bartók, "Contrasts"; quintets by Mozart and Brahms; concertos by Copland, Tomasi, and Nielsen. (F-S). Co-requisite: PFMJ 19900. 1-4 Credits

PFMJ 42700 Bassoon IV - Music Majors (NLA)

Technique including all scales (100 mm). Continued study of all basic material. Representative études including Milde, "Studies," book 2; Paired, "Method," no. 3; Oubradous, "Method," no. 3. Representative repertoire including Mozart, Bassoon Concerto in B; V. Bruns, Concerto for Bassoon; Etler, Sonata for Bassoon and Piano; Villa-Lobos, "Ciranda das Sete Notas"; symphonies of Beethoven, Brahms, and Tchaikovsky; and "Studio" book. Co-requisite: PFMJ 19900. (F-S) 1-4 Credits

PFMJ 42900 Saxophone IV - Music Majors (NLA)

Continued emphasis is placed on technical facility in various keys and modes. Continued study of extended techniques such as multiphonics, altissimo, timbre changes, tonguing effects. Representative repertoire including concertos by Creston, Dahl, Husa, and Tomasi; sonatas by DiPasquale, Denisov, and others; L. Basset, "Music for Saxophone and Piano"; J. Ibert, "Concertino da Camera"; and various chamber works. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 43100 French Horn IV - Music Majors (NLA)

Continued technique of previous years, the study of the 18th- and early 19th-century hand-horn technique. Representative études including Maxime-Alphonse, book 5; Barboteu, "Études Concertantes"; Reynolds, "48 Études" (18, 20, 21, 23, 28, 30, 35, 41). Orchestral excerpts from contemporary repertoire. Representative repertoire including Brahms, Trio; Porter, Sonata; Atterberg, Concerto; Glière, Concerto; Hindemith, Sonata for Alto Horn; Jacob, Concerto; and Schumann, Adagio and Allegro. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 43300 Trumpet IV - Music Majors (NLA)

Summary of tonal and technical development. Pettit, "La Semaine du Virtuoso"; Nagel, "Speed Studies"; études from Chartier, "36 Études Transcendantes," and Broiles, "Studies and Duets." Orchestral studies from volumes VI and VII; tone poems of Strauss (Rossbach) and operas of Wagner (Hoechne); and Pietzsch, "Die Trompete." Solo repertoire includes the Chaynes or Tomasi concertos; Corelli, Concerto in D; Hummel, Concerto; and Hindemith, Sonata. Graduate should be capable of a shared recital. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 43500 Tenor Trombone IV - Music Majors (NLA)

Concentrated study of Bach's Cello Suites as études for musical development; coaching of traditional orchestral excerpts. Introduction to less traditional solo repertoire by Berio, Bernstein, Bassett, Druckman, Cox, Eakin, Krol, Loetsier, and Schiffman. Preparation of a senior recital must include a major work, such as Hindemith, Krol, or Dutilleux. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 43700 Bass Trombone IV - Music Majors (NLA)

Concentrated study of Bach's Cello Suites as études for musical development; coaching of traditional orchestral excerpts. Introduction to less traditional solo repertoire by Hartley, Ross, and Muller. Preparation of a senior recital must include a major work, such as the George Concerto. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 43900 Euphonium IV - Music Majors (NLA)

Technique including Schlossberg, Daily Drills and Technical Studies; Arban, Method for Trombone (continued technical materials); St. Jacome, Cornet Method, velocity and other studies. Continuation of all scales and arpeggios, articulations, including double- and triple-tongue. Representative études including St. Jacome, Cornet Method, selected études; Smith, Top Tones for the Trumpeter; Charlier, 36 Études Transcendantes (trumpet); Rochut, Melodious Études (trombone, book 3). Representative repertoire including Boccalari, Fantasia di Concerto; Fitzgerald, Concerto in A-flat Minor; Sowerby, Sonata for Trumpet; Strauss, Concerto for Horn; Bozza, Prelude et Allegro; Baret, Morceau de Concours; plus selected band excerpts. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 44100 Tuba IV - Music Majors (NLA)

Technique including W. Bell, "Tuba Warmups" (part 2); Blazeovich, "Advanced Daily Drills"; continued use of Arban materials. Continuation of all scales and arpeggios from memory, all articulations, including double- and triple-tongue. H. L. Clarke, "Technical Studies" (Series II, cornet). Representative études including Smith, "Top Tunes for the Trumpeter"; Charlier, "6 Études Transcendantes" (trumpet); Saint-Jacome, "Twelve Grand Artistic Studies" (cornet); Rochut, "Melodious Études" (book 3, trombone); Blazeovich, "70 Études for BB-flat Tuba." Representative repertoire including Le Clercq, Concertino; Boccalari, "Fantasia di Concerto"; Hindemith, Sonata; Williams, Concerto; Levedev, Concerto Allegro; Brandt, "Erstes Konzertstück" (cornet); plus selected band and orchestral excerpts. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 44300 Percussion IV - Music Majors (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 44500 Drum Set IV - Music Majors (NLA)

Continued private instruction in drum set with emphasis on style and fluency. Focus on small ensemble performance practices. Processes will include additional transcription studies. May include continued asymmetrical technical studies in Reed and linear playing in Garibaldi. Variations may occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular styles.

Corequisite: PFMJ 19900. (F,S,U,Y)

1-4 Credits

PFMJ 44700-44800 Private Accompanying (NLA)

Private instruction in accompanying. Representative repertoire includes duo sonata literature, French and English art song, German lieder, operatic arias and short scenes, instrumental concerto accompaniment, and 20th-century French literature for brass and woodwinds. Student collaborates with instrumentalists and vocalists from other studios as assigned. This course fulfills the major ensemble requirement for piano performance-collaborative emphasis majors. Course meets one hour per week. Prerequisites: MUEN11700, MUEN11800, MUEN21700, MUEN21800, MUEN41700, and MUEN41800; piano performance-collaborative emphasis major. (F-S,Y)

1 Credit

PFMJ 45100 Voice V - Music Majors (NLA)

The development of artistic vocal musicianship through the study and performance of carefully selected and individualized vocal literature. The acquisition of a functional vocal technique through attention to posture, breathing, tonal onset, vowel purity, reduction of inhibitory physical tensions, body coordination, and a balanced registration. Appropriate vocalises constructed to meet the individual technical problems of the student. Upper-level studies focus on range extension, vocal flexibility, melismatic singing, and the "messa di voce." Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 45300 Piano V - Music Majors (NLA)

Repertoire is chosen by the instructor as appropriate for the technical abilities, stylistic awareness, and musical growth of the individual student. Variable Credit. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 45500 Organ V - Music Majors (NLA)

Weekly repertoire class is devoted to student performances, church music skills, and organ history and design. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 45700 Harpsichord V - Music Majors (NLA)

Technical studies may include trill exercises, finger independence exercises, scales, and excerpts from various method books. Repertoire initially emphasizes 18th-century literature (e.g., simpler works of Bach, D. Scarlatti, and Rameau). Further study includes earlier keyboard literature and the concomitant techniques (fingering, ornamentation, etc.). Repertoire classes often include discussions of the various schools of harpsichord construction and the corresponding literature, as well as different aspects of performance practice. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 45900 Violin V - Music Majors (NLA)

Continuation of all previous technical work. Representative études including Rode, "Caprices"; Gavinies, "Studies"; Paganini, op. 14 and the "24 Caprices." Representative repertoire including concerti by Saint-Saëns, Khachaturian, Tchaikovsky, Sibelius, Vivaldi ("Four Seasons"), and Prokofiev; solo sonatas and partitas by Bach; sonatas by Franck, Copland, Brahms, and Debussy; pieces by Bloch, Vaughan Williams, Stravinsky, and other 20th-century works. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 46100 Viola V - Music Majors (NLA)

Continuation of all previous work; establishing secure technical facility. Flesch, "Scale System"; advanced bowing and left-hand techniques. Viola ensemble. Studies from Fuchs, "Twelve Caprices"; Hermann, "Concert Studies"; Dont, "Études and Caprices," op. 35. Repertoire from Bartók; Walton; Hindemith; Jacob concertos; Vaughan Williams; Bloch and Reger suites; Bach, Violin Sonatas and Partitas; Brahms, sonatas; 20th-century literature. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 46300 Cello V - Music Majors (NLA)

Continued study of scales, etc., as above; Bazelaire arpeggios. Representative études including the above and Paganini-Silva, "12 Caprices," and virtuosic solo pieces. Representative repertoire including suites; sonatas by Bach, Reger, Bloch; concerti by Locatelli, Bach, Beethoven, Brahms, Kodály, Shostakovich; Haydn; Dvorak (from list above); 20th-century pieces. Performance of solo and cello ensemble repertoire. Co-requisite: PFMJ 19900. (F-S)
1-4 Credits

PFMJ 46500 Double Bass V - Music Majors (NLA)

Technique including all scales and arpeggios with bowings and rhythms. Études from all sources previously studied. Solo repertoire from any source including the Cello Suites of Bach, and works from all periods including the 20th century. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 46700 Classical Guitar V - Music Majors (NLA)

Instruction in reading lute and baroque guitar tablatures; transcription of literature for keyboard, violin, cello, etc.; Renaissance and baroque ornamentation and performance practice; reading of figured bass and continuo playing. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 46900 Jazz Guitar V - Music Majors (NLA)

Technique: scales, modes, melodic minor scale and modes, arpeggios, chord vocabulary, picking, patterns, chord superimposition, chord melody playing, rhythm guitar, comping, and improvisation. Solo repertoire from 1900 to the present. Standards, jazz tunes, pop and rock tunes, etc. Emphasis is placed on style periods and idiomatic playing. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 47100 Flute V - Music Majors (NLA)

Representative études including Andersen, "24 Virtuoso Studies," op. 60 and Karg-Elert, "30 Caprices." Orchestral excerpts. Representative repertoire including Berio, "Sequenza"; Bozza, "Image"; Jolivet, "Cinq Incantations"; Bach sonatas; Copland, "Duo"; Griffes, "Poem"; Ibert, Concerto; Muczynski, Sonata; Nielsen, Concerto; and Prokofiev, Sonata. Co-requisite: PFMJ 19900.
1-4 Credits

PFMJ 47300 Oboe V - Music Majors (NLA)

Repertory class for oboe majors includes the principles of reed making. Co-requisite: PFMJ 19900. (F-S)
1-4 Credits

PFMJ 47500 Clarinet V - Music Majors (NLA)

Concentrated review of every aspect of performance. Representative études including Stark, "24 Grand Virtuoso Studies"; Perier, "Recueil de Sonates"; Starlit, "25 Études de Virtuosité." Representative repertoire includes orchestral studies of Bonade, McGinnis, and Cailliet; Debussy, "Rhapsodie"; Ravel, "Fantasie"; Bartók, "Contrasts"; quintets by Mozart and Brahms; concertos by Copland, Tomasi, and Nielsen. Co-requisite: PFMJ 19900. (F-S)
1-4 Credits

PFMJ 47700 Bassoon V - Music Majors (NLA)

Technique including all scales (100 mm). Continued study of all basic material. Representative études including Milde, "Studies," book 2; Paired, "Method," no. 3; Oubradous, "Method," no. 3. Representative repertoire including Mozart, Bassoon Concerto in B; V. Bruns, Concerto for Bassoon; Etler, Sonata for Bassoon and Piano; Villa-Lobos, "Ciranda das Sete Notas"; symphonies of Beethoven, Brahms, and Tchaikovsky; and "Studio" book. Co-requisite: PFMJ 19900. (F-S)
1-4 Credits

PFMJ 47900 Saxophone V - Music Majors (NLA)

Continued emphasis is placed on technical facility in various keys and modes. Continued study of extended techniques such as multiphonics, altissimo, timbre changes, tonguing effects. Representative repertoire including concertos by Creston, Dahl, Husa, and Tomasi; sonatas by DiPasquale, Denisov, and others; L. Basset, "Music for Saxophone and Piano"; J. Ibert, "Concertino da Camera"; and various chamber works. Co-requisite: PFMJ 19900. (F-S)
1-4 Credits

PFMJ 48100 French Horn V - Music Majors (NLA)

Continued technique of previous years, the study of the 18th- and early 19th-century hand-horn technique. Representative études including Maxime-Alphonse, book 5; Barboteu, "Études Concertantes"; Reynolds, "48 Études" (18, 20, 21, 23, 28, 30, 35, 41). Orchestral excerpts from contemporary repertoire. Representative repertoire including Brahms, Trio; Porter, Sonata; Atterberg, Concerto; Glière, Concerto; Hindemith, Sonata for Alto Horn; Jacob, Concerto; and Schumann, Adagio and Allegro. Co-requisite: PFMJ 19900. (F-S)
1-4 Credits

PFMJ 48300 Trumpet V - Music Majors (NLA)

Summary of tonal and technical development. Pettit, "La Semaine du Virtuoso"; Nagel, "Speed Studies"; études from Chartier, "36 Études Transcendantes," and Broiles, "Studies and Duets." Orchestral studies from volumes VI and VII; tone poems of Strauss (Rossbach) and operas of Wagner (Hoechne); and Pietzsch, "Die Trompete." Solo repertoire includes the Chaynes or Tomasi concertos; Corelli, Concerto in D; Hummel, Concerto; and Hindemith, Sonata. Graduate should be capable of a shared recital. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 48500 Tenor Trombone V - Music Majors (NLA)

Concentrated study of Bach's Cello Suites as études for musical development; coaching of traditional orchestral excerpts. Introduction to less traditional solo repertoire by Berio, Bernstein, Bassett, Druckman, Cox, Eakin, Krol, Loetsier, and Schiffman. Preparation of a senior recital must include a major work, such as Hindemith, Krol, or Dutilleux. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 48700 Bass Trombone V - Music Majors (NLA)

Concentrated study of Bach's Cello Suites as études for musical development; coaching of traditional orchestral excerpts. Introduction to less traditional solo repertoire by Hartley, Ross, and Muller. Preparation of a senior recital must include a major work, such as the "George" Concerto. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 48900 Euphonium V - Music Majors (NLA)

Technique including Schlossberg, "Daily Drills and Technical Studies"; Arban, "Method for Trombone" (continued technical materials); St. Jacome, "Cornet Method," velocity and other studies. Continuation of all scales and arpeggios, articulations, including double- and triple-tongue. Representative études including St. Jacome, "Cornet Method," selected études; Smith, "Top Tones for the Trumpeter"; Charlier, "36 Études Transcendantes" (trumpet); Rochut, "Melodious Études" (trombone, book 3). Representative repertoire including Boccalari, "Fantasia di Concerto"; Fitzgerald, Concerto in A-flat Minor; Sowerby, Sonata for Trumpet; Strauss, Concerto for Horn; Bozza, "Prelude et Allegro"; Baret, "Morceau de Concours"; plus selected band excerpts. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 49100 Tuba V - Music Majors (NLA)

Technique including W. Bell, "Tuba Warmups" (part 2); Blazeovich, "Advanced Daily Drills"; continued use of Arban materials. Continuation of all scales and arpeggios from memory, all articulations, including double- and triple-tongue. H. L. Clarke, "Technical Studies" (Series II, cornet). Representative études including Smith, "Top Tunes for the Trumpeter"; Charlier, "6 Études Transcendantes" (trumpet); Saint-Jacome, "Twelve Grand Artistic Studies" (cornet); Rochut, "Melodious Études" (book 3, trombone); Blazeovich, "70 Études for BB-flat Tuba." Representative repertoire including Le Clercq, Concertino; Boccalari, "Fantasia di Concerto"; Hindemith, Sonata; Williams, Concerto; Levedev, Concerto Allegro; Brandt, "Erstes Konzertstück" (cornet); plus selected band and orchestral excerpts. Co-requisite: PFMJ 19900. (F-S)

1-4 Credits

PFMJ 49300 Percussion V - Music Majors (NLA)

The order and amount of study vary from student to student, depending on strengths and deficiencies upon matriculation. Variations also occur when a student, in consultation with the major teacher, decides to concentrate in one or more particular areas. An examination is conducted by the instructor at the end of each semester. This examination includes performance and sight-reading. Specific requirements are provided by the instructor. Co-requisite: PFMJ 19900.

1-4 Credits

PFMJ 49500 Electric Bass V - Music Majors (NLA)

Soloing; modes and altered scales for improvisation; more advanced substitute chord changes; blues progressions and altered chord changes; longer duration chord changes; patterns and arpeggios; harmonic cycles; standard introduction and endings. Co-requisite: PFMJ 19900.

1-4 Credits

Performance - Non-Major

PFNM 10100 Voice Non-Major (LA)

1-3 Credits

PFNM 10300 Piano Non-Major (NLA)

1-3 Credits

PFNM 10500 Organ Non-Major (LA)

1-3 Credits

PFNM 10700 Harpsichord Non-Major (LA)

1-3 Credits

PFNM 10900 Violin Non-Major (LA)

1-3 Credits

PFNM 11100 Viola Non-Major (LA)

1-3 Credits

PFNM 11300 Cello Non-Major (LA)

1-3 Credits

PFNM 11500 Double Bass Non-Major (LA)

1-3 Credits

PFNM 11700 Guitar Non-Major (LA)

1-3 Credits

PFNM 12100 Flute Non-Major (LA)

1-3 Credits

PFNM 12300 Oboe Non-Major (LA)

1-3 Credits

PFNM 12500 Clarinet Non-Major

1-3 Credits

PFNM 12700 Bassoon Non-Major (LA)

1-3 Credits

PFNM 12900 Saxophone Non-Major

1-3 Credits

PFNM 13100 French Horn Non-Major (LA)

1-3 Credits

PFNM 13300 Trumpet Non-Major (LA)

1-3 Credits

PFNM 13500 Trombone Non-Major (LA)

1-3 Credits

PFNM 13700 Bass Trombone Non-Major (LA)

Attributes: UND

1-3 Credits

PFSM 13900 Euphonium Non-Major (LA)

1-3 Credits

PFSM 14100 Tuba Non-Major (LA)

1-3 Credits

PFSM 14300 Percussion Non-Major (LA)

1-3 Credits

PFSM 16100-16200 Recorder Non-Major (LA)

1-3 Credits

PFSM 16300-16400 Electric Bass Non-Major (LA)

1-3 Credits

Performance - Secondary

PFSM 10100-10200 Class Voice (NLA)

Small classes in voice to develop an understanding of the vocal mechanism and the application of sound principles of breath control and vowel placement. Primarily for the non-voice major who will be dealing with voices and choral groups in public school and community positions. (F-S)

1 Credit

PFSM 10900 Class Violin I (NLA)

Proper position (holding); all major scales and arpeggios in first position; various exercises using martelé, staccato, spiccato at the frog, slurred, and legato bowings. Introduction of positions, including exercises in shifting; vibrato; ability to play the first three Bach minuets, the second using an alternate third-position fingering. (F)

1 Credit

PFSM 11000 Class Violin II (NLA)

Continuation of PFSM 10900, including spiccato in the middle of the bow. Some small ensemble playing, including violin duets and trios, and some using the viola. (Advanced classes include a more detailed study of the viola, instruction given in proper fingering, and bowing of string music.) Special effects, such as harmonics and ponticello. Discussion of string teaching techniques and method books. Prerequisite: PFSM 10900. (S)

1 Credit

PFSM 11200 Class Viola (NLA)

Instruction in correct positions (holding, posture, left hand, right hand) using all major scales and arpeggios in first position with various bowings (slurred, détaché, martelé, spiccato). Introduction to shifting, positions, vibrato, and three-octave scales. Selected études from Wolfhart, books I and II. Strong emphasis is placed on comprehension of principles of viola playing (includes fluency in reading alto clef) and on teaching techniques. (S)

1 Credit

PFSM 11300 Class Cello I (NLA)

Technique including seating, natural left- and right-hand position, shifting, basic bowing strokes, position studies through fourth position, and appropriate scales, arpeggios, and pieces. Modern fingering and bowing principles stressed. Representative books including Margaret Rowell, "Prelude to String Playing," and Dotzauer, "Violoncello Method" (vol. I). Playing by ear. Care of instrument. (F)

1 Credit

PFSM 11400 Class Cello II (NLA)

Continuation of PFSM 11300 and more advanced bowings including spiccato. Thumb position and vibrato stressed along with playing by ear. Representative books, including Dotzauer, "Violoncello Method" (vol. II), and pieces. Verbal emphasis for improved teacher communication. Light repair of instrument. Discussion of teaching techniques and method books. Prerequisite: PFSM 11300. (S)

1 Credit

PFSM 11500 Class Double Bass (NLA)

Technique to include seven positions, scales and arpeggios, use of German and French bows, exercises in common bowings, and representative études including Simandl, "New Method for Double Bass" (part I). Excerpts from orchestral literature. (F)

1 Credit

PFSM 11700 Class Guitar (NLA)

One-semester course, available after completion of prerequisite piano, mainly for piano and voice majors who wish to use guitar for classroom teaching. Basic and intermediate classic and folk guitar techniques including complete fingerboard, simple chords in first position, ascending and descending ligado, second and third positions, and accompanying school basal series pieces. (F-S)

1 Credit

PFSM 12100 Class Flute (NLA)

Technique including study of basic concepts of good tone production, embouchure, flexibility, simple tonguing, hand and body positions, and simple care of the instrument. Chromatic scales from C1 to B3, major scales in five-note patterns through three sharps and three flats; octaves, interval studies; long-tone studies with dynamics; simple articulations. Representative études including Rubank, "Beginning Method." Representative literature including Rubank, "Selected Duets" (vol. I); various reading assignments including Edwin Putnik, "Flute Pedagogy and Performance"; Fredrick Wilkins, "Flutists' Guide"; Westphal, "Guide to Teaching Woodwinds." (F-S)

1 Credit

PFSM 12300 Class Oboe (NLA)

Summary of playing technique (fingerings, blowing, and embouchure) with application in long tones and slow scales. Care of the instrument and the reed, treatment of other instruments in the oboe family, solo and chamber music literature, instrument makes, principles of reed making and mechanical adjustments. Pedagogical problems are treated in conjunction with a discussion of various étude books and methods in use today. All students will use a reed of their own making at the final playing examination. (F-S)

1 Credit

PFSM 12500 Class Clarinet (NLA)

Discussion of correct posture, breathing, embouchure, hand position, finger motion, and articulation in terms of starting a young beginner. Emphasis is placed on developing a full, resonant, clear, mellow sound; establishing consistent results; achieving clean articulation. Mention of problems commonly encountered in teaching and playing; noting error, resulting effect, and correction. Information on instrument, mouthpiece, and reed selection and care. Survey of instructional materials for beginning and intermediate levels. Performance includes chromatic scale from low E to high E in slurred eighth notes at mm 72; all major and minor scales (two octaves) through four flats and four sharps; representative études from Whistler (ed.), "Klose-Lazarus Method." Selected material from level I of clarinet majors includes Bonade's "Clarinetist's Compendium." (F-S)

1 Credit

PFSM 12700 Class Bassoon (NLA)

Technique including care of instrument (nomenclature, assembly, and maintenance). Fundamentals (standing, sitting position, embouchure, hand positions, correct sound, fingerings, and intonation problems). Representative études including Gekeler, "Method," "Easy Steps," "Breeze-Easy Method"; Rubank, books I, II, III; J. Weissenborn, books I, II. Representative repertoire including Telemann, Sonata in F Minor; Burrill Phillips, "Concert Piece"; J. Weissenborn, "Capriccio"; E. Siennicki, "Ballade for Bassoon" and "Concert Studies"; Claude S. Kessler, "Bassoon Passages"; Vincenzo Pezzi. Work of Tchaikovsky. (F-S)
1 Credit

PFSM 12900 Class Saxophone (NLA)

Fundamentals of saxophone technique including handling, care, and assembly; hand and body position; basic embouchure and tone production; basic articulation; alternate fingerings; instrument, mouthpiece, and reed selection; vibrato; and two-octave range. Techniques of playing and teaching are emphasized, including observation, analysis, and prescription of peer problems. Materials to include L. Teal, "The Art of Saxophone Playing"; S. Mauk and L. Teal, "A Class Method for Saxophone"; various handouts. (F-S)
0.5 Credit

PFSM 13100 Class Horn (NLA)

Emphasis is placed on embouchure development and breath control. Technique including all major scales, tongued and slurred, within the two-octave range G to C2; lip slurs. Performance from Pottag-Hovey, "French Horn Method," book I, including selected studies in E-flat horn. (F-S)
0.5 Credit

PFSM 13300 Class Trumpet (NLA)

Principles of embouchure formation, position, articulation, and the control of air to produce the characteristic tone of the trumpet and cornet. Discussion of and reference to standard study and solo material and pedagogical techniques. Technique to include major scales and their relative minors through five sharps and flats, one octave in quarters and eighths at mm 72; ability to demonstrate C transposition; methods of effecting the lip slur; and multiple articulations. Material to include Beeler, "Method for Cornet"; Farkas, "Art of Brass Playing"; and Rassmussen, "Teacher's Guide to the Literature of Brass Instruments." 0.(F-S)
0.5-1 Credits

PFSM 13500 Class Trombone (NLA)

Designed to develop both playing ability and pedagogical competence for prospective teachers. Reference to standard study and solo literature. Special attention to the acoustical and physiological characteristics of the brass family as applied to the slide trombone. Discussion of the F attachment and bass trombone. Technique including major and relative minor scales through five flats and sharps, mm 72 in quarters and eighths. Beeler, "Method for Trombone." (F-S)
0.5 Credit

PFSM 13700 Class Euphonium (NLA)

Function of the tuba, baritone, and euphonium in band, orchestra, and ensemble, with demonstration of musical examples from the literature. The various keys and types of instruments, and uses for which each is best suited. Survey of tuba and baritone pedagogical materials and techniques, with emphasis placed on establishment of an effective and well-balanced daily practice routine. Representative solos from tuba and baritone repertory. Development of satisfactory tone production and articulation. Playing of major and minor scales and chords, one octave, eighth notes at mm 72, through five sharps and flats. Acquaintance with the intonation problems of the instruments studied and the techniques available for their correction. Development of adequate technique for performance of études and solos of medium difficulty. Farkas, "Art of Brass Playing"; Bell, "Tuba Warmups" (book I); Arban's "Bass Clef," complete method. (F).
0.5 Credit

PFSM 13900 Class Tuba (NLA)

Function of the tuba, baritone, and euphonium in band, orchestra, and ensemble, with demonstration of musical examples from the literature. The various keys and types of instruments, and uses for which each is best suited. Survey of tuba and baritone pedagogical materials and techniques, with emphasis placed on establishment of an effective and well-balanced daily practice routine. Representative solos from tuba and baritone repertory. Development of satisfactory tone production and articulation. Playing of major and minor scales and chords, one octave, eighth notes at mm 72, through five sharps and flats. Acquaintance with the intonation problems of the instruments studied and the techniques available for their correction. Development of adequate technique for performance of études and solos of medium difficulty. Farkas, "Art of Brass Playing"; Bell, "Tuba Warmups" (book I); Arban's "Bass Clef," complete method. (F).
0.5 Credit

PFSM 14100 Percussion Class (NLA)

Orchestral and rudimentary snare drumming with like-hand and traditional hand holds. Standard rudimentary drum literature, teaching methods, and techniques for all percussive instruments. Maintenance and repair of instruments. Class meetings: Two hours per week. (F-S)
1 Credit

PFSM 16100 Class Recorder (NLA)

Basic techniques include breath support, fingerings, and articulations on soprano and alto recorders. Ensemble playing begins immediately with emphasis placed on music suitable for classroom situations in schools, followed by a brief survey of recorder literature from all historical periods along with folk music arrangements. (F-S)
1 Credit

PFSM 17100 Keyboard Musicianship I (NLA)

An introduction to fundamentals of keyboard musicianship. Skill emphasis is placed on grand staff reading, techniques, repertoire, sight-reading, diatonic harmonization, transposition, improvisation, and playing by ear. Designed for the non-pianist music major. Placement by audition only. (F-S)
1 Credit

PFSM 17200 Keyboard Musicianship II (NLA)

The continuation of keyboard skills developed in PFSM 17100. Additional emphasis is placed on harmonization, including secondary harmonies using a variety of accompanimental styles, lead line notation, open score reading, ensemble, and accompanying skills. Prerequisites: PFSM 17100 or by audition. (F-S)
1 Credit

PFSM 17500 Keyboard Musicianship I - Keyboard Majors (NLA)

The introduction and development of functional keyboard skills including sight-reading, score analysis, performing chord progressions, harmonization of melodies utilizing diatonic triads, seventh chords and secondary dominants; transposition of single lines and simple keyboard textures up to the interval of major/ minor third; playing of choral open score and the development of basic choral accompanying skills; playing by ear; and performing ensemble literature for multiple keyboards. Course is required of all keyboard majors and composition-keyboard emphasis students. Open to others by audition only. (F)

1 Credit

PFSM 17600 Keyboard Musicianship II - Keyboard Majors (NLA)

Continuation of developing functional keyboard skills including sight-reading, alto and tenor clef reading, and performing chord progressions and harmonization of melodies utilizing chromatic harmony; instrumental transposition; performing from instrumental open score; and an introduction to figured bass realization. Course is required of all keyboard majors and composition-keyboard emphasis students. Prerequisites: PFSM 17500 or by audition. (S)

1 Credit

PFSM 24700 String Class (NLA)

A course in the basic strategies of teaching and playing string instruments, with particular emphasis placed on development of beginners. Also included is a survey of materials useful in teaching these instruments. Class meetings: Two hours per week for one semester. (F-S)

1 Credit

PFSM 27100 Keyboard Musicianship III - Vocal Performance Majors (NLA)

A continuation of skills developed in PFSM 17200. Emphasis is placed on developing technical facility and keyboard skills appropriate for a vocal performance major such as playing vocal open score and solo or choral accompaniments. Prerequisites: PFSM 17200. (F,S,Y)

1 Credit

PFSM 27200 Keyboard Musicianship IV - Vocal Performance Majors (NLA)

A continuation of skills developed in PFSM 27100. Emphasis is placed on developing technical facility and keyboard skills appropriate for a vocal performance major such as playing vocal open score and solo or choral accompaniments. Prerequisites: PFSM 27100. (F,S,Y)

1 Credit

PFSM 27300 Keyboard Musicianship III - Vocal Music Education Majors (NLA)

The continuation of skills developed in PFSM 17200. Emphasis is placed on developing technical facility and keyboard skills appropriate for a vocal music education major such as using the piano in a classroom setting and preparing and performing vocal or choral accompaniments. Prerequisites: PFSM 17200. (F,S,Y)

1 Credit

PFSM 27400 Keyboard Musicianship IV - Vocal Music Education Majors (NLA)

A continuation of skills developed in PFSM 27300. Emphasis is placed on developing technical facility and keyboard skills appropriate for a vocal music education major such as using the piano in a classroom setting and preparing and performing vocal or choral accompaniments. Prerequisites: PFSM 27300. (F,S,Y)

1 Credit

PFSM 34900 Woodwind Class (NLA)

A course in the basic strategies of teaching and playing woodwind instruments, with particular emphasis placed on the development of beginners. Also included is a survey of materials useful in teaching these instruments. Class meeting: Two hours per week. (F-S)

1 Credit

PFSM 35100 Brass Class (NLA)

A course in the basic strategies of teaching and playing brass instruments, with particular emphasis placed on the development of beginners. Also included is a survey of materials useful in teaching these instruments. Class meetings: Two hours per week. (F-S)

1 Credit

Sound Recording Technology

MSRT 14200 Audio-Recording Systems I (NLA)

Introduction to equipment, operation and techniques necessary to work as a staff engineer in a recording facility. Focuses on fundamentals of concert recording, live sound reinforcement, recording sessions, media duplication and distribution, and office management. Study of basic audio concepts with weekly hands-on training in operation of industry-standard audio software. Prerequisites: Acceptance in the sound recording technology major. (F,Y)

2 Credits

MSRT 14300 Audio-Recording Systems II (NLA)

Basic technical support and repair techniques for audio electronics used in recording and live sound reinforcement, including hazards and safety issues. Emphasis is on basic construction skills (soldering and wiring), analog-digital calibration, and computer and software troubleshooting. Study of intermediate audio concepts with continued hands-on training in operation of industry-standard audio software.

Prerequisites: MSRT 14200. (S,Y)

2 Credits

MSRT 24100 Recording Workshop I (NLA)

Application of basic microphone use skills. Emphasis on refined stereo microphone placement techniques. Laboratory and discussion format explores stereo microphone placements for classical two track and multi-track recording sessions. Hands-on study of workflow and technical operation in a large-format recording studio. In-depth training on the SSL Duality console and other relevant studio equipment. Lecture/hands-on laboratory format with frequent group discussions. Prerequisites: MSRT 14300. (F,Y)

2 Credits

MSRT 24200 Recording Workshop II (NLA)

Live sound techniques and the acoustical environments including stage preparation, sound system placement, monitor mixes, sound system speaker placement, electrical wiring, compression and limiting, system equalization and effect processing. Emphasis on remote recording techniques. Hands-on component includes operation of a large-scale PA System, use of Real-Time Analyzers in PA tuning and acoustical analysis, and advanced live mixing techniques. Ear-training curriculum focuses on developing aural skills for the audio engineer. Prerequisites: MSRT 24100. (S,Y)

2 Credits

MSRT 24300 Critical Listening for the Recording Studio (NLA)

Analysis and comparison of specific recording techniques. Weekly meetings include discussion of artists and recording processes. Pass/fail only. Prerequisites: MSRT 14300. (F-S)

0.5 Credit

MSRT 34100 Advanced Recording Workshop I (NLA)

Advanced application of recording equipment and technology. Students re-create previously recorded music using current technology. Students conduct thorough research on the original production and establish communication with artist management, artist, and individuals responsible for the production of the original work of music. Course material focuses on recording session management, advanced tracking techniques, critical listening and analysis, production methods, and psychological aspects of the recording session. Prerequisites: MSRT 24200. (F-Y)
2 Credits

MSRT 34200 Advanced Recording Workshop II (NLA)

Continuation of MSRT 34100 Advanced Recording Workshop I with additional emphasis on tracking and acoustical microphone techniques. Students are limited to use of "legacy" technologies, such as magnetic tape and analog signal processing. Course material focuses on classic analog recording methods, tape machine calibration and alignment, machine synchronization, Dolby noise reduction systems, RIAA equalization curves, track bouncing, and stereo mastering. Prerequisites: MSRT 34100. (S,Y)
2 Credits

MSRT 34800 Advanced Microphone Techniques (NLA)

Advanced application of microphone use skills. Emphasis on refined professional techniques of placement both in stereophony and multi-track usage. Students learn techniques from in-class observations and lab experiences, self-experience in outside situations, and from others' experience. Prerequisites: MSRT 24200 or TVR 37100. (F)
3 Credits

MSRT 34900 Advanced Recording Techniques (NLA)

Advanced application of mixing and recording techniques. Students develop proficiencies in the areas of submixing, signal flow, signal processing, patching, mastering, multi-track sessions, mixing board topology, monitoring systems, and mixes and automation. Prerequisites: MSRT 34800. (S,Y)
3 Credits

MSRT 39100 Music Internship Preparation (NLA)

Career preparatory course for SRT students planning for their accredited internship. Students research potential internship sites and prepare for the application process by creating resumes and cover letters, establishing contact with professionals in the industry, and developing valuable skills key to a successful internship. Prerequisite: MSRT 24200. (F-S,Y)
2 Credits

MSRT 49100 Music Recording Internship (NLA)

Students spend at least 7 weeks working full-time in an approved recording studio, postproduction facility, sound reinforcement company, or multimedia production or development company, applying theories and developing techniques learned previously. Prerequisites: MSRT 39100. (F, S, Sum)
1-4 Credits

MSRT 49200 Senior Project (NLA)

Students produce and master a demo CD (portfolio) of materials for presentation. Materials for the senior project should be drawn primarily from previously recorded projects but should involve additional work, such as final mastering to CD, including appropriate coding, development of artwork, and registering and securing appropriate rights and copyrights. Prerequisites: MSRT 49100. (S,Y)
Attributes: CP

3 Credits

Performance and Music Education Major — B.M.

Summary

Code	Title	Credits
	Music Requirements	84
	Music Education Requirements	34
	Integrative Core Curriculum Requirements	31-32
Total Credits		149

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 10100	Voice I - Music Major (4 credits times 2 semesters)	8
PFMJ 20100	Voice II - Music Majors (4 credits times 2 semesters)	8
PFMJ 30100	Voice III - Music Majors (4 credits times 2 semesters)	8
PFMJ 40100	Voice IV - Music Majors (4 credits times 2 semesters)	8
PFMJ 45100	Voice V - Music Majors (2 credits during Sr. Student Teaching semester)	2
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 9 semesters)	4.5
PFMJ 10302	Piano I - Secondary Instrument	1
Ensemble		
	Choral (1 credit times 8 semesters; .5 credit during Sr. Student Teaching semester)	8.5
	MUEN 10800 Choir or MUEN 10900 Chorus or MUEN 11000 Treble Chorale	
Recitals		
MUMC 37300	Required Junior Recital	1
MUMC 47301	Senior Voice Recital	2
Music Theory		
MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I or MUTH 12201 Music Theory I – Honors	2
MUTH 22100	Music Theory II or MUTH 22101 Music Theory II – Honors	2
MUTH 22200	Music Theory III or MUTH 22201 Music Theory III – Honors	2
MUTH 32100	Form and Analysis or MUTH 32101 Form and Analysis – Honors	2
MUTH 32200	Analysis of Music since 1900 or MUTH 32201 Analysis of Music since 1900 - Honors	2
Aural Skills		
MUTH 13300	Aural Skills I or MUTH 13301 Aural Skills I - Honors	1.5

MUTH 13400	Aural Skills II	1.5	MUED 24600	Classroom Instruments	1
or MUTH 13401	Aural Skills II - Honors		PFSM 24700	String Class	1
MUTH 23300	Aural Skills III	1	PFSM 34900	Woodwind Class	1
or MUTH 23301	Aural Skills III - Honors		PFSM 35100	Brass Class	1
MUTH 23400	Aural Skills IV	1	Student Teaching-Internships-Capstones		
or MUTH 23401	Aural Skills IV - Honors		MUED 36900	Student Teaching: Vocal	2
Other Music Requirements			MUED 38000	Student Teaching and Rehearsal Lab: Vocal-Choral	2
xxxxx	Music electives ^{1,2}	1-6	MUED 46800	Senior Block Student Teaching: Vocal	6
MUMC 16100	Diction I	2	MUED 47000	Senior Music Education Capstone and Portfolio	2
MUMC 16200	Diction II	2	INTEGRATIVE CORE CURRICULUM ³		
MUMC 10300	Introduction to Music Technology	1	ICC Theme & Perspective ⁴		
MUMC 10100	Required Recital Attendance (six semesters required)	0	ICSM 10800	Ithaca Seminar in Writing ⁵	4
MUSIC LIBERAL ARTS REQUIREMENTS			or ICSM 11800	Honors Ithaca Seminar: Writing	
Music History			EDUC 21010	Educational Psychology (SO)	3
MUTH 25500	History and Literature of Music I	3	xxxxx	Creative Arts (CA)	3
MUTH 25600	History and Literature of Music II (WI)	3	xxxxx	Humanities (HM)	3
MUTH 35500	History and Literature of Music III	3	xxxxx	Natural Science (SC)	3
MUSIC EDUCATION REQUIREMENTS			Competencies		
Intro Sequence			Complementary Liberal Arts CLA		
MUED 10100	Introduction to Music Education: Career Orientation	0.5	EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
MUED 10200	Music Field Experience I	0.5	EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MUED 20100	Music Field Experience II	0.5	xxxxx	Modern language (French, German, Italian or Spanish) ⁶	6
MUED 20200	Current Topics in Music Education: Career Orientation	0.5	MATH xxxxx	Math requirement (except MATH 10000)	3
Mandated EDUC Workshops			Course Attributes		
EDUC 19210	Child Abuse Identification and Prevention	0	Select 3 credits of each (DV, WI, QL) ⁷		
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0	Capstone Experience		
EDUC 19230	School Violence Prevention	0	MUED 47000	Senior Music Education Capstone and Portfolio (CP) ⁸	2
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0	Total Credits		
Pedagogy Courses			149		
MUED 26700	Music Education for Children	2	¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.		
MUED 28000	Contemporary Ensembles in the Public Schools: Vocal-Choral	1	² Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History and Composition. Students who score below 84 percent on the exam must take the course and they take the lower number of music electives.		
MUED 35600	Laboratory Band	1	³ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.		
MUED 36100	Teaching Vocal - General Music	1	⁴ Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.		
MUED 36800	General and Choral Music in the Secondary School	2	⁵ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)		
Conducting Sequence					
MUED 30100	Choral Conducting	2			
MUED 30200	Choral Conducting	2			
Secondary Instruments Study Plans					
PFSM 17100	Keyboard Musicianship I	1			
PFSM 17200	Keyboard Musicianship II	1			
PFSM 27300	Keyboard Musicianship III - Vocal Music Education Majors	1			
PFSM 27400	Keyboard Musicianship IV - Vocal Music Education Majors	1			
PFSM 14100	Percussion Class	1			

- ⁶ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.
- ⁷ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁸ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
Music Requirements		86
Music Education Requirements		34
Integrative Core Curriculum Requirements		28-29
Total Credits		148

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 10300	Piano I - Music Majors (4 credits times 2 semesters)	8
PFMJ 20300	Piano II - Music Majors (4 credits times 2 semesters)	8
PFMJ 30300	Piano III - Music Majors (4 credits times 2 semesters)	8
PFMJ 40300	Piano IV - Music Majors (4 credits times 2 semesters)	8
PFMJ 45300	Piano V - Music Majors (2 credits during Sr. Student Teaching semester)	2
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 9 semesters)	4.5
PFMJ 10102	Voice I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20102	Voice II - Secondary Instrument (1 credit times 2 semesters)	2
Recitals		
MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital	2
Ensembles		
Choral (1 credit times 3 semesters; .5 credit during Sr. Student Teaching semester)		3.5
MUEN 10800	Choir or MUEN 10900 Chorus or MUEN 11000 Treble Chorale	
MUEN 11700	The Pianist as Collaborator	1
MUEN 11800	The Pianist as Collaborator	1
MUEN 21700	Piano-Vocal Collaboration	1
MUEN 21800	Piano-Instrumental Collaboration	1

MUEN 30300	Piano Ensemble	1
MUEN 1xxxx	Elective major ensemble	1
MUEN 32100	Chamber Music (.5 credit time 2 semesters)	1
Music Theory		
MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I or MUTH 12201 Music Theory I – Honors	2
MUTH 22100	Music Theory II or MUTH 22101 Music Theory II – Honors	2
MUTH 22200	Music Theory III or MUTH 22201 Music Theory III – Honors	2
MUTH 32100	Form and Analysis or MUTH 32101 Form and Analysis – Honors	2
MUTH 32200	Analysis of Music since 1900 or MUTH 32201 Analysis of Music since 1900 - Honors	2
Aural Skills		
MUTH 13300	Aural Skills I or MUTH 13301 Aural Skills I - Honors	1.5
MUTH 13400	Aural Skills II or MUTH 13401 Aural Skills II - Honors	1.5
MUTH 23300	Aural Skills III or MUTH 23301 Aural Skills III - Honors	1
MUTH 23400	Aural Skills IV or MUTH 23401 Aural Skills IV - Honors	1
Other Music Requirements		
MUMC 16300	Diction for the Non-Vocal Music Major	2
MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ^{1,2}	0-5
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3
MUSIC EDUCATION REQUIREMENTS		
Intro Sequence		
MUED 10100	Introduction to Music Education: Career Orientation	0.5
MUED 10200	Music Field Experience I	0.5
MUED 20100	Music Field Experience II	0.5
MUED 20200	Current Topics in Music Education: Career Orientation	0.5
Mandated EDUC Workshops		
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0

EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
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Pedagogy Courses

MUED 26700	Music Education for Children	2
MUED 28000	Contemporary Ensembles in the Public Schools: Vocal-Choral	1
MUED 35600	Laboratory Band	1
MUED 36100	Teaching Vocal - General Music	1
MUED 36800	General and Choral Music in the Secondary School	2

Conducting Sequence

MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2

Secondary Instruments Study Plans

PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
PFSM 10100	Class Voice	1
PFSM 10200	Class Voice	1
PFSM 14100	Percussion Class	1
MUED 24600	Classroom Instruments	1
PFSM 24700	String Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Student Teaching-Internships-Capstones

MUED 36900	Student Teaching: Vocal	2
MUED 38000	Student Teaching and Rehearsal Lab: Vocal-Choral	2
MUED 46800	Senior Block Student Teaching: Vocal	6
MUED 47000	Senior Music Education Capstone and Portfolio	2

INTEGRATIVE CORE CURRICULUM³**ICC Theme & Perspective⁴**

ICSM 10800	Ithaca Seminar in Writing ⁵	4
	or ICSM 11800 Honors Ithaca Seminar: Writing	
EDUC 21010	Educational Psychology (SO)	3
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3

Competencies**Complementary Liberal Arts CLA**

EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
xxxxx	Modern language (French, German, Italian or Spanish) ⁶	3
MATH xxxxx	Math requirement (except MATH 10000)	3

Course Attributes

Select 3 credits of each (DV, WI, QL) ⁷	9
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Capstone Experience

MUED 47000	Senior Music Education Capstone and Portfolio (CP) ⁸	2
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Total Credits**148**

- ¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.
- ² Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.
- ³ The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ⁴ Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.
- ⁵ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁶ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.
- ⁷ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁸ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
	Music Requirements	85
	Music Education Requirements	35
	Integrative Core Curriculum Requirements	28-29
Total Credits		148

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement¹		
PFMJ 11700	Classical Guitar I - Majors (4 credits times 2 semesters)	8
PFMJ 21700	Classical Guitar II - Music Majors (4 credits times 2 semesters)	8
PFMJ 31700	Classical Guitar III - Music Majors (4 credits times 2 semesters)	8

PFMJ 41700	Classical Guitar IV - Music Majors (4 credits times 2 semesters)	8
PFMJ 46700	Classical Guitar V - Music Majors (2 credits during Sr. Student Teaching semester)	2
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 9 semesters)	4.5
PFMJ 10102	Voice I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20102	Voice II - Secondary Instrument (1 credit times 2 semesters)	2

Recitals

MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital	2

Ensembles

Choral (1 credit times 4 semesters)		4
MUEN 10800 Choir or MUEN 10900 Chorus or MUEN 11000 Treble Chorale		
MUEN 11500	Guitar Ensemble (1 credit times 4 semesters; .5 credit during Sr. Student Teaching semester))	4.5

Music Theory

MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I or MUTH 12201 Music Theory I – Honors	2
MUTH 22100	Music Theory II or MUTH 22101 Music Theory II – Honors	2
MUTH 22200	Music Theory III or MUTH 22201 Music Theory III – Honors	2
MUTH 32100	Form and Analysis or MUTH 32101 Form and Analysis – Honors	2
MUTH 32200	Analysis of Music since 1900 or MUTH 32201 Analysis of Music since 1900 - Honors	2

Aural Skills

MUTH 13300	Aural Skills I or MUTH 13301 Aural Skills I - Honors	1.5
MUTH 13400	Aural Skills II or MUTH 13401 Aural Skills II - Honors	1.5
MUTH 23300	Aural Skills III or MUTH 23301 Aural Skills III - Honors	1
MUTH 23400	Aural Skills IV or MUTH 23401 Aural Skills IV - Honors	1

Other Music Requirements

MUMC 16300	Diction for the Non-Vocal Music Major	2
MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ^{1,2}	1-6
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS**Music History**

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3

MUTH 35500	History and Literature of Music III	3
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MUSIC EDUCATION REQUIREMENTS**Intro Sequence**

MUED 10100	Introduction to Music Education: Career Orientation	0.5
MUED 10200	Music Field Experience I	0.5
MUED 20100	Music Field Experience II	0.5
MUED 20200	Current Topics in Music Education: Career Orientation	0.5

Mandated EDUC Workshops

EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Pedagogy Courses

MUED 26700	Music Education for Children	2
MUED 28000	Contemporary Ensembles in the Public Schools: Vocal-Choral	1
MUED 35600	Laboratory Band	1
MUED 36100	Teaching Vocal - General Music	1
MUED 36800	General and Choral Music in the Secondary School	2

Conducting Sequence

MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2

Secondary Instruments Study Plans

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 27300	Keyboard Musicianship III - Vocal Music Education Majors	1
PFSM 10100	Class Voice	1
PFSM 10200	Class Voice	1
PFSM 14100	Percussion Class	1
MUED 24600	Classroom Instruments	1
PFSM 24700	String Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Student Teaching-Internships-Capstones

MUED 36900	Student Teaching: Vocal	2
MUED 38000	Student Teaching and Rehearsal Lab: Vocal-Choral	2
MUED 46800	Senior Block Student Teaching: Vocal	6
MUED 47000	Senior Music Education Capstone and Portfolio	2

INTEGRATIVE CORE CURRICULUM ³**ICC Theme & Perspective ⁴**

ICSM 10800	Ithaca Seminar in Writing ⁵ or ICSM 11800 Honors Ithaca Seminar: Writing	4
EDUC 21010	Educational Psychology (SO)	3
xxxxx	Creative Arts (CA)	3

xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
Competencies		
Complementary Liberal Arts CLA		
EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
xxxxx	Modern Language (French, German, Italian or Spanish) ⁶	3
MATH xxxxx	Math requirement (except MATH 10000)	3
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁷		9
Capstone Experience		
MUED 47000	Senior Music Education Capstone and Portfolio (CP) ⁸	2
Total Credits		148

¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.

² Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.

³ The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

⁴ Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.

⁵ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁶ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.

⁷ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁸ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
Music Requirements		83
Music Education Requirements		35-35.5
Integrative Core Curriculum Requirements		28-29
Total Credits		146

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 1xxxx	Private Instrument I - Music Major (4 credits times 2 semesters)	8
PFMJ 2xxxx	Private Instrument II - Music Major (4 credits times 2 semesters)	8
PFMJ 3xxxx	Private Instrument III - Music Major (4 credits times 2 semesters)	8
PFMJ 4xxxx	Private Instrument IV - Music Major (4 credits times 2 semesters)	8
PFMJ 4xxxx	Private Instrument V - Music Major (2 credits during Sr. Student Teaching semester)	2
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 9 semesters)	4.5
Recitals		
MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital	2
Ensembles		
Instrumental (1 credit times 8 semesters; .5 credit during Sr. Student Teaching semester)		8.5
MUEN 10500 Wind Ensemble or MUEN 10600 Concert Band or MUEN 10700 Wind Symphony or MUEN 11000 Symphony Orchestra		
Choral (.5 credit times 2 semesters)		1
MUEN 10800 Choir or MUEN 10900 Chorus or MUEN 11000 Treble Chorale		
MUEN 32100	Chamber Music (.5 credit times 4 semesters) ²	2
or MUEN 12300 Brass Choir		
Music Theory		
MUTH 10100	Fundamentals of Music Theory ³	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I or MUTH 12201 Music Theory I – Honors	2
MUTH 22100	Music Theory II or MUTH 22101 Music Theory II – Honors	2
MUTH 22200	Music Theory III or MUTH 22201 Music Theory III – Honors	2
MUTH 32100	Form and Analysis or MUTH 32101 Form and Analysis – Honors	2
MUTH 32200	Analysis of Music since 1900	2

or MUTH 32201 Analysis of Music since 1900 - Honors

Aural Skills

MUTH 13300	Aural Skills I	1.5
or MUTH 13301 Aural Skills I - Honors		
MUTH 13400	Aural Skills II	1.5
or MUTH 13401 Aural Skills II - Honors		
MUTH 23300	Aural Skills III	1
or MUTH 23301 Aural Skills III - Honors		
MUTH 23400	Aural Skills IV	1
or MUTH 23401 Aural Skills IV - Honors		

Other Music Requirements

MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ^{1,3}	2-7
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS

Music History

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

MUSIC EDUCATION REQUIREMENTS

Intro Sequence

MUED 10100	Introduction to Music Education: Career Orientation	0.5
MUED 10200	Music Field Experience I	0.5
MUED 20100	Music Field Experience II	0.5
MUED 20200	Current Topics in Music Education: Career Orientation	0.5

Mandated EDUC Workshops

EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Pedagogy Courses

MUED 26700	Music Education for Children	2
MUED 28100	Contemporary Ensembles in the Public Schools: Instrumental-Band	1
MUED 36200	Teaching Instrumental Music	1
MUED 37500	Wind Instrument Pedagogy	2

Conducting Sequence

MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2

Secondary Instruments Study Plans

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 10100	Class Voice	1
PFSM 1xxxx	Additional Secondary Instruments (see instrument list below) ⁴	6(6.5)
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Student Teaching-Internships-Capstone

MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46900	Senior Block Student Teaching: Instrumental	6
MUED 47000	Senior Music Education Capstone and Portfolio (CP)	2

INTEGRATIVE CORE CURRICULUM ⁵

ICC Theme & Perspective ⁶

ICSM 10800	Ithaca Seminar in Writing ⁷	4
or ICSM 11800 Honors Ithaca Seminar: Writing		
EDUC 21010	Educational Psychology (SO)	3
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3

Competencies

Complementary Liberal Arts CLA

EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
xxxxx	Modern language ⁸	3
MATH xxxxx	Math requirement (except MATH 10000)	3

Course Attributes

Select 3 credits of each (DV, WI, QL) ⁹ 9

Capstone Experience

MUED 47000	Senior Music Education Capstone and Portfolio (CP) ¹⁰	2
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Total Credits 146

- ¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.
- ² Brass students may substitute two semesters of Brass Choir (at .5 credit each semester) for 1 credit of Chamber Music.
- ³ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam. Students who score below 84 percent must take the course, and they take the lower number of music electives.
- ⁴ Saxophone majors add .5 class horn.
- ⁵ The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ⁶ Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.
- ⁷ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).

⁸ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.

⁹ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

¹⁰ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Secondary Instruments

Bassoon

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Clarinet

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Euphonium

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5

Select two of the three Brass Courses below:

PFSM 13300 Class Trumpet

PFSM 13500	Class Trombone	
PFSM 13900	Class Tuba	
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Flute

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Horn

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13300	Class Trumpet	0.5
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Oboe

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Saxophone

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1

PFSM 12700	Class Bassoon	1
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Trombone

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Trumpet

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Tuba

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	0.5
PFSM 13500	Class Trombone	0.5
PFSM 14100	Percussion Class	1
PFSM 24700	String Class	1

Summary

Code	Title	Credits
	Music Requirements	83
	Music Education Requirements	35
	Integrative Core Curriculum Requirements	28-29
Total Credits		146

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 14300	Percussion I - Music Majors (4 credits times 2 semesters)	8
PFMJ 24300	Percussion II - Music Majors (4 credits times 2 semesters)	8
PFMJ 34300	Percussion III - Music Majors (4 credits times 2 semesters)	8
PFMJ 44300	Percussion IV - Music Majors (4 credits times 2 semesters)	8
PFMJ 49300	Percussion V - Music Majors (2 credits during Sr. Student Teaching semester)	2
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 9 semesters)	4.5
Recitals		
MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital	2
Ensembles		
Instrumental (1 credit times 8 semesters; .5 credit during Sr. Student Teaching semester)		8.5
MUEN 10500 Wind Ensemble or MUEN 10600 Concert Band or MUEN 10700 Wind Symphony or MUEN 11100 Symphony Orchestra		
Choral (.5 credit times 2 semesters)		1
MUEN 10800 Choir or MUEN 10900 Chorus or MUEN 11200 Treble Chorale		
MUEN 12700	Percussion Ensemble (.5 credit times 4 semesters)	2
Music Theory		
MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I or MUTH 12201 Music Theory I – Honors	2
MUTH 22100	Music Theory II or MUTH 22101 Music Theory II – Honors	2
MUTH 22200	Music Theory III or MUTH 22201 Music Theory III – Honors	2
MUTH 32100	Form and Analysis or MUTH 32101 Form and Analysis – Honors	2
MUTH 32200	Analysis of Music since 1900 or MUTH 32201 Analysis of Music since 1900 - Honors	2
Aural Skills		

MUTH 13300	Aural Skills I	1.5
or MUTH 13301	Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
or MUTH 13401	Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
or MUTH 23301	Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
or MUTH 23401	Aural Skills IV - Honors	
Other Music Requirements		
xxxxx	Music electives ^{1,2}	2-7
MUMC 10300	Introduction to Music Technology	1
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3
MUSIC EDUCATION REQUIREMENTS		
Intro Sequence		
MUED 10100	Introduction to Music Education: Career Orientation	0.5
MUED 10200	Music Field Experience I	0.5
MUED 20100	Music Field Experience II	0.5
MUED 20200	Current Topics in Music Education: Career Orientation	0.5
Mandated EDUC Workshops		
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
Pedagogy Courses		
MUED 26700	Music Education for Children	2
MUED 28100	Contemporary Ensembles in the Public Schools: Instrumental-Band	1
MUED 36200	Teaching Instrumental Music	1
MUED 37500	Wind Instrument Pedagogy	2
Conducting Sequence		
MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2
Secondary Instruments Study Plans		
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 10100	Class Voice	1
PFSM 24700	String Class	1
PFSM xxxxx	Additional Secondary Instruments (see instrument list below)	7
Student Teaching-Internships-Capstones		
MUED 37100	Student Teaching: Instrumental	2

MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46900	Senior Block Student Teaching: Instrumental	6
MUED 47000	Senior Music Education Capstone and Portfolio	2
INTEGRATIVE CORE CURRICULUM ³		
ICC Theme & Perspective ⁴		
ICSM 10800	Ithaca Seminar in Writing ⁵	4
or ICSM 11800	Honors Ithaca Seminar: Writing	
EDUC 21010	Educational Psychology (SO)	3
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
Competencies		
Complementary Liberal Arts CLA		
EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
xxxxx	Modern language ⁶	3
MATH xxxxx	Math requirement (except MATH 10000)	3
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁷		9
Capstone Experience		
MUED 47000	Senior Music Education Capstone and Portfolio (CP) ⁸	2
Total Credits		146

¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.

² Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History and Composition. Students who score below 84 percent must take the course, and they take the lower number of music electives.

³ The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

⁴ Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.

⁵ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

- 6 For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.
- 7 The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- 8 MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Secondary Instruments

Percussion

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 12100	Class Flute	1
PFSM 12300	Class Oboe	1
PFSM 12500	Class Clarinet	1
PFSM 12700	Class Bassoon	1
PFSM 12900	Class Saxophone	0.5
PFSM 13100	Class Horn	0.5
PFSM 13300	Class Trumpet	1
PFSM 13500	Class Trombone	0.5
PFSM 13900	Class Tuba	0.5
PFSM 24700	String Class	1

Summary

Code	Title	Credits
Music Requirements		84
Music Education Requirements		34
Integrative Core Curriculum		28-29
Total Credits		146

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 1xxxx	Private Instrument I - Music Major (4 credits times 2 semesters)	8
PFMJ 2xxxx	Private Instrument II - Music Major (4 credits times 2 semesters)	8
PFMJ 3xxxx	Private Instrument III - Music Major (4 credits times 2 semesters)	8
PFMJ 4xxxx	Private Instrument IV - Music Major (4 credits times 2 semesters)	8
PFMJ 4xxxx	Private Instrument V - Music Major (2 credits during Sr. Students Teaching semester)	2
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 9 semesters)	4.5

Recitals

MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital	2

Ensemble

Instrumental (1 credit time 8 semesters; .5 credit during Sr. Student Teaching semester)		8.5
MUEN 10500	Wind Ensemble or MUEN 10600 Concert Band or MUEN 10700 Wind Symphony or MUEN 11100 Symphony Orchestra	
Choral (.5 credit times 2 semesters)		1
MUEN 10800	Choir or MUEN 10900 Chorus or MUEN 11200 Treble Chorale	
MUEN 32100	Chamber Music (.5 credit times 4 semesters)	2

Music Theory

MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I or MUTH 12201 Music Theory I – Honors	2
MUTH 22100	Music Theory II or MUTH 22101 Music Theory II – Honors	2
MUTH 22200	Music Theory III or MUTH 22201 Music Theory III – Honors	2
MUTH 32100	Form and Analysis or MUTH 32101 Form and Analysis – Honors	2
MUTH 32200	Analysis of Music since 1900 or MUTH 32201 Analysis of Music since 1900 - Honors	2

Aural Skills

MUTH 13300	Aural Skills I or MUTH 13301 Aural Skills I - Honors	1.5
MUTH 13400	Aural Skills II or MUTH 13401 Aural Skills II - Honors	1.5
MUTH 23300	Aural Skills III or MUTH 23301 Aural Skills III - Honors	1
MUTH 23400	Aural Skills IV or MUTH 23401 Aural Skills IV - Honors	1

Other Music Requirements

xxxxx	Music electives ^{1,2}	3-8
MUMC 10300	Introduction to Music Technology	1
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS

Music History

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

MUSIC EDUCATION REQUIREMENTS

Intro Sequence

MUED 10100	Introduction to Music Education: Career Orientation	0.5
MUED 10200	Music Field Experience I	0.5

MUED 20100	Music Field Experience II	0.5
MUED 20200	Current Topics in Music Education: Career Orientation	0.5

Mandated EDUC Workshops

EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Pedagogy Courses

MUED 26700	Music Education for Children	2
MUED 28200	Contemporary Ensembles in the Public Schools: Instrumental-Orchestra	1
MUED 34700	String Pedagogy	2
MUED 36200	Teaching Instrumental Music	1

Conducting Sequence

MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2

Secondary Instruments

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 10100	Class Voice	1
PFSM 1xxxx	Additional Secondary Instruments (see instrument list below)	4
PFSM 14100	Percussion Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Student Teaching-Internships-Capstone

MUED 37100	Student Teaching: Instrumental	2
MUED 38200	Student Teaching and Rehearsal Lab: Instrumental-Orchestra	2
MUED 46900	Senior Block Student Teaching: Instrumental	6
MUED 47000	Senior Music Education Capstone and Portfolio (CP)	2

INTEGRATIVE CORE CURRICULUM³**ICC Theme & Perspective⁴**

ICSM 10800	Ithaca Seminar in Writing ⁵	4
	or ICSM 11800 Honors Ithaca Seminar: Writing	
EDUC 21010	Educational Psychology (SO)	3
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3

Competencies**Complementary Liberal Arts CLA**

EDUC 23900	Educating Students with Special Needs in Diverse Classrooms	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
xxxxx	Modern language ⁶	3

MATH xxxxx	Math requirement (except MATH 10000)	3
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Course Attributes

Select 3 credits of each (DV, WI, QL) ⁷	9
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Capstone Experience

MUED 47000	Senior Music Education Capstone and Portfolio (CP) ⁸	2
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Total Credits	146
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- ¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.
- ² Students may fulfill this requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History and Composition. Students who score below 84 percent must take the course, and they take the lower number of music electives.
- ³ The 28-29 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ⁴ Student will use the following four courses to complete all four Perspectives (CA, HM, SC and SO) within a single Theme.
- ⁵ ICSM 10800 or ICSM 11800 fulfills WRTG 10600. Students who score 4 or 5 on the AP English Literature exam or AP English Language and Composition take ICSM 10500 or 11000 in place of ICSM 10800 or 11800. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁶ For Vocal Track an Additional semester of modern language is recommended. Students who place into level 102 or higher of modern language [via the in person exam given by the related department (the online version does not count)] meet the minimum requirements for modern language proficiency. These students can fulfill the 3-credit modern language requirement by taking an upper level modern language course or by substituting 3-credits of liberal arts electives for this requirement.
- ⁷ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁸ MUED 47000 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Secondary Instruments

Cello

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 10900	Class Violin I	1
PFSM 11000	Class Violin II	1
PFSM 11200	Class Viola	1
PFSM 11500	Class Double Bass	1
PFSM 14100	Percussion Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Double Bass

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 10900	Class Violin I	1
PFSM 11000	Class Violin II	1
PFSM 11200	Class Viola	1
PFSM 11300	Class Cello I	1
PFSM 14100	Percussion Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Viola

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 10900	Class Violin I	1
PFSM 11300	Class Cello I	1
PFSM 11400	Class Cello II	1
PFSM 11500	Class Double Bass	1
PFSM 14100	Percussion Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Violin

Code	Title	Credits
PFSM 10100	Class Voice	1
PFSM 11200	Class Viola	1
PFSM 11300	Class Cello I	1
PFSM 11400	Class Cello II	1
PFSM 11500	Class Double Bass	1
PFSM 14100	Percussion Class	1
PFSM 34900	Woodwind Class	1
PFSM 35100	Brass Class	1

Performance Major – B.M.

Summary

Code	Title	Credits
Music Requirements		90
Integrative Core Curriculum Requirements		31-32
Total Credits		121

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 10100	Voice I - Music Major (4 credits times 2 semesters)	8
PFMJ 20100	Voice II - Music Majors (4 credits times 2 semesters)	8
PFMJ 30100	Voice III - Music Majors (4 credits times 2 semesters)	8
PFMJ 40100	Voice IV - Music Majors (4 credits times 2 semesters)	8

PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4
Ensembles		
Choral (1 credit times 8 semesters)		8
MUEN 10800 Choir or MUEN 10900 Chorus or MUEN 11000 Treble Chorale		
Recitals		
MUMC 37300	Required Junior Recital	1
MUMC 47301	Senior Voice Recital (CP)	2
Music Theory		
MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I or MUTH 12201 Music Theory I – Honors	2
MUTH 22100	Music Theory II or MUTH 22101 Music Theory II – Honors	2
MUTH 22200	Music Theory III or MUTH 22201 Music Theory III – Honors	2
MUTH 32100	Form and Analysis or MUTH 32101 Form and Analysis – Honors	2
MUTH 32200	Analysis of Music since 1900 or MUTH 32201 Analysis of Music since 1900 - Honors	2
Aural Skills		
MUTH 13300	Aural Skills I or MUTH 13301 Aural Skills I - Honors	1.5
MUTH 13400	Aural Skills II or MUTH 13401 Aural Skills II - Honors	1.5
MUTH 23300	Aural Skills III or MUTH 23301 Aural Skills III - Honors	1
MUTH 23400	Aural Skills IV or MUTH 23401 Aural Skills IV - Honors	1
Secondary Instruments		
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 27100	Keyboard Musicianship III - Vocal Performance Majors	1
PFSM 27200	Keyboard Musicianship IV - Vocal Performance Majors	1
Other Music Requirements		
MUMC 16100	Diction I	2
MUMC 16200	Diction II	2
MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ²	6-11
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3
INTEGRATIVE CORE CURRICULUM ³		

ICC Theme & Perspective

ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3

Competencies

WRTG 10600	Academic Writing I ⁴	3
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Complementary Liberal Arts

xxxxx	Modern Language (French, German or Italian) ⁵	6
xxxxx	Liberal Arts Electives	6

Course Attributes

Select 3 credits of each (DV, WI, QL) ⁶	9
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Capstone Experience

MUMC 47301	Senior Voice Recital (CP) ⁷	2
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E-portfolio

Total Credits	121
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¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.

² Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.

³ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

⁴ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁵ Vocal majors take 6 credits of a single language unless they place into a second-semester level, in which case they may elect to fulfill the requirement with two different languages.

⁶ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁷ MUMC 47301 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
	Music Requirements	90
	Integrative Core Curriculum Requirements	31-32
Total Credits		121

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 10300	Piano I - Music Majors (4 credits times 2 semesters)	8
PFMJ 20300	Piano II - Music Majors (4 credits times 2 semesters)	8
PFMJ 30300	Piano III - Music Majors (4 credits times 2 semesters)	8
PFMJ 40300	Piano IV - Music Majors (4 credits times 2 semesters)	8
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4
Ensembles		
MUEN 11700	The Pianist as Collaborator	1
MUEN 11800	The Pianist as Collaborator	1
MUEN 21700	Piano-Vocal Collaboration	1
MUEN 21800	Piano-Instrumental Collaboration	1
MUEN 31700	Piano/Instrumental Duo	1
	or MUEN 31800Piano/Vocal Duo	
MUEN 30300	Piano Ensemble	1
MUEN 1xxxx	Elective major ensemble (1 credit times 2 semesters)	2
MUEN 32100	Chamber Music (.5 credit times 3 semesters)	1.5
Recitals		
MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital	2
Music Theory		
MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
	or MUTH 12201Music Theory I – Honors	
MUTH 22100	Music Theory II	2
	or MUTH 22101Music Theory II – Honors	
MUTH 22200	Music Theory III	2
	or MUTH 22201Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
	or MUTH 32101Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
	or MUTH 32201Analysis of Music since 1900 - Honors	
Aural Skills		
MUTH 13300	Aural Skills I	1.5
	or MUTH 13301Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
	or MUTH 13401Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
	or MUTH 23301Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
	or MUTH 23401Aural Skills IV - Honors	
Secondary Instrument		

PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
MUMC 27900	Introduction to the Harpsichord	1
or MUMC 27700	Introduction to the Organ	

Other Music Requirements

MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
MUMC 48500	Survey of Piano Literature I	1
MUMC 48600	Survey of Piano Literature II	1
MUMC 49300	Piano Pedagogy	2
xxxxx	Music electives ²	5.5-10.5
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS

Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

INTEGRATIVE CORE CURRICULUM ³**ICC Theme & Perspective**

ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3

Competencies

WRTG 10600	Academic Writing I ⁴	3
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Complementary Liberal Arts CLA ⁵

xxxxx	Liberal Arts Electives	12
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Course Attributes

Select 3 credits of each (DV, WI, QL) ⁶	9
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Capstone Experience

MUMC 47300	Required Senior Recital (CP) ⁷	2
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E-portfolio

Total Credits	121
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¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.

² Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.

³ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

⁴ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁵ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.

⁶ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁷ MUMC 47300 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
	Music Requirements	90
	Integrative Core Curriculum Requirements	31-32
Total Credits		121

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		

Private Lesson Requirement ¹		
PFMJ 10500	Organ I - Music Majors (4 credits times 2 semesters)	8
PFMJ 20500	Organ II - Music Majors (4 credits times 2 semesters)	8
PFMJ 30500	Organ III - Music Majors (4 credits times 2 semesters)	8
PFMJ 40500	Organ IV - Music Majors (4 credits times 2 semesters)	8
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4

Ensembles		
MUEN 11700	The Pianist as Collaborator	1
MUEN 11800	The Pianist as Collaborator	1
MUEN 30300	Piano Ensemble (1 credit times 6 semesters)	6
MUEN 32100	Chamber Music (.5 credit times 4 semesters)	2

Recitals		
MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital (CP)	2

Music Theory		
MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
	or MUTH 12201 Music Theory I – Honors	
MUTH 22100	Music Theory II	2
	or MUTH 22101 Music Theory II – Honors	
MUTH 22200	Music Theory III	2
	or MUTH 22201 Music Theory III – Honors	

MUTH 32100	Form and Analysis	2
or MUTH 32101	Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
or MUTH 32201	Analysis of Music since 1900 - Honors	

Aural Skills

MUTH 13300	Aural Skills I	1.5
or MUTH 13301	Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
or MUTH 13401	Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
or MUTH 23301	Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
or MUTH 23401	Aural Skills IV - Honors	

Secondary Instruments

PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
PFMJ 10302	Piano I - Secondary Instrument	1
or PFMJ 10702	Harpsichord I-Secondary Instrument	
MUMC 27900	Introduction to the Harpsichord	1
or MUMC 27700	Introduction to the Organ	

Other Music Requirements

MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
MUMC 48500	Survey of Piano Literature I	1
MUMC 48600	Survey of Piano Literature II	1
MUMC 49300	Piano Pedagogy	2
xxxxx	Music electives ²	4-9
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS**Music History**

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

INTEGRATIVE CORE CURRICULUM ³**ICC Theme & Perspective**

ICSM 1xxxx:Ithaca Seminar		4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3

Competencies

WRTG 10600	Academic Writing I ⁴	3
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Complementary Liberal Arts CLA ⁵

xxxxx	Liberal Arts Electives	12
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Course Attributes

Select 3 credits of each (DV, WI, QL) ⁶		9
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Capstone Experience

MUMC 47300	Required Senior Recital (CP) ⁷	2
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E-portfolio	
Total Credits	121

- ¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.
- ² Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.
- ³ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ⁴ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁵ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.
- ⁶ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁷ MUMC 47300 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
	Music Requirements	90
	Integrative Core Curriculum Requirements	31-32
Total Credits		121

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 11700	Classical Guitar I - Majors (4 credits times 2 semesters)	8
PFMJ 21700	Classical Guitar II - Music Majors (4 credits times 2 semesters)	8
PFMJ 31700	Classical Guitar III - Music Majors (4 credits times 2 semesters)	8
PFMJ 41700	Classical Guitar IV - Music Majors (4 credits times 2 semesters)	8
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4
Ensembles		
MUEN 11500	Guitar Ensemble (1 credit times six semesters)	6
	Choral Ensemble (1 credit times 2 semesters)	2

MUEN 10800	Choir	
or MUEN 10900	Chorus	
or MUEN 11000	Double Choral	
Recitals		
MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital	2
Music Theory		
MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
or MUTH 12201	Music Theory I – Honors	
MUTH 22100	Music Theory II	2
or MUTH 22101	Music Theory II – Honors	
MUTH 22200	Music Theory III	2
or MUTH 22201	Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
or MUTH 32101	Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
or MUTH 32201	Analysis of Music since 1900 - Honors	
Aural Skills		
MUTH 13300	Aural Skills I	1.5
or MUTH 13301	Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
or MUTH 13401	Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
or MUTH 23301	Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
or MUTH 23401	Aural Skills IV - Honors	
Secondary Instruments		
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
Other Music Requirements		
MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ²	12-17
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3
INTEGRATIVE CORE CURRICULUM ³		
ICC Theme & Perspective		
ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3
Competencies		
WRTG 10600	Academic Writing I ⁴	3
Complementary Liberal Arts CLA ⁵		

xxxxx	Liberal Arts Electives	12
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁶		9
Capstone Experience		
MUMC 47300	Required Senior Recital (CP) ⁷	2
E-portfolio		
Total Credits		121

- ¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.
- ² Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.
- ³ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ⁴ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College’s AP policy, see Advanced Placement Policy (p. 699).)
- ⁵ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.
- ⁶ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁷ MUMC 47300 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student’s School of Music degree requirements.

Summary

Code	Title	Credits
Music Requirements		90
Integrative Core Curriculum Requirements		31-32
Total Credits		121

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 1xxxx	Private Instrument I - Music Major (4 credits times 2 semesters)	8
PFMJ 2xxxx	Private Instrument II - Music Major (4 credits times 2 semesters)	8
PFMJ 3xxxx	Private Instrument III - Music Major (4 credits times 2 semesters)	8
PFMJ 4xxxx	Private Instrument IV - Music Major (4 credits times 2 semesters)	8

PFMJ 19900 Performance Repertoire and Pedagogy 4
(.5 credit times 8 semesters)

Ensembles

Instrumental (1 credit times 8 semesters) 8

MUEN 10500 Wind Ensemble

or MUEN 10 Concert Band

or MUEN 10 Wind Symphony

or MUEN 11 Symphony Orchestra

MUEN 32100 Chamber Music (.5 credit times 4 semesters)² 2

or MUEN 12300 Brass Choir

Recitals

MUMC 37300 Required Junior Recital 1

MUMC 47300 Required Senior Recital (CP) 2

Music Theory

MUTH 10100 Fundamentals of Music Theory³ 1

MUTH 12100 Introduction to Musical Styles 2

MUTH 12200 Music Theory I 2

or MUTH 12201 Music Theory I – Honors

MUTH 22100 Music Theory II 2

or MUTH 22101 Music Theory II – Honors

MUTH 22200 Music Theory III 2

or MUTH 22201 Music Theory III – Honors

MUTH 32100 Form and Analysis 2

or MUTH 32101 Form and Analysis – Honors

MUTH 32200 Analysis of Music since 1900 2

or MUTH 32201 Analysis of Music since 1900 - Honors

Aural Skills

MUTH 13300 Aural Skills I 1.5

or MUTH 13301 Aural Skills I - Honors

MUTH 13400 Aural Skills II 1.5

or MUTH 13401 Aural Skills II - Honors

MUTH 23300 Aural Skills III 1

or MUTH 23301 Aural Skills III - Honors

MUTH 23400 Aural Skills IV 1

or MUTH 23401 Aural Skills IV - Honors

Secondary Instruments

PFSM 17100 Keyboard Musicianship I 1

PFSM 17200 Keyboard Musicianship II 1

Other Music Requirements

MUMC 16600 Career Orientation 1

MUMC 10300 Introduction to Music Technology 1

xxxxx Music electives 10-11

MUMC 10100 Required Recital Attendance (six semesters required) 0

MUSIC LIBERAL ARTS REQUIREMENTS

Music History

MUTH 25500 History and Literature of Music I 3

MUTH 25600 History and Literature of Music II (WI) 3

MUTH 35500 History and Literature of Music III 3

INTEGRATIVE CORE CURRICULUM⁴

ICC Theme & Perspective

ICSM 1xxxx Ithaca Seminar 4

xxxxx Creative Arts (CA) 3

xxxxx Humanities (HM) 3

xxxxx Natural Science (SC) 3

xxxxx Social Science (SO) 3

Competencies

WRTG 10600 Academic Writing I⁵ 3

Complementary Liberal Arts CLA⁶

xxxxx Liberal Arts Electives 12

Course Attributes

Select 3 credits of each (DV, WI, QL)⁷ 9

Capstone Experience

MUMC 47300 Required Senior Recital (CP)⁸ 2

E-portfolio

Total Credits 121

¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance degree program. Students entering the performance degree program prior to the sophomore year will substitute music electives for any missing lessons study.

² Brass students may substitute two semesters of Brass Choir (at 0.5 credit each semester) for 1 credit of Chamber Music. Percussion students take 2 credits of Percussion Ensemble.

³ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.

⁴ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

⁵ Students may earn credit for Academic WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁶ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.

⁷ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁸ MUMC 47300 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Performance, Collaborative Emphasis – B.M.

Because of the specific focus and intensive nature of the degree program in *music in performance - collaborative emphasis*, it may not be combined with other degrees (such as music education).

Summary

Code	Title	Credits
Music Requirements		94
Integrative Core Curriculum Requirements		31-32
Total Credits		125

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement ¹		
PFMJ 10300	Piano I - Music Majors (4 credits times 2 semesters)	8
PFMJ 20300	Piano II - Music Majors (4 credits times 2 semesters)	8
PFMJ 30300	Piano III - Music Majors (4 credits times 2 semesters)	8
PFMJ 40300	Piano IV - Music Majors (4 credits times 2 semesters)	8
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4
Ensemble		
MUEN 11700	The Pianist as Collaborator	1
MUEN 11800	The Pianist as Collaborator	1
MUEN 21700	Piano-Vocal Collaboration	1
MUEN 21800	Piano-Instrumental Collaboration	1
MUEN 31700	Piano/Instrumental Duo	1
MUEN 31800	Piano/Vocal Duo	1
MUEN 30300	Piano Ensemble	1
Choral Ensemble		
MUEN 10800	Choir	1
or MUEN 10900	Chorus	1
or MUEN 11000	Double Chorale	1
MUEN 32100	Chamber Music (.5 credit times 2 semesters)	1
Private Accompanying		
PFMJ 44700	Private Accompanying	1
PFMJ 44800	Private Accompanying	1
Recitals		
MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital	2
MUMC 47500	Required Collaborative Recital (CP)	1
Music Theory		
MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
or MUTH 12201	Music Theory I – Honors	
MUTH 22100	Music Theory II	2
or MUTH 22101	Music Theory II – Honors	
MUTH 22200	Music Theory III	2
or MUTH 22201	Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
or MUTH 32101	Form and Analysis – Honors	

MUTH 32200	Analysis of Music since 1900	2
or MUTH 32201	Analysis of Music since 1900 - Honors	
Aural Skills		
MUTH 13300	Aural Skills I	1.5
or MUTH 13301	Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
or MUTH 13401	Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
or MUTH 23301	Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
or MUTH 23401	Aural Skills IV - Honors	
Secondary Instrument		
PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
MUMC 27900	Introduction to the Harpsichord	1
PFMJ 10702	Harpsichord I-Secondary Instrument	1
Other Music Requirements		
MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
MUMC 48500	Survey of Piano Literature I	1
MUMC 48600	Survey of Piano Literature II	1
MUMC 49300	Piano Pedagogy	2
MUMC 44700	Opera Workshop	2
MUMC 16100	Diction I	2
MUMC 16200	Diction II	2
xxxxx	Music electives ²	0-5
MUMC 10100	Required Recital Attendance	0
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3
INTEGRATIVE CORE CURRICULUM ³		
ICC Theme & Perspective		
ICSM 1xxxx	Ithaca Seminar	4
ENGL 11300	Introduction to Poetry (HM)	3
xxxxx	Creative Arts (CA)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3
Competencies		
WRTG 10600	Academic Writing I ⁴	3
Complementary Liberal Arts CLA		
xxxxx	Modern Language (French, German or Italian) ⁵	12
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁶		9
Capstone Experience		
MUMC 47500	Required Collaborative Recital (CP) ⁷	1
E-portfolio		
Total Credits		125

- ¹ Students entering the School of Music in a non-performance degree program will take 2 credits of private lessons each semester until they are accepted into the performance-collaborative emphasis program. Students entering the performance-collaborative emphasis program prior to the sophomore year will substitute music electives for any missing private lesson credits from the previous semester.
- ² Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.
- ³ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ⁴ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁵ 6 credits each for two of the following: French, German, or Italian. If equivalent proficiency can be demonstrated in one of these languages, then the remaining two should be studied.
- ⁶ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁷ MUMC 47500 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Sound Recording Technology Major – B.M.

Summary

Code	Title	Credits
	Music Requirements	63
	Sound Recording Technology Requirements	26-29
	Integrative Core Curriculum Requirements	31-32
Total Credits		120

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
PFMJ 10100	Voice I - Music Major (2 credits times 2 semesters)	4
PFMJ 20100	Voice II - Music Majors (2 credits times 2 semesters)	4
PFMJ 30100	Voice III - Music Majors (2 credits times 2 semesters)	4
PFMJ 40100	Voice IV - Music Majors (2 credits times 1 semesters; 1 credit during Internship semester)	3-4
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4
Ensembles		

Choral (1 credit times 7 semesters; .5 credit during Internship semester) 7.5-8

MUEN 10800	Choir	
	or MUEN 10900 Chorus	
	or MUEN 11000 Treble Chorale	

Music Theory

MUTH 10100	Fundamentals of Music Theory ¹	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
	or MUTH 12201 Music Theory I – Honors	
MUTH 22100	Music Theory II	2
	or MUTH 22101 Music Theory II – Honors	
MUTH 22200	Music Theory III	2
	or MUTH 22201 Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
	or MUTH 32101 Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2-3
	or MUTH 32201 Analysis of Music since 1900 - Honors	
	or MUTH 35500 History and Literature of Music III	

Aural Skills

MUTH 13300	Aural Skills I	1.5
	or MUTH 13301 Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
	or MUTH 13401 Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
	or MUTH 23301 Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
	or MUTH 23401 Aural Skills IV - Honors	

Secondary Instruments

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1

Other Music Requirements

MUMC 16100	Diction I	2
MUMC 16200	Diction II	2
xxxxx	Music electives ¹	0-2.5
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS

Music History

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
Choose one of the following:		2-3

JAZZ 16100	Survey of Black American Folk Music History	
MUNM 14000	Rock Styles Since 1955	
MUMC 24500	Music Industry Past and Present: History of Recorded Music	

SOUND RECORDING TECHNOLOGY REQUIREMENTS

MSRT 14200	Audio-Recording Systems I	2
MSRT 14300	Audio-Recording Systems II	2
MSRT 24100	Recording Workshop I	2
MSRT 24200	Recording Workshop II	2

MSRT 24300	Critical Listening for the Recording Studio (0.5 times 4 semesters)	2
MSRT 34100	Advanced Recording Workshop I	2
MSRT 34200	Advanced Recording Workshop II	2
MSRT 34800	Advanced Microphone Techniques	3
MSRT 34900	Advanced Recording Techniques	3
MSRT 39100	Music Internship Preparation	2
MSRT 49100	Music Recording Internship	1-4
MSRT 49200	Senior Project	3

OTHER SOUND RECORDING TECHNOLOGY REQUIREMENTS

THEA 31500	Advanced Sound Technology	3
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INTEGRATIVE CORE CURRICULUM ²

ICC Theme & Perspective

ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (NS)	3
xxxxx	Social Science (SO)	3

Competencies

WRTG 10600	Academic Writing I ³	3
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Complementary Liberal Arts CLA ⁴

PHYS 16000	Physics of Sound	3
xxxxx	Modern Language (French, German or Italian recommended)	6
xxxxx	Liberal Arts Electives	3

Course Attributes

Select 3 credits of each (DV, WI, QL) ⁵	9
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Capstone Experience

MSRT 49200	Senior Project (CP) ⁶	3
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E-portfolio

Total Credits	120-125
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¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.

² The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

³ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁴ Vocal Majors take 6 credits of a single language unless they place into a second-semester level, in which case they may elect to fulfill the requirements with two different languages.

⁵ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁶ MSRT 49200 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
	Music Requirements	63
	Sound Recording Technology Requirements	26-29
	Integrative Core Curriculum Requirements	31-32
Total Credits		120

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		

Private Lesson Requirement		
PFMJ 1xxxx	Private Instrument I - Music Major (2 credits times 2 semesters)	4
PFMJ 2xxxx	Private Instrument II - Music Major (2 credits times 2 semesters)	4
PFMJ 3xxxx	Private Instrument III - Music Major (2 credits times 2 semesters)	4
PFMJ 4xxxx	Private Instrument IV - Music Major (2 credits times 1 semesters; 1 credit during Internship semester)	3-4
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4

Ensembles

Instrumental (1 credit times 7 semesters; .5 credit during Internship semester)	7.5-8
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MUEN 10500	Wind Ensemble	
or MUEN 10600	Concert Band	
or MUEN 10700	Wind Symphony	
or MUEN 11100	Symphony Orchestra	

Music Theory

MUTH 10100	Fundamentals of Music Theory ¹	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
or MUTH 12201	Music Theory I -- Honors	
MUTH 22100	Music Theory II	2
or MUTH 22101	Music Theory II -- Honors	
MUTH 22200	Music Theory III	2
or MUTH 22201	Music Theory III -- Honors	
MUTH 32100	Form and Analysis	2
or MUTH 32101	Form and Analysis -- Honors	
MUTH 32200	Analysis of Music since 1900	2-3
or MUTH 32201	Analysis of Music since 1900 - Honors	
or MUTH 35500	History and Literature of Music III	

Aural Skills

MUTH 13300	Aural Skills I	1.5
or MUTH 13301	Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
or MUTH 13401	Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
or MUTH 23301	Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
or MUTH 23401	Aural Skills IV - Honors	

Secondary Instruments

PFSM 17100	Keyboard Musicianship I (Keyboard Majors take PFSM 17500)	1
or PFSM 17500 Keyboard Musicianship I - Keyboard Majors		
PFSM 17200	Keyboard Musicianship II (Keyboard Majors take PFSM 17600)	1
or PFSM 17600 Keyboard Musicianship II - Keyboard Majors		

Other Music Requirements

MUMC 10100	Required Recital Attendance	0
xxxxx	Music electives ¹	0-6.5

MUSIC LIBERAL ARTS REQUIREMENTS**Music History**

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
Choose one of the following:		2-3

JAZZ 16100	Survey of Black American Folk Music History	
MUNM 14000	Rock Styles Since 1955	
MUMC 24500	Music Industry Past and Present: History of Recorded Music	

SOUND RECORDING TECHNOLOGY REQUIREMENTS

MSRT 14200	Audio-Recording Systems I	2
MSRT 14300	Audio-Recording Systems II	2
MSRT 24100	Recording Workshop I	2
MSRT 24200	Recording Workshop II	2
MSRT 24300	Critical Listening for the Recording Studio (.5 credits times 4 semesters)	2
MSRT 34100	Advanced Recording Workshop I	2
MSRT 34200	Advanced Recording Workshop II	2
MSRT 34800	Advanced Microphone Techniques	3
MSRT 34900	Advanced Recording Techniques	3
MSRT 39100	Music Internship Preparation	2
MSRT 49100	Music Recording Internship	1-4
MSRT 49200	Senior Project	3

OTHER SOUND RECORDING TECHNOLOGY REQUIREMENTS

THEA 31500	Advanced Sound Technology	3
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INTEGRATIVE CORE CURRICULUM ²**ICC Theme & Perspective**

ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3

Competencies

WRTG 10600	Academic Writing I ³	3
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Complementary Liberal Arts ⁴

PHYS 16000	Physics of Sound	3
xxxxx	Liberal Arts Electives	9

Course Attributes

Select 3 credits of each (DV, WI, QL) ⁵		9
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Capstone Experience

MSRT 49200	Senior Project ⁶	3
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E-portfolio

Total Credits	120-121
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- ¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.
- ² The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ³ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁴ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.
- ⁵ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁶ MSRT 49200 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Jazz Studies Major – B.M.

Summary

Code	Title	Credits
	Music Requirements	78
	Jazz Studies Requirements	12
	Integrative Core Curriculum Requirements	31-32
Total Credits		121

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
Jazz: ¹		
JAZZ 17001	Jazz Private Study I, minor instrument or concentration (1 credit times 2 semesters)	2
JAZZ 27001	Jazz Private Study II, minor instrument (1 credit times 2 semesters)	2
JAZZ 17000	Jazz Private Study I, major instrument (2 credits times 2 semesters)	4
JAZZ 27000	Jazz Private Study II, major instrument (2 credits times 2 semesters)	4
JAZZ 19900	Jazz Repertoire and Pedagogy (.5 credit times 6 semesters)	3
Classical: ¹		
PFMJ 10100	Voice I - Music Major (2 credits times 2 semesters)	4

PFMJ 20100	Voice II - Music Majors (2 credits times 2 semesters)	4
PFMJ 10101	Voice I - Music Minors (1 credit times 1 semester)	1
PFMJ 20101	Voice II - Music Minors (1 credit times 1 semester)	1
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 6 semesters)	3
Ensembles		
MUEN 12500	Jazz Vocal Ensemble (1 credit times 8 semesters)	8
MUEN 32100	Chamber Music ((small jazz ensemble) (.5 credit times 4 semesters))	2
Recitals		
MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital (CP)	2
Music Theory		
MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
	or MUTH 12201Music Theory I – Honors	
MUTH 22100	Music Theory II	2
	or MUTH 22101Music Theory II – Honors	
MUTH 22200	Music Theory III	2
	or MUTH 22201Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
	or MUTH 32101Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
	or MUTH 32201Analysis of Music since 1900 - Honors	
Aural Skills		
MUTH 13300	Aural Skills I	1.5
	or MUTH 13301Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
	or MUTH 13401Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
	or MUTH 23301Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
	or MUTH 23401Aural Skills IV - Honors	
Secondary Instruments		
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
JAZZ 16600	Jazz Piano I	1
JAZZ 16700	Jazz Piano II	1
Other Music Requirements		
MUMC 10300	Introduction to Music Technology	1
MUMC 16100	Diction I	2
MUMC 16600	Career Orientation	1
xxxxx	Music electives ^{2,3}	2-5
MUMC 10100	Required Recital Attendance (six semesters required)	0
JAZZ REQUIREMENTS		
JAZZ 16100	Survey of Black American Folk Music History	2

JAZZ 20000	Jazz Theory and Aural Training I ³	1
JAZZ 20100	Jazz Theory and Aural Training II ³	1
JAZZ 21000	Jazz Standards and Literature I	2
JAZZ 31000	Jazz Standards and Literature II	2
JAZZ 32300	Jazz Arranging I	2
JAZZ 32500	Jazz Arranging II	2
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3
INTEGRATIVE CORE CURRICULUM ⁴		
ICC Theme & Perspective		
ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3
Competencies		
WRTG 10600	Academic Writing I ⁵	3
Complementary Liberal Arts CLA		
xxxxx	Modern Language (Spanish or Portuguese) ⁶	6
xxxxx	Liberal Arts Elective	6
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁷		9
Capstone Experience		
MUMC 47300	Required Senior Recital (CP) ⁸	2
E-portfolio		
Total Credits		121

¹ Jazz Studies majors enroll in each major level (I and II) for semesters and each minor level (I and II) for 2 semesters.

² Students may fulfill this requirement by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take a lower number of electives to reach 120 total credits.

³ Students may fulfill this requirement by scoring 84 or higher on a placement exam administered by the Department of Jazz Studies. Students who score below 84 percent on the exam must take these courses, and they take a lower number of music electives to reach 120 total credits.

⁴ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

⁵ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁶ Vocal majors take 6 credits of a single language unless they place into a second-semester level, in which case they may elect to fulfill the requirement with two different languages.

⁷ The DV, WI and QL attribute requirements of the Integrated Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁸ MUMC 47300 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
	Music Requirements	76
	Jazz Studies Requirements	14
	Integrative Core Curriculum Requirements	31-32
Total Credits		121

Code	Title	Credits
MUSIC REQUIREMENTS		

Private Lesson Requirement

Jazz: ¹		
JAZZ 17001	Jazz Private Study I, minor instrument or concentration (1 credit times 2 semesters)	2
JAZZ 27001	Jazz Private Study II, minor instrument (1 credit times 2 semesters)	2
JAZZ 17000	Jazz Private Study I, major instrument (2 credits times 2 semesters)	4
JAZZ 27000	Jazz Private Study II, major instrument (2 credits times 2 semesters)	4
JAZZ 19900	Jazz Repertoire and Pedagogy (.5 credit times 8 semesters)	4
Classical: ¹		
PFMJ 10300	Piano I - Music Majors (2 credits times 2 semesters)	4
PFMJ 20300	Piano II - Music Majors (2 credits times 2 semesters)	4
PFMJ 10301	Piano I - Music Minors	1
PFMJ 20301	Piano II - Music Minors	1
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credits times 4 semesters)	2

Ensembles

MUEN 11700	The Pianist as Collaborator	1
MUEN 11800	The Pianist as Collaborator	1
MUEN 12500	Jazz Vocal Ensemble (1 credit times 6 semesters)	6
MUEN 32100	Chamber Music (.5 credits times 4 semesters)	2

Recitals

MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital	2

Music Theory

MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
	or MUTH 12201 Music Theory I – Honors	
MUTH 22100	Music Theory II	2
	or MUTH 22101 Music Theory II – Honors	

MUTH 22200	Music Theory III	2
	or MUTH 22201 Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
	or MUTH 32101 Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
	or MUTH 32201 Analysis of Music since 1900 - Honors	

Aural Skills

MUTH 13300	Aural Skills I	1.5
	or MUTH 13301 Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
	or MUTH 13401 Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
	or MUTH 23301 Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
	or MUTH 23401 Aural Skills IV - Honors	

Secondary Instruments

PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
JAZZ 16600	Jazz Piano I	1
JAZZ 16700	Jazz Piano II	1

Other Music Requirements

MUMC 10300	Introduction to Music Technology	1
MUMC 16600	Career Orientation	1
xxxxx	Music electives ^{2,3}	2-5
MUMC 10100	Required Recital Attendance (six semesters required)	0

JAZZ REQUIREMENTS

JAZZ 16100	Survey of Black American Folk Music History	2
JAZZ 20000	Jazz Theory and Aural Training I ³	1
JAZZ 20100	Jazz Theory and Aural Training II ³	1
JAZZ 21000	Jazz Standards and Literature I	2
JAZZ 31000	Jazz Standards and Literature II	2
JAZZ 31100	Jazz Standards and Literature III	2
JAZZ 32300	Jazz Arranging I	2
JAZZ 32500	Jazz Arranging II	2

MUSIC LIBERAL ARTS REQUIREMENTS

Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

INTEGRATIVE CORE CURRICULUM ⁴

ICC Theme & Perspective

ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3

Competencies

WRTG 10600	Academic Writing I ⁵	3
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Complementary Liberal Arts CLA ⁶

xxxxx	Liberal Arts Electives	12
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁷		9
Capstone Experience		
MUMC 47300	Required Senior Recital (CP) ⁸	2
E-portfolio		
Total Credits		121

¹ Jazz Studies majors enroll in each major level (I and II) for semesters and each minor level (I and II) for 2 semesters.

² Students may fulfill this requirement by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take a lower number of electives to reach 120 total credits.

³ Students may fulfill this requirement by scoring 84 or higher on a placement exam administered by the Department of Jazz Studies. Students who score below 84 percent on the exam must take these courses, and they take a lower number of music electives to reach 120 total credits.

⁴ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

⁵ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁶ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.

⁷ The DV, WI and QL attribute requirements of the Integrated Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁸ MUMC 47300 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
Music Requirements		76
Jazz Studies Requirements		14
Integrative Core Curriculum Requirements		31-32
Total Credits		121

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
Jazz: ¹		
JAZZ 17001	Jazz Private Study I, minor instrument or concentration (1 credits times 2 semesters)	2
JAZZ 27001	Jazz Private Study II, minor instrument (1 credits times 2 semesters)	2

JAZZ 17000	Jazz Private Study I, major instrument (2 credits times 2 semesters)	4
JAZZ 27000	Jazz Private Study II, major instrument (2 credits times 2 semesters)	4
JAZZ 19900	Jazz Repertoire and Pedagogy (.5 credit times 8 semesters)	4
Classical: ¹		
PFMJ 1xxxx	Private Instrument I - Music Major (2 credits times 2 semesters)	4
PFMJ 2xxxx	Private Instrument II - Music Major (2 credits times 2 semesters)	4
PFMJ 1xxx1	Private Instrument I - Minor (1 credit times 1 semester)	1
PFMJ 2xxx1	Private Instrument II - Minor (1 credit times 1 semester)	1
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 4 semesters)	2

Ensembles

MUEN 11900	Jazz Ensemble	8
MUEN 32100	Chamber Music (small jazz ensemble) (.5 credit times 4 semesters)	2

Recitals

MUMC 37300	Required Junior Recital	1
MUMC 47300	Required Senior Recital (CP)	2

Music Theory

MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
	or MUTH 12201Music Theory I – Honors	
MUTH 22100	Music Theory II	2
	or MUTH 22101Music Theory II – Honors	
MUTH 22200	Music Theory III	2
	or MUTH 22201Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
	or MUTH 32101Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
	or MUTH 32201Analysis of Music since 1900 - Honors	

Aural Skills

MUTH 13300	Aural Skills I	1.5
	or MUTH 13301Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
	or MUTH 13401Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
	or MUTH 23301Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
	or MUTH 23401Aural Skills IV - Honors	

Secondary Instruments

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
JAZZ 16600	Jazz Piano I	1
JAZZ 16700	Jazz Piano II	1

Other Music Requirements

MUMC 10300	Introduction to Music Technology	1
MUMC 16600	Career Orientation	1

xxxxx	Music electives	2-5
MUMC 10100	Required Recital Attendance (six semesters required)	0

JAZZ REQUIREMENTS

JAZZ 16100	Survey of Black American Folk Music History	2
JAZZ 20000	Jazz Theory and Aural Training I ³	1
JAZZ 20100	Jazz Theory and Aural Training II ³	1
JAZZ 21000	Jazz Standards and Literature I	2
JAZZ 31000	Jazz Standards and Literature II	2
JAZZ 31100	Jazz Standards and Literature III	2
JAZZ 32300	Jazz Arranging I	2
JAZZ 32500	Jazz Arranging II	2

MUSIC LIBERAL ARTS REQUIREMENTS**Music History**

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

INTEGRATIVE CORE CURRICULUM ⁴**ICC Theme & Perspective**

ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3

Competencies

WRTG 10600	Academic Writing I ⁵	3
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Complementary Liberal Arts CLA ⁶

xxxxx	Liberal Arts Electives	12
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Course Attributes

Select 3 credits of each (DV, WI, QL) ⁷	9
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Capstone Experience

MUMC 47300	Required Senior Recital (CP) ⁸	2
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E-portfolio

Total Credits	121
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¹ Jazz Studies majors enroll in each major level (I and II) for 2 semesters and each minor level (I and II) for 2 semesters.

² Students may fulfill this requirement by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take a lower number of electives to reach 120 total credits.

³ Students may fulfill this requirement by scoring 84 or higher on a placement exam administered by the Department of Jazz Studies. Students who score below 84 percent on the exam must take these courses, and they take a lower number of music electives to reach 120 total credits.

⁴ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

⁵ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁶ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.

⁷ The DV, WI and QL attribute requirements of the Integrated Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁸ MUMC 47300 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music degree requirements.

Jazz Studies Concentration

Concentration Requirements

Concentrations are available to music majors in the areas of Music Theory and Jazz Studies. A concentration is a structured plan of elective courses within a student's major discipline that comprises a minimum of five courses for at least 15 credits. Courses taken to fulfill the concentration may count toward music elective requirements.

Admission to a concentration requires written acceptance by the chair of the department that offers the concentration. Specific admission requirements for individual areas are noted below.

Concentration in Jazz Studies

Students must have sophomore standing and audition/interview with the Director of Jazz Studies before applying for this concentration.

Code	Title	Credits
Jazz Studies Concentration Requirements Core		
JAZZ 20000	Jazz Theory and Aural Training I	1
JAZZ 20100	Jazz Theory and Aural Training II	1
JAZZ 19900	Jazz Repertoire and Pedagogy ¹	1
Select two credits from the following: ²		2
MUEN 11900/ MUEN 11901/ MUEN 11902	Jazz Ensemble/Jazz Repertory Ensemble/Jazz Lab Ensemble	
MUEN 12500	Jazz Vocal Ensemble	
MUEN 32100	Chamber Music ³	
Elective		
Select 10 credits from the following:		10
JAZZ 16100	Survey of Black American Folk Music History	
JAZZ 16600	Jazz Piano I	
JAZZ 16700	Jazz Piano II	
JAZZ 17001	Jazz Private Study I, minor instrument or concentration ⁴	
JAZZ 19900	Jazz Repertoire and Pedagogy	
JAZZ 21000	Jazz Standards and Literature I	
JAZZ 31000	Jazz Standards and Literature II	
JAZZ 32300	Jazz Arranging I	
JAZZ 32500	Jazz Arranging II	

MUEN 12900	Improvisation Ensemble	
MUEN 12500	Jazz Vocal Ensemble	
MUEN 32100	Chamber Music	
Total Credits		15

- 1 Course may be repeated one time for a total of 1 credit
- 2 Courses may be repeated
- 3 Jazz combos
- 4 Only available with approval of the student's private teacher, the Director of Jazz Studies, and the Dean's Office. May be repeated once.

Music Theory, History, Composition

MISSION STATEMENT:

The Department of Theory, History, and Composition cultivates musicians who listen analytically, think critically, write dynamically, and create insightfully.

The department offers four undergraduate degrees (BM Composition, BMO, and BA Music). We offer the core courses in aural skills, music theory, and music history and literature that every music major takes, advanced electives, and courses for non-music majors. Our courses can be found under the MUMC, MUNM, and MUTH prefixes in the catalog.

Majors

- Composition Major — B.M. (p. 681) - This degree program combines foundational study of music with a specially designed, four-year sequence of coursework in composition, including private lessons, orchestration, counterpoint, and study in electronic music. Students wishing to major in composition must submit at least two representative scores of their compositions and, if possible, a recording of these works. In addition, prospective majors must have an interview with a member of the composition faculty, during which they may take the opportunity to demonstrate their keyboard skills. All prospective composition majors may wish to audition on another instrument or voice in order to be eligible for additional study with the faculty in this secondary area. A successful audition guarantees the student two years of study in the secondary performance area. Composition majors who audition successfully in piano as their secondary performance area receive an additional year of piano performance study during their course of study.
- Music in Combination with an Outside Field — B.M. (p. 690) - This degree program combines the intensive study of music, including eight semesters of lessons on the student's primary instrument, with 23 credits of coursework in another discipline outside of the School of Music. Applicants must pass a standard music audition for admission to the program, and must submit their outside field coursework for approval by the end of their sophomore year.
- Music Major — B.A. (p. 692) - This degree program allows students to combine the study of music with substantial coursework in the liberal arts. About sixty percent of the student's coursework is in the liberal arts area outside of the School of Music. Applicants must pass a music audition geared for admission to the program of study.

MUTH 10100-10101 Fundamentals of Music Theory (LA)

Study of rhythm and meter, pitch, intervals, tonality, scales, key signatures and relationships, triads, notation, and terms and symbols. (F-B)
Attributes: FA

1 Credit

MUTH 10200 First-Year Music Theory Seminar (LA)

Changing topics in introductory music theory and analysis for first-year music majors with some prior knowledge of music theory. (F-B,Y)
1 Credit

MUTH 12100 Introduction to Musical Styles (LA)

Students will develop the ability to understand music in many historical and cultural contexts, and will develop and advance their basic music literacy, especially a working knowledge of the elements of musical design. In addition, students will develop critical listening skills and an awareness of chronology and will learn a variety of music literature. (F-S)
Attributes: 3B, FA, H

2 Credits

MUTH 12200 Music Theory I (LA)

Study of two-voice contrapuntal frameworks, triads and seventh chords and their inversions, nonchord tones, and tonal structure involving diatonic harmony. Written application of all subject material, demonstrating the principles of good voice leading. Keyboard and vocal demonstration of harmonic concepts. Harmonic and structural analysis of selected works. Aural recognition of chord sonority types, harmonic progressions, cadences, and textures. Prerequisites: MUTH 10100 or successful results from the placement exam. (F-S)

Attributes: FA

2 Credits

MUTH 12201 Music Theory I -- Honors (LA)

A more in-depth study of the material covered in MUTH 12200.
Prerequisites: Placement testing. (S)

Attributes: FA

2 Credits

MUTH 13300 Aural Skills I (LA)

Development of musical skills through singing prepared and unprepared material, melodic and rhythmic dictation, and vocal/keyboard exercises. Uses moveable "do" solfeggio syllables in the major and minor modes, in treble, alto, and bass clefs. Rhythmic material in simple, compound, and changing meters, including first and second divisions of the beat, fundamental rhythm patterns, and complementary rhythm. (F-S)

Attributes: FA

1.5 Credits

MUTH 13301 Aural Skills I - Honors (LA)

A more in-depth study of the material covered in MUTH 13300.
Registration is based on placement testing. (F)

Attributes: FA

1.5 Credits

MUTH 13400 Aural Skills II (LA)

Continued development of basic musical skills learned in MUTH 13300 or MUTH 13301. Additional work with minor mode. Introduction of chromatic passing and neighbor tones, tonicization of the relative major and the dominant, tenor clef, and changing clefs. Presentation of anacrusis phrasing, syncopation, and changing meter. Prerequisites: Grade of C- or above in MUTH 13300 or MUTH 13301. (F-S)

Attributes: FA

1.5 Credits

MUTH 13401 Aural Skills II - Honors (LA)

A more in-depth study of the material covered in MUTH 13400.

Prerequisite: Grade of C- or above in MUTH 13301 or excellent achievement in MUTH 13300 and departmental approval. (S)

Attributes: FA

1.5 Credits

MUTH 14100-14200 First-Year Composition (NLA)

Practical study of the techniques necessary for coherent expression in a creative work. Students examine established works and are assigned original musical excerpts and original compositions, exploring aspects of formal structure and style. Prerequisites: First-year Composition majors only. (F)

3 Credits

MUTH 22100 Music Theory II (LA)

Continued study of diatonic harmony. Study of period design and other small musical formal structures, harmonic sequences, applied chords, and tonicization and modulation. Written application of all subject material, demonstrating the principles of good voice leading. Keyboard and vocal demonstration of harmonic concepts. Harmonic and structural analysis of selected works. Aural recognition of sonority types, harmonic progressions, textures, and form. Prerequisites: MUTH 12200 or MUTH 12201. (F-S)

2 Credits

MUTH 22101 Music Theory II -- Honors (LA)

A more in-depth study of the material covered in MUTH 22100.

Prerequisite: MUTH 12201 or excellent achievement in MUTH 12200 and departmental approval. (F)

2 Credits

MUTH 22200 Music Theory III (LA)

Study of mode mixture, chromatic tonicization and modulation, the Neapolitan sixth chord, augmented sixth chords, extended tertian chords, and more advanced harmonic topics. Written application of all subject material, demonstrating the principles of good voice leading. Keyboard and vocal demonstration of harmonic concepts. Harmonic, structural, and aural analysis of selected works in binary and ternary form. Aural recognition of sonority types, harmonic progressions, textures, and form. Prerequisites: MUTH 22100 or MUTH 22101; MUTH 12100. (F,S)

2 Credits

MUTH 22201 Music Theory III -- Honors (LA)

A more in-depth study of the material covered in MUTH 22200.

Prerequisite: MUTH 22101 or excellent achievement in MUTH 22100 and departmental approval. (S)

2 Credits

MUTH 23300 Aural Skills III (LA)

Development of advanced musical skills, building on skills from MUTH 13400 or MUTH 13401. Assigned work with vocal/keyboard exercises leading to the skill level necessary to perform a simple art song. Continued exploration of chromaticism through secondary dominant chords, and modulation. Rhythmic materials include irregular division of the beat, asymmetrical meters, and changing meters. Prerequisites: Grade of C- or above in MUTH 13400 or MUTH 13401. (F-S)

1 Credit

MUTH 23301 Aural Skills III - Honors (LA)

A more in-depth study of the material covered in MUTH 23300.

Prerequisite: Grade of C- or above in MUTH 13401 or excellent achievement in MUTH 13400 and departmental approval. (F)

1 Credit

MUTH 23400 Aural Skills IV (LA)

Continued development of advanced musical skills learned in MUTH 23300 or MUTH 23301. Presentation of transient modulations, and modal melodies. Introduction to 20th-century music through impressionist, post-tonal and atonal melodies, trichord patterns, and complex rhythmic and metric combinations. Prerequisites: Grade of C- or above in MUTH 23300 or MUTH 23301. (F-S)

1 Credit

MUTH 23401 Aural Skills IV - Honors (LA)

A more in-depth study of the material covered in MUTH 23400.

Prerequisite: Grade of C- or above in MUTH 23301 or excellent achievement in MUTH 23300 and departmental approval. (S)

1 Credit

MUTH 24100-24200 Composition (NLA)

Study and application of the techniques necessary for coherent expression in creative musical work. Students are assigned original compositions to explore motivic, harmonic, and formal design, as well as style, idiom, and orchestration, in order to create effective and meaningful works. Registration is based on previous written work and the permission of the instructor. Private tutorial instruction and one class meeting per week. Prerequisites: MUTH 14200. (F,S)

3 Credits

MUTH 24400 Composing in the Schools (NLA)

Composing in the Schools is a collaborative program between the Ithaca College composition department, and local and regional-area schools.

The IC composition student receives hands-on experience working with children in a creative capacity by co-creating a musical work with and for K-12 children. Instrumentation varies from band and string ensembles to vocal groups. The IC student attends rehearsals and the premiere performance of the work and speaks. The student also speaks to the audience prior to the performance. The partnership provides real-life experiences for the IC student while providing a valuable service to the greater Ithaca community. Prerequisite: MUTH 14200. (F,Y)

1 Credit

MUTH 25200 Songwriting (LA)

Students creatively and critically develop modern songwriting skills, moving beyond the basics of mere musical self-expression. Songwriting is a learnable craft involving musical and textual clarity, thrift, and depth. Across genres, certain compositional and thematic qualities consistently underlie songs that are artistically and/or popularly successful, independent of their production and performance. This class focuses on these qualities. Activities include discussion, listening, creative exploration, collaboration, peer evaluation, and analysis of popular songs past and present. Students from all musical backgrounds are welcome, but the course presupposes a familiarity with keys, scales, chords, and rhythms. (S,Y)

3 Credits

MUTH 25500 History and Literature of Music I (LA)

Survey of music from the early Christian era to the mid-18th century, focusing on origins and evolution of musical styles, forms, and genres. Social and cultural contexts are examined in relation to musical materials and their application within specific repertoires. Prerequisites: Any MUTH course. (F)

Attributes: 3B, G, H, HU

3 Credits

MUTH 25600 History and Literature of Music II (LA)

Survey of music from the mid-18th century to the late 19th century, focusing on distinctive features of musical styles, forms, and genres. Social and cultural contexts are examined in relation to musical materials and their application within specific repertoires. Prerequisites: MUTH 25500; WRTG 10600 or ICSM 10800 or ICSM 11800. (S) Attributes: 1, 3B, G, H, HU, WI
3 Credits

MUTH 32100 Form and Analysis (LA)

Examination of the traditional techniques of musical form and structure and their application to compositions primarily from the 18th and 19th centuries. Prerequisites: MUTH 22200 or MUTH 22201. (F)
2 Credits

MUTH 32101 Form and Analysis -- Honors (LA)

A more in-depth study of the material covered in MUTH 32100. Prerequisite: MUTH 22201 or excellent achievement in MUTH 22200 and departmental approval. (F)
2 Credits

MUTH 32200 Analysis of Music since 1900 (LA)

Study of harmonic, rhythmic, melodic, and formal techniques from about 1900 to the present. Introduction of various analytical systems. Prerequisites: MUTH 22200 or MUTH 22201. (S)
2 Credits

MUTH 32201 Analysis of Music since 1900 - Honors (LA)

A more in-depth study of the material pertaining to the harmonic, rhythmic, melodic, and formal techniques from about 1900 to the present covered in MUTH 32200. Prerequisite: MUTH 32101. (S)
2 Credits

MUTH 34100-34200 Composition (NLA)

Study and application of the techniques necessary for coherent expression in creative musical work. Students are assigned original compositions to explore motivic, harmonic, and formal design, as well as style, idiom, and orchestration, in order to create effective and meaningful works. Registration is based on previous written work and the permission of the instructor. Private tutorial instruction and one class meeting per week. Prerequisites: MUTH 24200. (FS)
3 Credits

MUTH 34500 Orchestration for Composers I (LA)

This course is an intensive study of orchestration techniques from the early Classical period to the 21st Century from a compositional perspective. Students will analyze instrumental/orchestral works and transcribe piano/small chamber scores. Prerequisites: MUTH 24100. (S,E)
2 Credits

MUTH 35500 History and Literature of Music III (LA)

Survey of music from about 1900 to the present, focusing on transformations of traditional musical idioms as well as newly developed styles. Social and cultural contexts, including politics, censorship, and economic factors, are examined in relation to musical materials and their application within specific repertoires. Prerequisites: MUTH 25600. (F) Attributes: 3B, G, H, HU
3 Credits

MUTH 36000 Chord Symbol Realization at the Keyboard (LA)

Decode and perform the two most common keyboard notation shorthands used in Western music—figured bass and lead-sheet symbols. Explore useful voicing techniques in various contexts. Prerequisites: MUTH 22200 or MUTH 22400. (S,E)
1 Credit

MUTH 42100 Topics in Music Theory and Analysis (LA)

Changing topics in music theory and analysis. Prerequisites: MUTH 32200 or MUTH 32201. (Y)
2 Credits

MUTH 42900 Advanced Aural Skills (LA)

Extends aural skills developed in lower-level courses in the aural skills, music theory, and music history core, including emphases on formal analysis and music since 1900. Prerequisites: MUTH 23400 or MUTH 23401; MUTH 32100 or MUTH 32101; MUTH 35500; and prior or concurrent registration in MUTH 32200 or MUTH 32201. (S,B,O)
1 Credit

MUTH 43100 Sixteenth-Century Counterpoint (LA)

Study of polyphonic techniques based on the stylistic principles of the 16th-century sacred literature. Composition of canons, motets, and movements from the mass. Prerequisites: MUTH 25500; MUTH23300 or MUTH23301. Corequisites: MUTH 32100 or MUTH 32101. (F-B,O)
2 Credits

MUTH 43200 Eighteenth-Century Counterpoint (LA)

Study of polyphonic techniques based on the stylistic principles of the 18th-century keyboard literature. Invention (two- and three-voice), chorale prelude, canon, and fugue are studied. Analysis and written projects. Prerequisites: MUTH 22200, MUTH 25600, and MUTH 23300 or MUTH 23301. (F,E)
2 Credits

MUTH 43500 Choral Arranging (LA)

Arranging for elementary through high school choruses and special choirs. Analysis and study of choral part-writing, encompassing unison, simple two-, three-, and four-part, and multi-voice units. Prerequisites: MUTH 22200 or MUTH 22201. (Y)
2 Credits

MUTH 43700 Instrumentation and Orchestration (LA)

Study of orchestral and band instruments in terms of range, transposition, and individual characteristics. Scoring of works for both standardized and less common ensembles of various sizes. Prerequisites: MUTH 32200 or MUTH 32201. (FS)
2 Credits

MUTH 44100-44200 Composition (NLA)

Study and application of the techniques necessary for coherent expression in creative musical work. Students are assigned original compositions to explore motivic, harmonic, and formal design, as well as style, idiom, and orchestration, in order to create effective and meaningful works. Registration is based on previous written work and the permission of the instructor. Private tutorial instruction and one class meeting per week. Prerequisites: MUTH 34200. (FS)
3 Credits

MUTH 44300 Pedagogy of Music Theory (NLA)

A survey of the pedagogical aspects of teaching music theory and aural skills on the high school and college levels. Focus on current approaches, presentation, and implementation of materials suitable for the study of theory, harmony, and aural skills. Prerequisites: MUTH 32100 or MUTH 32101. (S, O)
3 Credits

MUTH 44500 Orchestration for Composers II (LA)

This course is a continuation of MUTH 34500. The course is an intensive study of orchestration techniques from the early Classical period to the 21st Century from a compositional perspective. Students will learn to transcribe piano/small chamber scores, works for orchestra, and will learn to reduce orchestral works to scores for one or two pianos. Students will also write original, short compositions for orchestra. Prerequisites: MUTH 34500. (F,O)

2 Credits

MUTH 45100 Instrumental Chamber Music Literature (LA)

A historical survey of instrumental chamber music from the Renaissance to the present. Prerequisites: MUTH 35500. (S,E)

3 Credits

MUTH 45200 The History and Literature of the Art Song (LA)

A broad historical survey of the secular art song from the Middle Ages to the present, with greatest emphasis placed on the German, French, Italian, and English song repertory of the 18th and 19th centuries.

Prerequisites: MUTH 35500. (IRR)

Attributes: GERM

3 Credits

MUTH 45700 History and Literature of Opera (LA)

Traces the history, development, and repertory of opera from the beginning of the Baroque period to the present. The primary focus of the course, however, is on the standard performing repertory from Handel through Britten. Live performance in class and video excerpts of great performances provide stimuli for class discussion. Prerequisites: MUTH 35500. (Y)

Attributes: FA

3 Credits

MUTH 45800 The Symphony (LA)

The study of orchestral music, tracing its development from the baroque era to the present. Representative examples of the concerto and symphonic poem are included. Prerequisites: MUTH 35500. (S,O)

3 Credits

MUTH 46400 Introduction to Composition (LA)

The study and practice of compositional procedures used in traditional and contemporary concert music, leading to composing brief works for solo instruments and small chamber ensembles. Prerequisites: MUTH 22200 or MUTH 22201; MUTH 23400 or MUTH 23401.

Corequisites: MUTH 35500. (F)

2 Credits

MUTH 49100 Advanced Music Theory Seminar I (LA)

Introduction to Schenkerian notation and thought; discussion of interdisciplinary approaches to music theory and current trends in music theory, overview of discipline of music theory, exploration of relationships between liberal arts studies and studies in music theory. Prerequisites: MUTH 32200 or 32201. (F)

Attributes: CP

1 Credit

MUTH 49200 Advanced Music Theory Seminar II (LA)

Current trends in music theory, overview of discipline of music theory, mathematically-based research in music theory, application of relationships between liberal arts studies and studies in music theory. Prerequisites: MUTH 49100. (S)

Attributes: CP

1 Credit

MUTH 49800 Composition Recital (NLA)

Performance of representative compositions. The program should include approximately 45 minutes of music. (F,S)

Attributes: CP

2 Credits

Music Theory Major – B.M.

Summary

Code	Title	Credits
	Music Requirements	90
	Integrative Core Curriculum Requirements	31-32
Total Credits		121

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
PFMJ 10100	Voice I - Music Major (2 credits times 2 semesters)	4
PFMJ 20100	Voice II - Music Majors (2 credits times 2 semesters)	4
PFMJ 30100	Voice III - Music Majors (2 credits times 2 semesters)	4
PFMJ 40100	Voice IV - Music Majors (2 credits times 2 semesters)	4
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4
Ensembles		
	Choral (1 credit times 8 semesters)	8
	MUEN 10800 Choir	
	or MUEN 10900 Chorus	
	or MUEN 11000 Treble Chorale	
Music Theory		
MUTH 10100	Fundamentals of Music Theory ¹	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
	or MUTH 12201 Music Theory I – Honors	
MUTH 22100	Music Theory II	2
	or MUTH 22101 Music Theory II – Honors	
MUTH 22200	Music Theory III	2
	or MUTH 22201 Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
	or MUTH 32101 Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
	or MUTH 32201 Analysis of Music since 1900 - Honors	
Additional Theory for Major:		
MUMC 14500	Introduction to Electroacoustic Music	2
MUTH 42900	Advanced Aural Skills	1
MUTH 36000	Chord Symbol Realization at the Keyboard	1
MUTH 43500	Choral Arranging	2
	or MUTH 43700 Instrumentation and Orchestration	
MUTH 43100	Sixteenth-Century Counterpoint	2

MUTH 43200	Eighteenth-Century Counterpoint	2
MUTH 44300	Pedagogy of Music Theory	3
MUTH 42100	Topics in Music Theory and Analysis (2 credits times 2 semesters)	4
MUTH 46400	Introduction to Composition	2
MUTH 49100	Advanced Music Theory Seminar I (CP)	1
MUTH 49200	Advanced Music Theory Seminar II (CP)	1

Aural Skills

MUTH 13300	Aural Skills I	1.5
or MUTH 13301	Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
or MUTH 13401	Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
or MUTH 23301	Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
or MUTH 23401	Aural Skills IV - Honors	

Secondary Instruments

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFMJ 10302	Piano I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20302	Piano II - Secondary Instrument (1 credit times 2 semesters)	2

Other Music Requirements

MUMC 16100	Diction I	2
MUMC 16200	Diction II	2
MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ¹	0-1
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS**Music History**

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3
MUTH xxxxx	Music history elective	2

INTEGRATIVE CORE CURRICULUM ²**ICC Theme & Perspective**

ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3

Competencies

WRTG 10600	Academic Writing I ³	3
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Complementary Liberal Arts CLA ⁴

xxxxx	Liberal Arts Electives	12
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Course Attributes

Select 3 credits of each (DV, WI, QL) ⁵	9
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Capstone Experience

MUTH 49100 & MUTH 49200	Advanced Music Theory Seminar I and Advanced Music Theory Seminar II (CP) ⁶	2
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E-portfolio

Total Credits	121
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- ¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.
- ² The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ³ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁴ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.
- ⁵ The DV, WI and QL attribute requirements of the Integrated Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁶ MUTH 49100 and MUTH 49200 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
	Music Requirements	89
	Integrative Core Curriculum Requirements	31-32
	Total Credits	120

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
PFMJ 10300	Piano I - Music Majors (2 credits times 2 semesters)	4
PFMJ 20300	Piano II - Music Majors (2 credits times 2 semesters)	4
PFMJ 30300	Piano III - Music Majors (2 credits times 2 semesters)	4
PFMJ 40300	Piano IV - Music Majors (2 credits times 2 semesters)	4
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4

Ensembles

Choral (1 credit times 8 semesters) ¹	8
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MUEN 10800 Choir
or MUEN 10900 Chorus
or MUEN 11000 Treble Chorale

Music Theory

MUTH 10100	Fundamentals of Music Theory ²	1
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MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
or MUTH 12201	Music Theory I – Honors	
MUTH 22100	Music Theory II	2
or MUTH 22101	Music Theory II – Honors	
MUTH 22200	Music Theory III	2
or MUTH 22201	Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
or MUTH 32101	Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
or MUTH 32201	Analysis of Music since 1900 - Honors	
Additional Theory for Major:		
MUMC 14500	Introduction to Electroacoustic Music	2
MUTH 42900	Advanced Aural Skills	1
MUTH 36000	Chord Symbol Realization at the Keyboard	1
MUTH 43500	Choral Arranging	2
or MUTH 43700	Instrumentation and Orchestration	
MUTH 43100	Sixteenth-Century Counterpoint	2
MUTH 43200	Eighteenth-Century Counterpoint	2
MUTH 44300	Pedagogy of Music Theory	3
MUTH 42100	Topics in Music Theory and Analysis (2 credits times 2 semesters)	4
MUTH 46400	Introduction to Composition	2
MUTH 49100	Advanced Music Theory Seminar I (CP)	1
MUTH 49200	Advanced Music Theory Seminar II (CP)	1
Aural Skills		
MUTH 13300	Aural Skills I	1.5
or MUTH 13301	Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
or MUTH 13401	Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
or MUTH 23301	Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
or MUTH 23401	Aural Skills IV - Honors	
Secondary Instruments		
PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
PFSM 10100	Class Voice	1
Other Music Requirements		
MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ²	6-7
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II	3
MUTH 35500	History and Literature of Music III	3
MUTH xxxxx	Music history elective	2

INTEGRATIVE CORE CURRICULUM ³

ICC Theme & Perspective		
ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3
Competencies		
WRTG 10600	Academic Writing I ⁴	3
Complementary Liberal Arts CLA ⁵		
xxxxx	Liberal Arts Electives	12
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁶		9
Capstone Experience		
MUTH 49100	Advanced Music Theory Seminar I	2
& MUTH 49200	and Advanced Music Theory Seminar II (CP) ⁷	
E-portfolio		
Total Credits		120

- ¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.
- ² Keyboard Majors take Pianist as Collaborator Freshman Year.
- ³ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ⁴ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁵ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.
- ⁶ The DV, WI and QL attribute requirements of the Integrated Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁷ MUTH 49100 and MUTH 49200 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
	Music Requirements	89
	Integrative Core Curriculum Requirements	31-32
Total Credits		120

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirements		

PFMJ 1xxxx	Private Instrument I - Music Major (2 credits times 2 semesters)	4
PFMJ 2xxxx	Private Instrument II - Music Major (2 credits times 2 semesters)	4
PFMJ 3xxxx	Private Instrument III - Music Major (2 credits times 2 semesters)	4
PFMJ 4xxxx	Private Instrument IV - Music Major (2 credits times 2 semesters)	4
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credits times 8 semesters)	4

Ensembles

Instrumental (1 credit times 8 semesters)	8
MUEN 10500 Wind Ensemble or MUEN 10600 Concert Band or MUEN 10700 Wind Symphony or MUEN 11100 Symphony Orchestra	

Music Theory

MUTH 10100	Fundamentals of Music Theory ¹	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I or MUTH 12201 Music Theory I – Honors	2
MUTH 22100	Music Theory II or MUTH 22101 Music Theory II – Honors	2
MUTH 22200	Music Theory III or MUTH 22201 Music Theory III – Honors	2
MUTH 32100	Form and Analysis or MUTH 32101 Form and Analysis – Honors	2
MUTH 32200	Analysis of Music since 1900 or MUTH 32201 Analysis of Music since 1900 - Honors	2
Additional Theory for Major:		
MUMC 14500	Introduction to Electroacoustic Music	2
MUTH 42900	Advanced Aural Skills	1
MUTH 36000	Chord Symbol Realization at the Keyboard	1
MUTH 43500	Choral Arranging or MUTH 43700 Instrumentation and Orchestration	2
MUTH 43100	Sixteenth-Century Counterpoint	2
MUTH 43200	Eighteenth-Century Counterpoint	2
MUTH 44300	Pedagogy of Music Theory	3
MUTH 42100	Topics in Music Theory and Analysis ((2 credits times 2 semesters))	4
MUTH 46400	Introduction to Composition	2
MUTH 49100	Advanced Music Theory Seminar I	1
MUTH 49200	Advanced Music Theory Seminar II	1

Aural Skills

MUTH 13300	Aural Skills I or MUTH 13301 Aural Skills I - Honors	1.5
MUTH 13400	Aural Skills II or MUTH 13401 Aural Skills II - Honors	1.5
MUTH 23300	Aural Skills III or MUTH 23301 Aural Skills III - Honors	1
MUTH 23400	Aural Skills IV or MUTH 23401 Aural Skills IV - Honors	1

Secondary Instruments		
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFMJ 10302	Piano I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20302	Piano II - Secondary Instrument (1 credit times 2 semesters)	2
PFSM 10100	Class Voice	1
Other Music Requirements		
MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ¹	2-3
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS

Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3
MUTH xxxxx	Music history elective	2

INTEGRATIVE CORE CURRICULUM ²

ICC Theme & Perspective		
ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3

Competencies

WRTG 10600	Academic Writing I ³	3
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Complementary Liberal Arts CLA ⁴

xxxxx	Liberal Arts Electives	12
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Course Attributes

Select 3 credits of each (DV, WI, QL) ⁵	9
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Capstone Experience

MUTH 49100	Advanced Music Theory Seminar I	2
& MUTH 49200	and Advanced Music Theory Seminar II (CP) ⁶	

E-portfolio

Total Credits	120
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¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.

² The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

³ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁴ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.

⁵ The DV, WI and QL attribute requirements of the Integrated Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁶ MUTH 49100 and MUTH 49200 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music degree requirements.

Composition Major – B.M.

Each composition student has the following portfolio requirement for graduation: a choral work, a solo voice collection with accompaniment, a solo piano work, a work for one or more strings, a work involving an electronic medium, a chamber work, and a work for a large ensemble (winds, orchestra, or large jazz ensemble).

Summary

Code	Title	Credits
Music Requirements		94
Integrative Core Curriculum Requirements		31-32
Total Credits		125

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Composition Lesson Requirement		
MUTH 14100 & MUTH 14200	First-Year Composition and First-Year Composition	6
MUTH 24100 & MUTH 24200	Composition and Composition	6
MUTH 34100 & MUTH 34200	Composition and Composition	6
MUTH 44100 & MUTH 44200	Composition and Composition	6
Ensembles		
MUEN 1xxxx	(at least two choral)(1 credit times 8 semesters)	8
Recitals		
MUTH 49800	Composition Recital (CP)	2
Music Theory		
MUTH 10100	Fundamentals of Music Theory ¹	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
	or MUTH 12201Music Theory I – Honors	
MUTH 22100	Music Theory II	2
	or MUTH 22100Music Theory II	
MUTH 22200	Music Theory III	2
	or MUTH 22201Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
	or MUTH 32101Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
	or MUTH 32201Analysis of Music since 1900 - Honors	

Additional Theory for Major:

MUMC xxxxx	Electroacoustic music ²	4
MUTH 34500	Orchestration for Composers I	2
MUTH 44500	Orchestration for Composers II	2
MUTH 43100	Sixteenth-Century Counterpoint	2
	or MUTH 43200Eighteenth-Century Counterpoint	

Aural Skills		
MUTH 13300	Aural Skills I	1.5
	or MUTH 13301Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
	or MUTH 13401Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
	or MUTH 23301Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
	or MUTH 23401Aural Skills IV - Honors	

Secondary Instruments ³		
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFMJ 10302	Piano I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20302	Piano II - Secondary Instrument (1 credit times 2 semesters)	2

Conducting ⁴		
MUED 30300	Instrumental Conducting	2
Select one of the following:		
MUED 30100	Choral Conducting	
MUED 30200	Choral Conducting	
MUED 30400	Instrumental Conducting	

Other Music Requirements		
MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ^{1,5}	11-12
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS

Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

INTEGRATIVE CORE CURRICULUM ⁶

ICC Theme & Perspective		
ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3

Competencies		
WRTG 10600	Academic Writing I ⁷	3

Complementary Liberal Arts CLA ⁸		
xxxxx	Liberal Arts Electives	12

Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁹		9

Capstone Experience

MUTH 49800	Composition Recital ¹⁰	2
E-portfolio		
Total Credits		125

- ¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course; those students take the lower number of music electives.
- ² Any two courses in electroacoustic music will fulfill this requirement.
- ³ Composition majors must pass a piano proficiency exam by the end of the junior year.
- ⁴ At least one semester Instrumental Conducting.
- ⁵ At least 2 credits from jazz arranging courses or advanced electroacoustic music courses are required.
- ⁶ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ⁷ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁸ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.
- ⁹ The DV, WI and QL attribute requirements of the Integrated Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ¹⁰ MUTH 49800 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music degree requirements.

Each composition student has the following portfolio requirement for graduation: a choral work, a solo voice collection with accompaniment, a solo piano work, a work for one or more strings, a work involving an electronic medium, a chamber work, and a work for a large ensemble (winds, orchestra, or large jazz ensemble).

Summary

Code	Title	Credits
Music Requirements		94
Integrative Core Curriculum Requirements		31-32
Total Credits		125

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Composition Lesson Requirement		
MUTH 14100 & MUTH 14200	First-Year Composition and First-Year Composition	6
MUTH 24100 & MUTH 24200	Composition and Composition	6
MUTH 34100 & MUTH 34200	Composition and Composition	6

MUTH 44100 & MUTH 44200	Composition and Composition	6
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Ensembles

MUEN 1xxxx	(at least two choral)(1 credit times 8 semesters)	8
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Recitals

MUTH 49800	Composition Recital (CP)	2
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Music Theory

MUTH 10100	Fundamentals of Music Theory ¹	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
	or MUTH 12201Music Theory I – Honors	
MUTH 22100	Music Theory II	2
	or MUTH 22101Music Theory II – Honors	
MUTH 22200	Music Theory III	2
	or MUTH 22201Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
	or MUTH 32101Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
	or MUTH 32201Analysis of Music since 1900 - Honors	

Additional Theory for Major:

MUMC xxxxx	Electroacoustic music ²	4
MUTH 34500	Orchestration for Composers I	
MUTH 44500	Orchestration for Composers II	
MUTH 43100	Sixteenth-Century Counterpoint	2
	or MUTH 43200Eighteenth-Century Counterpoint	

Aural Skills

MUTH 13300	Aural Skills I	1.5
	or MUTH 13301Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
	or MUTH 13401Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
	or MUTH 23301Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
	or MUTH 23401Aural Skills IV - Honors	

Secondary Instruments ³

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFMJ 10302	Piano I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20302	Piano II - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 1xxx2- PFMJ 2xxx2	Secondary Performance Area	4

Conducting ⁴

MUED 30300	Instrumental Conducting	2
Select one of the following:		2
MUED 30100	Choral Conducting	
MUED 30200	Choral Conducting	
MUED 30400	Instrumental Conducting	

Other Music Requirements

MUMC 16100	Diction I	2
MUMC 16200	Diction II	2

MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ^{1,5}	3-4
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3
INTEGRATIVE CORE CURRICULUM ⁶		
ICC Theme & Perspective		
ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3
Competencies		
WRTG 10600	Academic Writing I ⁷	3
Complementary Liberal Arts CLA ⁸		
xxxxx	Liberal Arts Requirements	12
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁹		9
Capstone Experience		
MUTH 49800	Composition Recital (CP) ¹⁰	2
E-portfolio		
Total Credits		125

¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course; those students take the lower number of music electives.

² Any two courses in electroacoustic music will fulfill this requirement.

³ Composition majors must pass a piano proficiency exam by the end of the junior year.

⁴ At least one semester Instrumental Conducting.

⁵ At least 2 credits from jazz arranging courses or advanced electroacoustic music courses are required.

⁶ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

⁷ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁸ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.

⁹ The DV, WI and QL attribute requirements of the Integrated Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

¹⁰ MUTH 49800 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music degree requirements.

Each composition student has the following portfolio requirement for graduation: a choral work, a solo voice collection with accompaniment, a solo piano work, a work for one or more strings, a work involving an electronic medium, a chamber work, and a work for a large ensemble (winds, orchestra, or large jazz ensemble).

Summary

Code	Title	Credits
Music Requirements		94
Integrative Core Curriculum Requirements		31-32
Total Credits		125

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Composition Lesson Requirement		
MUTH 14100 & MUTH 14200	First-Year Composition and First-Year Composition	6
MUTH 24100 & MUTH 24200	Composition and Composition	6
MUTH 34100 & MUTH 34200	Composition and Composition	6
MUTH 44100 & MUTH 44200	Composition and Composition	6
Ensembles		
MUEN 1xxxx	(at least two choral)(1 credit times 8 semesters)	8
Recitals		
MUTH 49800	Composition Recital (CP)	2
Music Theory		
MUTH 10100	Fundamentals of Music Theory ¹	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
or MUTH 12201 Music Theory I – Honors		
MUTH 22100	Music Theory II	2
or MUTH 22101 Music Theory II – Honors		
MUTH 22200	Music Theory III	2
or MUTH 22201 Music Theory III – Honors		
MUTH 32100	Form and Analysis	2
or MUTH 32101 Form and Analysis – Honors		
MUTH 32200	Analysis of Music since 1900	2
or MUTH 32201 Analysis of Music since 1900 - Honors		
Additional Theory for Major:		
MUMC xxxxx	Electroacoustic music ²	4
MUTH 34500	Orchestration for Composers I	2
MUTH 44500	Orchestration for Composers II	2
MUTH 43100	Sixteenth-Century Counterpoint	2
or MUTH 43200 Eighteenth-Century Counterpoint		
Aural Skills		
MUTH 13300	Aural Skills I	1.5

or MUTH 13301Aural Skills I - Honors		
MUTH 13400	Aural Skills II	1.5
or MUTH 13401Aural Skills II - Honors		
MUTH 23300	Aural Skills III	1
or MUTH 23301Aural Skills III - Honors		
MUTH 23400	Aural Skills IV	1
or MUTH 23401Aural Skills IV - Honors		
Secondary Instruments ³		
PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
PFMJ 10302	Piano I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20302	Piano II - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 30302	Piano III - Secondary Instrument	2
Conducting ⁴		
MUED 30300	Instrumental Conducting	2
Select one of the following:		
MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2
MUED 30400	Instrumental Conducting	2
Other Music Requirements		
MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ^{1,5}	7-8
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3
INTEGRATIVE CORE CURRICULUM ⁶		
ICC Theme & Perspective		
ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3
Competencies		
WRTG 10600	Academic Writing I ⁷	3
Complementary Liberal Arts CLA ⁹		
xxxxx	Liberal Arts Electives	12
Course Attributes		
Select 3 credits of each (DV, WI, QL) ¹⁰		
Capstone Experience		
MUTH 49800	Composition Recital (CP) ¹⁰	2
E-portfolio		
Total Credits		126

- ¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course; those students take the lower number of music electives.
- ² Any two courses in electroacoustic music will fulfill this requirement.
- ³ Composition majors must pass a piano proficiency exam by the end of the junior year.
- ⁴ At least one semester Instrumental Conducting.
- ⁵ At least 2 credits from jazz arranging courses or advanced electroacoustic music courses are required.
- ⁶ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ⁷ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁸ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.
- ⁹ The DV, WI and QL attribute requirements of the Integrated Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ¹⁰ MUTH 49800 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music degree requirements.

Each composition student has the following portfolio requirement for graduation: a choral work, a solo voice collection with accompaniment, a solo piano work, a work for one or more strings, a work involving an electronic medium, a chamber work, and a work for a large ensemble (winds, orchestra, or large jazz ensemble).

Summary

Code	Title	Credits
	Music Requirements	94
	Integrative Core Curriculum Requirements	31-32
Total Credits		125

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Composition Lesson Requirement		
MUTH 14100 & MUTH 14200	First-Year Composition and First-Year Composition	6
MUTH 24100 & MUTH 24200	Composition and Composition	6
MUTH 34100 & MUTH 34200	Composition and Composition	6
MUTH 44100 & MUTH 44200	Composition and Composition	6
Ensembles		
MUEN 1xxxx	(at least two choral)(1 credit times 8 semesters)	8

Recitals

MUTH 49800	Composition Recital (CP)	2
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Music Theory

MUTH 10100	Fundamentals of Music Theory ¹	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
	or MUTH 12201 Music Theory I – Honors	
MUTH 22100	Music Theory II	2
	or MUTH 22101 Music Theory II – Honors	
MUTH 22200	Music Theory III	2
	or MUTH 22201 Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
	or MUTH 32101 Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
	or MUTH 32201 Analysis of Music since 1900 - Honors	

Additional Theory for Major:

MUMC xxxxx	Electroacoustic music ²	4
MUTH 34500	Orchestration for Composers I	2
MUTH 44500	Orchestration for Composers II	2
MUTH 43100	Sixteenth-Century Counterpoint	2
	or MUTH 43200 Eighteenth-Century Counterpoint	

Aural Skills

MUTH 13300	Aural Skills I	1.5
	or MUTH 13301 Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
	or MUTH 13401 Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
	or MUTH 23301 Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
	or MUTH 23401 Aural Skills IV - Honors	

Secondary Instruments ³

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFMJ 10302	Piano I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20302	Piano II - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 1xxx2	Secondary Performance Area	2
PFMJ 2xxx2	Secondary Performance Area	2

Conducting ⁴

MUED 30300	Instrumental Conducting	2
Select one of the following:		2
MUED 30100	Choral Conducting	
MUED 30200	Choral Conducting	
MUED 30400	Instrumental Conducting	

Other Music Requirements

MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ^{1,5}	7-8
MUMC 10100	Required Recital Attendance	0

MUSIC LIBERAL ARTS REQUIREMENTS**Music History**

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

INTEGRATIVE CORE CURRICULUM ⁶**ICC Theme & Perspective**

ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3

Competencies

WRTG 10600	Academic Writing I ⁷	3
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Complementary Liberal Arts CLA ⁸

xxxxx	Liberal Arts Electives	12
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Course Attributes

Select 3 credits of each (DV, WI, QL) ⁹		9
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Capstone Experience

MUTH 49800	Composition Recital ¹⁰	2
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E-portfolio

Total Credits		125
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¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course; those students take the lower number of music electives.

² Any two courses in electroacoustic music will fulfill this requirement.

³ Composition majors must pass a piano proficiency exam by the end of junior year.

⁴ At least one semester Instrumental Conducting.

⁵ At least 2 credits from jazz arranging courses or advanced electroacoustic music courses are required.

⁶ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

⁷ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁸ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.

⁹ The DV, WI and QL attribute requirements of the Integrated Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

¹⁰ MUTH 49800 will fulfill the capstone requirement and will serve to synthesize aspects of the integrated Core Curriculum with the student's School of Music degree requirements.

Music Theory Concentration

Concentration Requirements

Concentrations are available to music majors in the areas of Music Theory and Jazz Studies. A concentration is a structured plan of

elective courses within a student's major discipline that comprises a minimum of five courses for at least 15 credits. Courses taken to fulfill the concentration may count toward music elective requirements.

Admission to a concentration requires written acceptance by the chair of the department that offers the concentration. Specific admission requirements for individual areas are noted below.

Concentration in Music Theory

Students must have completed MUTH 22100 or MUTH 22101 and MUTH 23300 or MUTH 23301 before applying for this concentration.

Code	Title	Credits
Music Theory Concentration Requirements Core		
MUTH 42100	Topics in Music Theory and Analysis	2
MUTH 44300	Pedagogy of Music Theory	3
Elective		
Select 10 credits from the following:		10
MUMC 21000	Scoring for Visual Media I	
MUMC 45000	Scoring for Visual Media II	
MUTH 10200	First-Year Music Theory Seminar	
MUTH 36000	Chord Symbol Realization at the Keyboard	
MUTH 43100	Sixteenth-Century Counterpoint	
MUTH 43200	Eighteenth-Century Counterpoint	
MUTH 43500	Choral Arranging	
MUTH 43700	Instrumentation and Orchestration	
JAZZ 20000	Jazz Theory and Aural Training I	
JAZZ 20100	Jazz Theory and Aural Training II	
MUTH 42900	Advanced Aural Skills	
MUTH 46400	Introduction to Composition	
MUMC 14500	Introduction to Electroacoustic Music	
Total Credits		15

Music

Majors

- Music Undeclared (p. 695) - This option provides the opportunity for incoming students to begin study in the School of Music while deciding on a specific degree program. Generally, undeclared students follow the music education curriculum for the individual's specific instrument. Students must decide on a degree program by the third semester of study. It is not possible to graduate as an undeclared music major.
- Combined Bachelor's and Master's Degree Programs (p. 695)

Minors

- Music Minor (p. 696)

MUMC 10100 Required Recital Attendance (NLA)

All full-time students in the School of Music are required to attend 12 performances during the semester. The distribution is as follows: at least 3 Guest Artist or Faculty, at least 3 ensemble, at least 3 student, and 3 free choice (any of the above or a master class). The associate dean will determine how this policy applies to transfer students. Additional attendance requirements are at the option of the major teacher. (F,S)

Attributes: FA

0 Credit

MUMC 10300 Introduction to Music Technology (NLA)

Introduction to hardware and software technologies and their specific application to the music field. This course requires music reading ability and basic keyboard skills. Prerequisites: majors in the School of Music or consent of the instructor. (F-S)

Attributes: TE

1 Credit

MUMC 14000 Musical Theater Rehearsal and Performance (NLA)

Participation in rehearsal and performance of a major musical theater production sponsored jointly by the Department of Theatre Arts in the School of Humanities and Sciences. Students receive credit for assignments in instrumental or vocal performance. Evaluated for pass/fail grade only by the music faculty member in charge of the designated area of specialization. Evaluation based on degree of professional attitude and quality of performance. Audition required prior to enrolling. Class meeting: Varies according to the extent of the role/credit granted. Music students may not enroll in THPA 13000 Rehearsal and Performance. May be taken for a maximum of (F-S)

0-2 Credits

MUMC 14500 Introduction to Electroacoustic Music (LA)

Introduces the essential elements of classical and contemporary electroacoustic music. Theoretical and practical studies focus on the elements of sound synthesis, audio mixing, and recording. Students are exposed to major works in the classical electroacoustic field while creating their own compositions. No prior formal training in music or electronics is required. Students meet for one lecture and one lab per week and are assigned biweekly studio time for assignments and their own explorations. (F,S,Y)

Attributes: 3B, FA

2 Credits

MUMC 16100 Diction I (NLA)

A detailed study of the International Phonetic Alphabet, with particular attention to the rules and symbols of English, Italian, and German diction. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. (F)

Attributes: GERM

2 Credits

MUMC 16200 Diction II (NLA)

A detailed study of the International Phonetic Alphabet, with particular attention to the rules and symbols of French diction. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. Prerequisites: MUMC 16100 or MUPS 16100. (S)

2 Credits

MUMC 16300 Diction for the Non-Vocal Music Major (NLA)

The study of the International Phonetic Alphabet (IPA) as it relates to English, Italian, German, and French vowel and consonant sounds. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. For music majors in the Music Education and four-and-one-half-year programs, piano and guitar tracks. (S)

2 Credits

MUMC 16600 Career Orientation (NLA)

Lectures, films, panel discussions, workshops, and performances present thorough coverage of careers in the music field. Members of the School of Music faculty, all of whom are experienced in the areas they discuss, are present during class sessions. These appearances, together with those of selected off-campus guests, permit a realistic appraisal of current vocational opportunities. Students are assisted in (1) selecting goals in the music profession that are realistic in view of present conditions of employment, and (2) evaluating their career goals in light of their own qualifications and those apparently essential for success in the field. Also provides a summary of United States copyright law and its implications for music teachers, performers, and composers. (S)

1 Credit

MUMC 19900-19901 Independent Study: Music (NLA)

Independent study under the direction of a music faculty member for areas of study otherwise not available in the curriculum. A written proposal must be submitted not later than the end of the first week of classes. Requires approval of the sponsoring faculty member and the dean. Request forms for independent study are available in the music office. Also offered through the London Center. (F-S)

1-3 Credits

MUMC 21000 Scoring for Visual Media I (NLA)

This course introduces students to the theory and practice of musical scoring for film and other visual media. Students will learn the technical processes of syncing music to image, compositional strategies and techniques used to support the visual narrative, and the use of software and sample libraries for the creation of film scores. Students will develop the ability to understand musical and visual decisions made in the film making process. Course includes practical scoring exercises and projects. Prerequisites: MUTH 10100. (F,Y)

2 Credits

MUMC 21100 Music in NYC (LA)

A seminar designed around music performances such as orchestral, opera, musical theatre, chamber, and new music performances programmed in NYC during the semester. Students enrolled in the ICNYC program will attend a planned selection of at least seven performances and meet weekly for preparation, discussion, and reflection. As appropriate students will have the opportunity to attend rehearsals and meet the artists. Prerequisites: Sophomore standing and MUTH 12100. (F)

3 Credits

MUMC 22000 Acting and Movement for the Singing Performer (NLA)

An interdisciplinary course designed to develop body awareness and theatrical acting skills for singers. Emphasis on acting techniques and styles of movement. Culminates in a performance of a song or aria, using acting styles and movement techniques to create a fully formed, identifiable stage persona. Prerequisites: PFMJ 20100. (F)

2 Credits

MUMC 22100 NYC Music Special Topics Mini-Course (LA)

Exploration and discussion of a special topic over two or three days and linked to events in NYC. Prerequisites: Sophomore standing and music majors only. (F)

1 Credit

MUMC 24500 Music Industry Past and Present: History of Recorded Music (LA)

Historical survey of the past 150 years in music making, told through the lens of recording technology. Emphasis on the evolution of recording technology and exploration of its role in the musical experience. Through four chronologically oriented units, students explore the specific equipment developed, operational techniques, key figures in the industry, technology's relationship with prevalent musical styles, and relevant sociological effects. Prerequisite: sophomore standing. (S)

Attributes: CA, MAP, TIII, TWOS

3 Credits

MUMC 24800 Digital Sound Production (LA)

This studio-oriented course explores the concepts and basic applications of MIDI systems. Students learn to use software sequencers in the process of composing and creating classical, electroacoustic, and popular music. This course may be used as a music elective for the bachelor of music degree. Students meet for one lecture and one lab per week, and are assigned biweekly studio time for assignments and their own explorations. Prerequisites: MUMC 14500. (S)

Attributes: FA

2 Credits

MUMC 24900 Techniques and Analysis of Electroacoustic Music Composition (LA)

An elective for the music major or non-music major with prior electroacoustic composition experience. Subjects covered include alternate MIDI controllers, advanced sequencing techniques, timbre design using a variety of contemporary synthesis techniques, and analysis of representative electroacoustic works by contemporary composers. This course may be used as a music elective for the bachelor of music degree. Students meet for one lecture and one lab per week, and are assigned biweekly studio time for assignments and their own composing. Prerequisites: MUMC 14500; MUMC 24800. (IRR)

Attributes: FA

2 Credits

MUMC 25000 Digital Recording and Editing (LA)

Enables students to develop expertise in the art and science of digital recording and sound sampling. Topics include the theory and practice of digital recording, editing, and mixing; field sample collection; and music composition techniques using digital recording software. This course may be used as a music elective for the bachelor of music degree. Students meet for one lecture and one lab per week, and are assigned biweekly studio time for assignments and their own composing. Prerequisites: MUMC 14500. (F)

Attributes: FA

2 Credits

MUMC 25500 Vocal Pedagogy I: Basics of Vocal Mechanics (NLA)

Explore the functions and human anatomy involved in using the voice: body alignment, breathing, phonation, resonance, and articulation. Students engage in classroom activities and demonstrations that provide visual, aural and kinesthetic illustrations that enhance their working understanding of the vocal instrument. Additionally, this course serves to educate students on vocal health, wellness and hygiene. Appropriate for vocalists, instrumentalists, actors, and other students pursuing professions that require an understanding of the mechanics of the singing instrument. (S,F,B)

1 Credit

MUMC 27300 Elective Recital (NLA)

In consultation with their major performance professor, music majors may give a solo recital for elective music credit. These programs may be full recitals (approximately one hour in length), or a shared half recital (approximately one-half hour per performer). Prerequisites: Permission of instructor. Credit: Full recital, half recital, (F-S)
0.5-1 Credits

MUMC 27700 Introduction to the Organ (NLA)

Basic instruction in playing the organ, with an overview of organ history and construction. Covers the basics of legato, including substitution and thumb glissando, as well as pedal playing. Weekly meetings in a seminar setting include lecture, written, and keyboard components. Prerequisites: PFSM 17600. (F,S)

1 Credit

MUMC 27900 Introduction to the Harpsichord (NLA)

Basic instruction in playing the harpsichord, as well as insight into playing continuo, with an overview of harpsichord history, literature, and construction, and the basics of figured bass realization and figured bass in the context of continuo accompaniment. Adaptation of realized continuo parts into more usable accompaniments is emphasized. Prerequisites: PFSM 17600. (F,S)

1 Credit

MUMC 28100 Selected Topics in Music (LA)

Study of topics in music chosen by the instructor and approved by the appropriate department chair. Prerequisites: As appropriate to the topic. Attributes: FA

1-3 Credits

MUMC 29900-29901 Independent Study: Music (NLA)

Independent study under the direction of a music faculty member for areas of study otherwise not available in the curriculum. A written proposal must be submitted not later than the end of the first week of classes. Requires approval of the sponsoring faculty member and the dean. Request forms for independent study are available in the music office. Also offered through the London Center. (F-S)

1-3 Credits

MUMC 35100 Reaching Out to Audiences (LA)

An exploration of how musicians can reach and build broader audiences for the various genres of classical music. Topics include the importance of community involvement, musicians' interaction with audiences, visual presentation of performance (e.g., multimedia, lighting), presenting 20th- and 21st-century music to diverse audiences, connecting with music education programs in colleges and the public schools, and understanding several aspects of music management. Prerequisites: Two semesters of private lessons at level 2. Class meetings: Two hours per week for one block. (F)

1 Credit

MUMC 37100 Band Instrument Management and Maintenance (NLA)

An introduction to the methods, procedures, and terminology necessary to organize, maintain, and distribute an inventory of brass and woodwind instruments in a public school setting. Addresses basic inspection and cleaning techniques, as well as preventative maintenance and instrument storage issues. Inventory control procedures, contracts, and repair budget estimation are covered. This course is open to all instrumental and vocal music majors who plan to teach in public or private schools. Prerequisites: Junior standing. (S,B)

1 Credit

MUMC 37300 Required Junior Recital (NLA)

As a condition for graduation, students in the performance and four-and-a-half year programs are required to present a junior solo recital approximately one hour long. (F,S)

1 Credit

MUMC 37500 Style Registration in Organ Music (LA)

Study of various stylistic concepts in organ composition and the corresponding types of registration. Exercises in the appropriate registration for instruments of different specifications. (IRR)

2 Credits

MUMC 38100 Selected Topics in Music (LA)

Study of topics in music chosen by the instructor and approved by the appropriate department. Prerequisites: As appropriate to the topic.

1-3 Credits

MUMC 39000 Internship: Music (NLA)

Practical experience in a music-related field. A supervised work experience with a cooperating institution or business to provide the student with an opportunity to meet active professionals and to guide career planning. The student must develop a proposed project and carry out its requirements under the supervision of a faculty sponsor. Pass/fail only. Prerequisites: Junior or senior standing; approval of faculty sponsor and dean. (F-S)

1-3 Credits

MUMC 39900-39901 Independent Study: Music (NLA)

Independent study under the direction of a music faculty member for areas of study otherwise not available in the curriculum. A written proposal must be submitted not later than the end of the first week of classes. Requires approval of the sponsoring faculty member and the dean. Request forms for independent study are available in the music office. Also offered through the London Center. (F-S)

1-3 Credits

MUMC 40300 Computer Technology in Music Education (NLA)

Advanced course in computer technology for students majoring in music education. Activities include surveying current CAI materials, creating MIDI and digital audio resources for web delivery, and developing musical resources designed for use in teaching. Prerequisites: MUMC 10300; MUED 36900, MUED 37000, MUED 37100, or MUED 37200. (F-S)

2 Credits

MUMC 40400 Interactive Multimedia Design for Musicians (NLA)

Advanced course for musicians interested in learning how to design and create interactive multimedia. The goal is to help students learn to create different types of multimedia materials specifically designed to focus on their area of musical interest and expertise. These materials may take many different forms, but they will all be content rich and stress the musicianship and interests of each individual student. Prerequisites: MUMC 10300 and MUTH 32100 or MUTH 32101. (S)

2 Credits

MUMC 41000 Feldenkrais (NLA)

This course is based on the Awareness Through Movement® lessons developed by Moshe Feldenkrais. Through gentle movement sequences, musicians can learn to improve coordination, posture, and balance, which can lead to more artistic performance. Prerequisites for music majors: Junior standing. Prerequisites for non-music majors: Permission of instructor. (F)

1 Credit

MUMC 41100 Creative Arts Methods for Older Adults (NLA)

Techniques for developing a creative arts program including music, drama, and movement for older adults. The process combines an overview of gerontological issues and their relationship to the needs of older adults. Classes meet on campus and at local adult-care facilities.

Prerequisites: Junior standing. (S,O)

3 Credits

MUMC 42000-42005 Selected Topics in Art Song Literature (NLA)

Changing topics in art song literature and performance practice.

Prerequisites: PFMJ 30100 or PFMJ 30300. (F-S-B)

1 Credit

MUMC 42006-42010 ST: Art Song Literature (NLA)

Changing topics in art song literature and performance practice.

Prerequisites: PFMJ 30100 or PFMJ 30300. (F,S,B)

1 Credit

MUMC 44500 Musical Theater Workshop (NLA)

A team-taught, interdisciplinary, performance-oriented course designed to integrate musical and theater performance skills through the selection, development, and presentation of scenes from musicals. Audition required. Prerequisite: Permission of instructor. (F-S)

2 Credits

MUMC 44700 Opera Workshop (NLA)

A team-taught, interdisciplinary, performance-oriented course designed to integrate musical and theater performance skills through the presentation of scenes from the standard and contemporary operatic repertoire. Audition required. Prerequisite: Permission of instructor. (F-S)

2 Credits

MUMC 44800 Audio Repair, Maintenance, and Calibration (NLA)

A workshop course on the theoretical and practical skills behind normal maintenance and calibration of both analog and digital equipment in the audio recording studio. This includes tape head alignment, level calibration, mixing console maintenance and repair, the development of troubleshooting and analytical skills, room equalization and acoustics, computer repair, maintenance, and memory management. Prerequisites: COMP 17100; PHYS 16000 or THPA 30600. (F,B)

2 Credits

MUMC 45000 Scoring for Visual Media II (NLA)

This course is a continuation of MUMC 21000. This course presents an examination and application of the aesthetic, technical, and compositional decision-making processes used in scoring for film and television. Students study the roles of music in film and television and the compositional techniques used to further the drama and plot. They learn about the mechanics of synchronization, including free-timing, the use of click tracks, and Society of Motion Picture and Television Engineering synchronization, and then apply them in their own scores. The class studies representative cues from classic and contemporary film music repertoire. Students participate in spotting, scoring, mixing, and recording their own cues. Prerequisites: MUMC 21000; MUTH 34500, MUTH 43700, or JAZZ 32600 may be taken as a prerequisite or a corequisite. (S,E)

2 Credits

MUMC 45500 Vocal Pedagogy II: Application and Practice of Voice Teaching (NLA)

This course combines lecture and experiential components related to teaching voice in the private lesson setting. The pedagogy of teaching voice, including teaching methods, voice science, performance psychology, and artistic concerns will be covered. In addition, students will teach one volunteer student in weekly singing lessons, culminating in a volunteer student recital. Included in the course are aspects of the business of running an independent voice studio. Prerequisites: MUMC 25500. (S,Y)

2 Credits

MUMC 46000 Opera in London (LA)

The class takes advantage of the wide range of operatic activity in London, not only by attending as many live performances as possible, but also by meeting with opera performers and directors and by making backstage visits to London's two main opera houses. Offered through the London Center. (S)

3 Credits

MUMC 46100 Senior Seminar in Music, Liberal Arts, and Outside Fields (LA)

A capstone experience for students in the Bachelor of Music in Combination with an Outside Field and the Bachelor of Arts degree programs. Students will engage in individual research that combines music with another major area of interest and that explores the relationship between music and each student's studies in liberal arts and outside fields. Discussions will center on developing and understanding these relationships. Presentations and a final eportfolio are required. Presentation projects may be based in part on performances, internships, or other experiential learning. Prerequisites: Senior standing; open only to majors in BA music and BM in Combination with an Outside Field. (S)

Attributes: CP

2 Credits

MUMC 46900 String Instrument Maintenance and Repair (NLA)

An introductory course dealing with string instrument adjustments, troubleshooting, and emergency repairs typically encountered by teachers in public school music programs. Prerequisites: Senior standing. (S,O)

1 Credit

MUMC 47000 Introduction to Brass Repair (NLA)

An introduction to the care, maintenance, and repair of the trumpet, horn, trombone, and tuba. (IRR)

1 Credit

MUMC 47100 Introduction to Woodwind Repair (NLA)

An introduction to tools and tool making, care of woodwinds, emergency repairs, basic clarinet repair skills, and flute and saxophone work. This course is less detailed than MUMC 47200. Those electing this course may not enroll in the spring-semester offering of MUMC 47200. (F)

1 Credit

MUMC 47300 Required Senior Recital (NLA)

As a condition for graduation, students in the performance and four-and-a-half-year programs are required to present a senior solo recital, approximately one hour long. (F-S)

Attributes: CP, TE

2 Credits

MUMC 47301 Senior Voice Recital (NLA)

As a condition for graduation, students in the performance and four-and-a-half year programs are required to present a senior solo recital, approximately one hour long. This capstone experience includes preparation through private voice lessons as well as study of the languages, poetry, and musical and dramatic elements with a vocal coach. Prerequisites: MUMC 37300. (F,S)
Attributes: CP
2 Credits

MUMC 47500 Required Collaborative Recital (NLA)

Students prepare and perform a recital of standard length (approximately 50-60 minutes), composed of approximately one-half vocal and one-half instrumental literature, in collaboration with students from other studios. Students may also fulfill this requirement by appearing in two separate recitals (one instrumental, one vocal) and performing at least half of each recital. Repertoire is approved and coached by the supervising faculty member in PFMJ 44700-PFMJ 44800 Private Accompanying. Grading is by faculty committee. Prerequisites: Senior standing; piano performance-collaborative emphasis major; prior or concurrent registration in PFMJ 44700. (F-S,Y)
1 Credit

MUMC 48100 Selected Topics in Music (LA)

Study of topics in music chosen by the instructor and approved by the appropriate department. Prerequisites: As appropriate to the topic.
1-3 Credits

MUMC 48300 Performance Studies in Early Music (LA)

The study and performance of early music for singers and instrumentalists. Projects require transcribing music from primary and secondary sources, studying performance techniques on available historical instruments, and rehearsing and performing the transcribed music. Historical authenticity versus modern practicality are discussed. May be repeated for credit. (F-S)
2 Credits

MUMC 48500 Survey of Piano Literature I (LA)

The study of piano literature from the high baroque through the middle romantic periods. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Periodic examinations and individual projects are required. The course includes one hour of lecture and one half-hour lab meeting weekly, and is required of keyboard majors in the performance program in the senior year. (F,IRR)
1 Credit

MUMC 48600 Survey of Piano Literature II (LA)

The study of piano literature from the middle romantic period through the 20th century. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performance. Periodic examinations and individual projects are required. The course includes one hour of lecture and one half-hour lab meeting weekly, and is required of keyboard majors in the performance program in the senior year. (S,IRR)
1 Credit

MUMC 48700 Survey of Violin and Viola Literature (LA)

The study of violin and viola literature from the 17th century through the 20th century. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. The course includes weekly aural assignments, individual projects, and periodic examinations. Prerequisites: Senior or graduate standing. (S)
2 Credits

MUMC 49000 Internship: Music (NLA)

Practical experience in a music-related field. A supervised work experience with a cooperating institution or business to provide the student with an opportunity to meet active professionals and to guide career planning. The student must develop a proposed project and carry out its requirements under the supervision of a faculty sponsor. Pass/fail only. Prerequisites: Junior or senior standing; approval of faculty sponsor and dean. (F-S)
Attributes: UND
1-3 Credits

MUMC 49300 Piano Pedagogy (NLA)

In-depth study for keyboard majors of methods and materials pertaining to the study of piano as both a major and a minor instrument. Special consideration is given to the area of beginning piano study. Various aspects of both group and individual lessons are considered. (S,IRR)
2 Credits

MUMC 49400 Piano Technology (NLA)

Study of the art and science of piano tuning, repair, and action regulating, including history of the piano and its predecessors; physics of keyboard instruments; and practical work in maintaining and rebuilding pianos. (F)
2 Credits

MUMC 49900-49901 Independent Study: Music (NLA)

Independent study under the direction of a music faculty member for areas of study otherwise not available in the curriculum. A written proposal must be submitted not later than the end of the first week of classes. Requires approval of the sponsoring faculty member and the dean. Request forms for independent study are available in the music office. Also offered through the London Center. (F-S)
Attributes: TE
1-3 Credits

Music in Combination with an Outside Field – B.M.

Summary

Code	Title	Credits
	Music Requirements	71
	Outside Field Requirements	23
	Integrative Core Curriculum Requirements	31-32
Total Credits		125

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
PFMJ 10100	Voice I - Music Major (2 credits times 2 semesters)	4
PFMJ 20100	Voice II - Music Majors (2 credits times 2 semesters)	4
PFMJ 30100	Voice III - Music Majors (2 credits times 2 semesters)	4
PFMJ 40100	Voice IV - Music Majors (2 credits times 2 semesters)	4
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4
Ensembles		

Choral (1 credit times 8 semesters)	8
MUEN 10800 Choir or MUEN 10900 Chorus or MUEN 11000 Treble Chorale	

Music Theory

MUTH 10100 Fundamentals of Music Theory ¹	1
MUTH 12100 Introduction to Musical Styles	2
MUTH 12200 Music Theory I or MUTH 12201 Music Theory I – Honors	2
MUTH 22100 Music Theory II or MUTH 22101 Music Theory II – Honors	2
MUTH 22200 Music Theory III or MUTH 22201 Music Theory III – Honors	2
MUTH 32100 Form and Analysis or MUTH 32101 Form and Analysis – Honors	2
MUTH 32200 Analysis of Music since 1900 or MUTH 32201 Analysis of Music since 1900 - Honors	2

Aural Skills

MUTH 13300 Aural Skills I or MUTH 13301 Aural Skills I - Honors	1.5
MUTH 13400 Aural Skills II or MUTH 13401 Aural Skills II - Honors	1.5
MUTH 23300 Aural Skills III or MUTH 23301 Aural Skills III - Honors	1
MUTH 23400 Aural Skills IV or MUTH 23401 Aural Skills IV - Honors	1

Secondary Instrument

PFSM 17100 Keyboard Musicianship I	1
PFSM 17200 Keyboard Musicianship II	1

Other Music Requirements

MUMC 16100 Diction I	2
MUMC 16200 Diction II	2
MUMC 16600 Career Orientation	1
MUMC 10300 Introduction to Music Technology	1
xxxxx Music electives ¹	6-7
MUMC 10100 Required Recital Attendance (six semesters required)	0

MUSIC LIBERAL ARTS REQUIREMENTS

Music History	
MUTH 25500 History and Literature of Music I	3
MUTH 25600 History and Literature of Music II (WI)	3
MUTH 35500 History and Literature of Music III	3

OUTSIDE FIELD REQUIREMENTS

Courses in an Outside Field approved by an Outside Field Advisor ²	23
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INTEGRATIVE CORE CURRICULUM ³**ICC Theme & Perspective**

ICSM 1xxxx Ithaca Seminar	4
xxxxx Creative Arts (CA)	3
xxxxx Humanities (HM)	3
xxxxx Natural Science (SC)	3
xxxxx Social Science (SO)	3

Competencies		
WRTG 10600 Academic Writing I ⁴		3
Complementary Liberal Arts CLA ⁵		
xxxxx Liberal Arts Electives		12
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁶		9
Capstone Experience		
MUMC 46100 Senior Seminar in Music, Liberal Arts, and Outside Fields (CP) ⁷		2
E-portfolio		
Total Credits		125

¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.

² The 23 credits in the Outside Field must be taken outside the School of Music.

³ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

⁴ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁵ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.

⁶ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁷ MUMC 46100 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Summary

Code	Title	Credits
	Music Requirements	71
	Outside Field Requirements	23
	Integrative Core Curriculum Requirements	31-32
Total Credits		125

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
PFMJ 1xxxx	Private Instrument I - Music Major (2 credits times 2 semesters)	4
PFMJ 2xxxx	Private Instrument II - Music Major (2 credits times 2 semesters)	4
PFMJ 3xxxx	Private Instrument III - Music Major (2 credits times 2 semesters)	4

PFMJ 4xxxx	Private Instrument IV - Music Major (2 credits times 2 semesters)	4
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 8 semesters)	4

Ensembles

Instrumental (1 credit times 8 semesters) ¹	8
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MUEN 10500 Wind Ensemble
 or MUEN 10 Concert Band
 or MUEN 10 Wind Symphony
 or MUEN 11 Symphony Orchestra

Music Theory

MUTH 10100	Fundamentals of Music Theory ²	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
	or MUTH 12201 Music Theory I – Honors	
MUTH 22100	Music Theory II	2
	or MUTH 22101 Music Theory II – Honors	
MUTH 22200	Music Theory III	2
	or MUTH 22201 Music Theory III – Honors	
MUTH 32100	Form and Analysis	2
	or MUTH 32101 Form and Analysis – Honors	
MUTH 32200	Analysis of Music since 1900	2
	or MUTH 32201 Analysis of Music since 1900 - Honors	

Aural Skills

MUTH 13300	Aural Skills I	1.5
	or MUTH 13301 Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
	or MUTH 13401 Aural Skills II - Honors	
MUTH 23300	Aural Skills III	1
	or MUTH 23301 Aural Skills III - Honors	
MUTH 23400	Aural Skills IV	1
	or MUTH 23401 Aural Skills IV - Honors	

Secondary Instruments

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1

Other Music Requirements

MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
xxxxx	Music electives ²	10-11
MUMC 10100	Required Recital Attendance	0

MUSIC LIBERAL ARTS REQUIREMENTS**Music History**

MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3

OUTSIDE FIELD REQUIREMENTS

Courses in an Outside Field approved by an Outside Field Advisor ³	23
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INTEGRATIVE CORE CURRICULUM ⁴**ICC Theme & Perspective**

ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3

xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3

Competencies

WRTG 10600	Academic Writing I ⁵	3
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Complementary Liberal Arts CLA ⁶

xxxxx	Liberal Arts Electives	12
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Course Attributes

Select 3 credits of each (DV, WI, QL) ⁷	9
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Capstone Experience

MUMC 46100	Senior Seminar in Music, Liberal Arts, and Outside Fields (CP) ⁸	2
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E-portfolio

Total Credits	125
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- ¹ Keyboard Majors Take Pianist as Collaborator Freshman Year.
- ² Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and they take the lower number of music electives.
- ³ The 23 credits in Outside Field must be taken outside the school of Music.
- ⁴ The 31-32 credits listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ⁵ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁶ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.
- ⁷ The DV, WI and QL attribute requirements of the Integrative Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁸ MUMC 46100 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

Music Major – B.A.

The bachelor of arts in music degree program gives the largest number of electives with the potential for substantive study in the liberal arts with music as a base.

Summary

Code	Title	Credits
	Music Requirements	52
	Integrative Core Curriculum Requirements	31-32
	Liberal Arts Electives Requirements	45
Total Credits		128

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
PFMJ 10100	Voice I - Music Major (2 credits times 2 semesters)	4
PFMJ 20100	Voice II - Music Majors (2 credits times 2 semesters)	4
PFMJ 30100	Voice III - Music Majors (2 credits times 2 semesters)	4
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 6 semesters)	3
Ensembles		
Choral (1 credit times 4 semesters)		4
MUEN 10800	Choir	3
or MUEN 10900	Chorus	
or MUEN 11000	Double Choral	
Music Theory		
MUTH 10100	Fundamentals of Music Theory ¹	0-1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
	or MUTH 12201Music Theory I -- Honors	
MUTH 22100	Music Theory II	2
	or MUTH 22101Music Theory II -- Honors	
MUTH 22200	Music Theory III	2
	or MUTH 22201Music Theory III -- Honors	
Aural Skills		
MUTH 13300	Aural Skills I	1.5
	or MUTH 13301Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
	or MUTH 13401Aural Skills II - Honors	
Secondary Instruments		
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
Other Music Requirements		
MUMC 16100	Diction I	2
MUMC 16200	Diction II	2
MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3
MUTH xxxxx	Music history electives	3
INTEGRATIVE CORE CURRICULUM ²		
ICC Theme & Perspective		
ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3

xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3

Competencies		
WRTG 10600	Academic Writing I ³	3
Complementary Liberal Arts CLA ⁴		12
Liberal Arts Electives		45-48
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁵		9
Capstone Experience		
MUMC 46100	Senior Seminar in Music, Liberal Arts, and Outside Fields ⁶	2
E-portfolio		
Total Credits		128-129

- ¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and their music requirement is increased by 1 credit.
- ² Apart from the Capstone MUMC 46100 the liberal arts listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ³ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁴ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.
- ⁵ The DV, WI and QL attribute requirements of the Integrated Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁶ MUMC 46100 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music degree requirements.

The bachelor of arts in music degree program gives the largest number of electives with the potential for substantive study in the liberal arts with music as a base.

Summary

Code	Title	Credits
Music Requirements		48
Integrative Core Curriculum Requirements		31-32
Liberal Arts Electives Requirements		45
Total Credits		124

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
PFMJ 1xxxx	Private Instrument I - Music Major (2 credits times 2 semesters)	4

PFMJ 2xxxx	Private Instrument II - Music Major (2 credits times 2 semesters)	4
PFMJ 3xxxx	Private Instrument III - Music Major (2 credits times 2 semesters)	4
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 6 semesters)	3
Ensembles		
Instrumental (1 credit times 4 semesters)		4
MUEN 10500 Wind Ensemble or MUEN 10600 Concert Band or MUEN 10700 Wind Symphony or MUEN 11100 Symphony Orchestra		
Music Theory		
MUTH 10100	Fundamentals of Music Theory ¹	0-1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I or MUTH 12201 Music Theory I – Honors	2
MUTH 22100	Music Theory II or MUTH 22101 Music Theory II – Honors	2
MUTH 22200	Music Theory III or MUTH 22201 Music Theory III – Honors	2
Aural Skills		
MUTH 13300	Aural Skills I or MUTH 13301 Aural Skills I - Honors	1.5
MUTH 13400	Aural Skills II or MUTH 13401 Aural Skills II - Honors	1.5
Secondary Instruments		
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
Other Music Requirements		
MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3
MUTH xxxxx	Music history electives	3
INTEGRATIVE CORE CURRICULUM ²		
ICC Theme & Perspective		
ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3
Competencies		
WRTG 10600	Academic Writing I ³	3
Complementary Liberal Arts CLA ⁴		12
Liberal Arts Electives		45-48
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁵		9

Capstone Experience

MUMC 46100	Senior Seminar in Music, Liberal Arts, and Outside Fields ⁶	2
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E-portfolio

Total Credits	124-125
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- ¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and their music requirement is increased by 1 credit.
- ² Apart from the Capstone MUMC 46100 the liberal arts listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.
- ³ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)
- ⁴ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.
- ⁵ The DV, WI and QL attribute requirements of the Integrated Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.
- ⁶ MUMC 46100 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music degree requirements.

The bachelor of arts in music degree program gives the largest number of electives with the potential for substantive study in the liberal arts with music as a base.

Summary

Code	Title	Credits
Music Requirements		48
Integrative Core Curriculum Requirements		31-32
Liberal Arts Electives Requirements		45
Total Credits		124

Degree Requirements

Code	Title	Credits
MUSIC REQUIREMENTS		
Private Lesson Requirement		
PFMJ 10300	Piano I - Music Majors (2 credits times 2 semesters)	4
PFMJ 20300	Piano II - Music Majors (2 credits times 2 semesters)	4
PFMJ 30300	Piano III - Music Majors (2 credits times 2 semesters)	4
PFMJ 19900	Performance Repertoire and Pedagogy (.5 credit times 6 semesters)	3
Ensembles		
Choral (1 credits times 2 semesters)		2
MUEN 10800	Choir	

or MUEN 10900	Chorus	
or MUEN 11000	Double Chorus	
MUEN 11700	The Pianist as Collaborator	1
MUEN 11800	The Pianist as Collaborator	1
Music Theory		
MUTH 10100	Fundamentals of Music Theory ¹	0-1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
or MUTH 12201	Music Theory I – Honors	
MUTH 22100	Music Theory II	2
or MUTH 22101	Music Theory II – Honors	
MUTH 22200	Music Theory III	2
or MUTH 22201	Music Theory III – Honors	
Aural Skills		
MUTH 13300	Aural Skills I	1.5
or MUTH 13301	Aural Skills I - Honors	
MUTH 13400	Aural Skills II	1.5
or MUTH 13401	Aural Skills II - Honors	
Secondary Instruments		
PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
Other Music Requirements		
MUMC 16600	Career Orientation	1
MUMC 10300	Introduction to Music Technology	1
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUSIC LIBERAL ARTS REQUIREMENTS		
Music History		
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II (WI)	3
MUTH 35500	History and Literature of Music III	3
MUTH xxxxx	Music history electives	3
INTEGRATIVE CORE CURRICULUM ²		
ICC Theme & Perspective		
ICSM 1xxxx	Ithaca Seminar	4
xxxxx	Creative Arts (CA)	3
xxxxx	Humanities (HM)	3
xxxxx	Natural Science (SC)	3
xxxxx	Social Science (SO)	3
Competencies		
WRTG 10600	Academic Writing I ³	3
Complementary Liberal Arts CLA ⁴		12
Liberal Arts Electives		45-48
Course Attributes		
Select 3 credits of each (DV, WI, QL) ⁵		9
Capstone Experience		
MUMC 46100	Senior Seminar in Music, Liberal Arts, and Outside Fields ⁶	2
E-portfolio		
Total Credits		124-125

¹ Students may fulfill the requirement for Fundamentals of Music Theory by scoring 84 percent or higher on a placement exam administered by the Department of Music Theory, History, and Composition. Students who score below 84 percent on the exam must take the course, and their music requirement is increased by 1 credit.

² Apart from the Capstone MUMC 46100 the liberal arts listed in this group must be taken outside the School of Music. For more information see Liberal Arts under the School of Music Overview (p. 586) tab.

³ Students may earn credit for WRTG 10600 by scoring a 4 or 5 on the AP English Literature exam or AP English Language and Composition exam or by choosing ICSM 10800. Student choosing the ICSM option must add 3 credits of LA electives. (For more on Ithaca College's AP policy, see Advanced Placement Policy (p. 699).)

⁴ Students will choose a 12-credit plan in consultation with their academic advisor. Concentrated foreign language study is recommended. Additional Liberal Arts could involve a minor, a second major, or study abroad.

⁵ The DV, WI and QL attribute requirements of the Integrated Core Curriculum may be fulfilled through any appropriately designated courses, including those given in the School of Music.

⁶ MUMC 46100 will fulfill the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music degree requirements.

Music Undeclared

This option provides the opportunity for incoming students to begin study in the School of Music while deciding on a specific degree program. Generally, undeclared students follow the standard first-year music curriculum for the individual's specific instrument, but are encouraged to add preliminary music education course work if interested. Students must decide on a degree program by the third semester of study. It is not possible to graduate as an undeclared music major.

Combined Bachelor's and Master's Degree Programs

New York State requires that teachers seeking professional certification in the state complete a master's degree within five years of their initial certification. Thus, students may want to begin graduate study immediately after graduation with the bachelor's degree.

Qualified students who wish to complete both the bachelor's and master's degree programs in music education within five calendar years may be able to do so with careful planning and by attending summer sessions. Qualified students in the four-and-one-half-year program may complete their bachelor's degree and the master's degree in music education in five-and-one-half or six years. Any student interested in these opportunities should consult with the chair of graduate studies in music at the end of the junior year.

Undergraduate students will need to apply for the master's degree, complete all application procedures, and hold a minimum GPA of 3.00. Please note that students must make formal application to the graduate program and be accepted in order to pursue the master's degree. Graduate-level music education core courses (MUED 68000 and MUED 68200) may not be taken until formal acceptance into the graduate program.

Below are suggested plans of study for each of the bachelor's programs.

Five-Year Combined Bachelor of Music Education and Master of Music Education

Code	Title	Credits
Summer Following Senior Year		
Graduate electives ¹		7
Fifth Year – Fall Semester		
MUTH 65200	Bibliography and Research in Music	3
Graduate electives ¹		4
Major instrument		1
Ensemble (or performance minor)		1
Fifth Year – Spring Semester		
MUED 68000	Psychology of Music Teaching	3
MUED 65400	Process-Folio and Presentation 2	1
MUED 54000	Materials and Rehearsal Techniques for the Public School Wind Band	2
	or MUED 54100Choral Rehearsal and Vocal Techniques	
Major instrument		1
Ensemble (or performance minor)		1
Graduate electives ¹		1
Summer Following Fifth Year		
MUED 68200	Seminar in Music Education	3
MUED 65500	Process-Folio and Presentation 3	1
Major instrument		1
Total Credits		30

¹ At least 3 credits of the total number of electives must be music education electives.

Combined Bachelor of Music Education and Performance and Master of Music Education - Option A

Code	Title	Credits
Fall (Ninth Semester) – With Approval of Graduate Chair		
MUTH 65200	Bibliography and Research in Music	3
Spring Following Ninth Semester		
Graduate electives ¹		4
MUED 54000	Materials and Rehearsal Techniques for the Public School Wind Band	2
	or MUED 54100Choral Rehearsal and Vocal Techniques	
Major instrument		2
Ensemble (or performance minor)		1
Summer Session		
MUED 68000	Psychology of Music Teaching	3
MUED 65400	Process-Folio and Presentation 2	1
Graduate electives ¹		5
Fall Semester		
MUED 68200	Seminar in Music Education	3
MUED 65500	Process-Folio and Presentation 3	1
Graduate electives ¹		3
Major instrument		1

Ensemble (or performance minor)	1
Total Credits	30

¹ At least 3 credits of the total number of electives must be music education electives.

Combined Bachelor of Music Education and Performance and Master of Music Education - Option B

Code	Title	Credits
Spring Following Ninth Semester		
Graduate electives ¹		3
MUED 54000	Materials and Rehearsal Techniques for the Public School Wind Band	2
	or MUED 54100Choral Rehearsal and Vocal Techniques	
Major instrument		1
Ensemble (or performance minor)		1
Summer Session		
MUTH 65200	Bibliography and Research in Music	3
Graduate electives ¹		3
Fall Semester		
Graduate electives ¹		3
Major instrument		1
Ensemble (or performance minor)		1
Spring Semester		
MUED 68000	Psychology of Music Teaching	3
MUED 65400	Process-Folio and Presentation 2	1
Major instrument		1
Graduate electives ¹		3
Summer Session		
MUED 68200	Seminar in Music Education	3
MUED 65500	Process-Folio and Presentation 3	1
Total Credits		30

¹ At least 3 credits of the total number of electives must be music education electives.

Music Minor

This program provides an organized sequence of study that nonmajors may begin at the start of their first year. Each applicant must audition on a principal instrument and pass a sight-singing test. A schedule of audition dates is available through the music admissions office or the College admissions office.

Learn more about Opportunities for Non-Majors

Requirements

Code	Title	Credits
Program Requirements		
MUTH 10100	Fundamentals of Music Theory ¹	1
MUTH 12100	Introduction to Musical Styles	2
MUTH 12200	Music Theory I	2
MUTH 13300	Aural Skills I	1.5

MUTH 13400	Aural Skills II	1.5
MUTH 25500	History and Literature of Music I	3
MUTH 25600	History and Literature of Music II	3
PFMJ xxx01	Private Instrument ²	4
MUEN xxxxx	Major Ensemble in consecutive semesters ³	4
Total Credits		22

¹ Student must take the Fundamentals exam prior to the semester in which they formally enter the minor. Students who score 84 percent or higher on a placement exam for this course, administered by the Department of Music Theory, History, and Composition, fulfill this requirement but do not receive credit for the course. Students with scores below 60 are required to take Fundamentals at the onset of the minor.

² One credit per semester; four consecutive semesters: must be taken concurrently with a least one other course in the minor (i.e. Aural Skills, Ensemble, Music History, etc.). Private studies are normally with a graduate student or, availability permitting, with either a full- or part-time faculty member. Normally, students begin lessons immediately upon registering for the minor.

³ Requires an audition, and permission of performance teacher and ensemble conductor.

Continuing Education Programs

Extramural (Nondegree Study)

Persons who are not seeking a degree at Ithaca College may enroll on a course-by-course basis in undergraduate and graduate classes as extramural (nondegree) students. Extramural study at Ithaca College is appropriate for a wide range of individuals, such as:

- persons who never started college or who want to return to college;
- area residents who want to take a course or two for professional development or personal interest;
- college graduates who want to continue their education at either the undergraduate or graduate level;
- students at another college or university who want to enroll for transfer of credit;
- international students whose visa eligibility and financial status are approved by the Office of International Programs;
- qualified high school students who wish to get a head start in college-level study;
- Ithaca College employees who have the approval of their department supervisor and the Office of Human Resources.

Eligibility and Limitations

Extramural students who have graduated from high school or hold a GED or an associate's degree may register for undergraduate courses only. Those who already hold a bachelor's or advanced degree may register for either undergraduate or graduate courses; however, for registration in graduate courses, permission of the graduate chair is required. All classes (with certain restrictions) are open to extramural students on a space-available basis. Registrants must meet the prescribed prerequisites for any course. In academic matters, no distinction is made

among students, regardless of age. Extramural students are generally ineligible for enrollment in independent studies and internships.

Extramural students may enroll for a cumulative total of 18 undergraduate credits before applying to any undergraduate degree program. More than 18 credits may be taken only if the student does not wish to participate in a degree program. Extramural students who enroll in graduate courses are subject to the guidelines on transfer of credit outlined in the Ithaca College graduate catalog. No more than 12 graduate credits taken as an extramural student may be applied to a graduate degree at Ithaca College.

Credits earned on an extramural basis may be transferred to an Ithaca College degree program, although this transfer is not guaranteed. All transfer credits are subject to approval by the appropriate dean. Anyone wishing to enter an Ithaca College undergraduate or graduate degree program must apply through the Office of Admission, 607-274-3124.

Undergraduate Programs admission website (<http://www.ithaca.edu/admission/>)

Graduate Studies Admissions website (<http://www.ithaca.edu/gradadmission/>)

Ithaca College reserves the right to suspend the eligibility of any student who does not maintain a passing cumulative grade point average (2.00). All dismissals from the program are at the discretion of the program director.

Matriculated Ithaca College undergraduate and graduate students — including those who are suspended, dismissed, withdrawn, or on a leave of absence from any school within the College — are not eligible for registration as extramural students.

Registration and Tuition

Course registration for extramural study is completed during the first week of classes. Extramural registrants pay on a per-credit basis regardless of the number of credits enrolled. The 2020-2021 undergraduate rate is \$1,554 per credit. The graduate tuition rate varies according to program. The fee to audit is 10 percent of the undergraduate per credit tuition rate for both undergraduate and graduate courses.

New York State requires all students who register for 6 or more credits in a semester to provide proof of immunization against measles, mumps, and rubella.

Review the Extended Studies website (<http://www.ithaca.edu/nondegree/>) and contact the office for more information.

Admission Information

- Admission (p. 698)
- Advanced Placement Policy (p. 699)
- CLEP Policy (p. 700)
- International Baccalaureate Policy (p. 701)
- Articulation Agreements (p. 702)
- Proof of High School Graduation (p. 703)
- Office of Access, Opportunity & Achievement (p. 703)
- Transfer Students (p. 704)
- International Students (p. 704)
- International Programs (p. 705)

Admission

Admission to Ithaca College is selective. Applicants are carefully considered on the basis of individual qualifications, both academic and nonacademic. No decision to deny admission will be based on age, disability, marital status, national origin, race, color, religion, sex, sexual orientation, gender identity or expression, or military status.

Ithaca College accepts only the Common Application. Students should submit their application online, along with the \$60 application fee, through the Common Application website (<https://www.commonapp.org/>).

Most students have followed traditional college preparation programs in secondary school; however, applicants from nontraditional schools are encouraged to apply. Applicants are required to submit official transcripts of all their secondary school and college-level coursework, and letters of reference. Auditions, portfolio reviews, or department interviews are also required in certain programs.

Students applying for admission have the option to submit SAT or ACT scores as part of their admission file. Students who send scores should have them sent directly from the appropriate testing agency. Home schooled students and students who attend high schools that provide only descriptive report cards (rather than alphanumeric grades) must submit SAT or ACT scores.

The Office of Admission reserves the right to request standardized test scores or other information about an applicant should the admission committee determine that additional information is necessary to make a decision.

Office of Admission

The Office of Admission strongly encourages prospective students and their families to engage with the Ithaca College community. Virtual and on-campus visit opportunities are available on most weekdays and select Saturdays while the College is in session as well as throughout the summer. During the COVID-19 pandemic, campus visit opportunities are limited and subject to cancellation. See [ithaca.edu/visit](https://www.ithaca.edu/visit/) (<https://www.ithaca.edu/visit/>) for additional information.

Contact the Office of Admission at admission@ithaca.edu or (607) 274-3124 if you have any questions.

Early Decision

The Office of Admission encourages qualified candidates who have selected Ithaca College as their first choice to consider applying under the early decision program. Applications must be filed by November 1, with all supporting materials in place by November 15.

Early decision applicants will be notified of the admission committee's decision by December 15. Early decision is a first-choice, binding agreement, and those offered admission will be expected to submit an enrollment confirmation and nonrefundable advance payment by February 1. Students offered early decision admission agree to withdraw applications submitted to other colleges or universities.

Early Action

Ithaca College offers a nonbinding early action option for students who complete their application to Ithaca College by December 1 and select early action on their Common Application. Early action applicants will be notified of an admission decision by February 1. It is important to note

that due to the timing of the audition and interview process, early action is not offered to applicants in Music or Theatre.

Music and Theatre Arts

Early Decision applicants to the School of Music and Department of Theatre Arts may apply by November 1 and must audition or interview on the first available date.

Acting and Musical Theatre applicants may not apply early decision.

Early action is not an option for applicants to the School of Music and Department of Theatre Arts.

The regular decision deadline for applicants to the School of Music and Department of Theatre Arts is December 1.

Music and theatre applicants must also submit pre-screening materials and/or participate in an interview or audition. Pre-screening, audition, and interview requirements vary by major; see the appropriate website for details:

School of Music Admission Requirements (<http://www.ithaca.edu/music/admission/undergraduate/>)

Department of Theatre Arts Admission Requirements (<https://www.ithaca.edu/academics/school-humanities-and-sciences/theatre-arts/interviews-auditions/>)

Regular Decision

First-year and transfer candidates may apply for regular admission for the fall or spring semester. Prospective first-year students should apply no later than February 1 for the fall semester and no later than November 1 for the spring semester. Transfer applicants should submit their application early in the semester prior to entry, and no later than March 1 for fall admission or November 1 for spring admission. Please see above for information regarding admission to the School of Music or the Department of Theatre Arts.

English Language Testing Requirements

Applicants whose native language is not English are required to submit official results of a test of English proficiency.

Recommended minimum scores:

- Test of English as a Foreign Language (TOEFL): Recommended score of 80 or higher on the Internet-based TOEFL (iBT).
- International English Language Testing System (IELTS): Recommended score of 6.0 or higher.
- Pearson Test of English Academic (PTE Academic): Recommended score of 54 or higher.
- Duolingo English Test: Recommended score of 105 or higher.

Applicants who have previously attended a high school, college or university for at least three years, where English is the principal language of instruction and have earned passing grades in English courses are exempt from an English proficiency exam.

For more information, please review the following websites:

- TOEFL (<http://www.ets.org/toefl/>)
- IELTS (<http://takeielts.britishcouncil.org/usa/>)
- PTE Academic (<https://pearsonpte.com/>)
- Duolingo English Test (<https://englishtest.duolingo.com/>)

Orientation

A special orientation program is held for new students. Academic advising and assistance in acclimating to the Ithaca College community are integral parts of this program. New students are required to attend. Details of dates, costs that may be involved, and the program itself are provided to new students by the Office of New Student and Transition Programs.

- Office of New Student & Transition Programs (<https://www.ithaca.edu/new-student-transition-programs/>)
- Orientation website (<http://www.ithaca.edu/orientation/>)

Filing Dates for 2021-2022

Admission Application Filing Dates for Fall 2022

- Early decision applications must be received by November 1, 2021.
- Early decision notification will be released by December 15, 2021.
- Early decision enrollment deposit is due by February 1, 2022.
- Early action applications must be received by December 1, 2021.
- Early action notification will be released on a rolling basis by February 1, 2022.
- First-year and transfer applications for the School of Music and the Department of Theatre Arts must be received by December 1, 2021.
- Regular decision applications for all programs except for those in the School of Music and Department of Theatre Arts must be received by February 1, 2022, for first-year students and by March 1, 2022 for transfer students.
- Regular decision notification will be released on a rolling basis by April 15, 2022.
- Regular decision enrollment deposits are due by May 1, 2022.
- Spring semester applications should be received by November 1, 2021.

Financial Aid Application Filing Dates for Fall 2022

To be considered for all types of financial aid aside from merit scholarships, applicants who qualify (<https://studentaid.gov/understand-aid/eligibility/requirements/>) must complete the Free Application for Federal Student Aid (FAFSA) each year.

Early decision admission applicants are encouraged to file the Free Application for Federal Student Aid (FAFSA) by November 1, 2021 to be considered for all financial aid resources.

Early action and regular decision applicants are encouraged to file the Free Application for Federal Student Aid (FAFSA) by January 15, 2022 to be considered for all financial aid resources.

For more information and/or deadline dates, please refer to:

- Office of Student Financial Services (<http://www.ithaca.edu/finaid/>)
- FAFSA (<https://studentaid.gov/h/apply-for-aid/fafsa/>)

If you have any questions, you may contact our office at (607) 274-3131.

Advanced Placement Policy

AP/IB/CLEP Policy

AP/IB/CLEP course credit is only applicable to major/minor/concentration areas when permitted by departments. Students should

contact their departments with any questions regarding the application of AP/IB/CLEP course credit to their program.

AP/IB/CLEP course credit is only applicable to ICC Requirements when permitted. Review the ICC Policy below (p. 700) for more information.

Advanced Placement Policy

These policies (see the table of advanced placement equivalents) are in effect for students entering Ithaca College in the 2021-2022 academic year. They are subject to change at any time.

For additional information about Ithaca College's advanced placement policies, contact the Office of the Registrar, Peggy Ryan Williams Center, phone 607-274-3127. Ithaca College's ETS school code is 2325. Scores must be sent directly to the Office of the Registrar, Peggy Ryan Williams Center, Ithaca, NY 14850-7013, before credit is granted.

Advanced Placement (AP) Equivalents

In all schools, scores of 1 or 2 (and in some cases 3) will not be awarded credit. Scores of 3, 4, and 5 are awarded credit as indicated below.

AP Exam	Score	IC Course Equivalent	Credit
Art History	3, 4, 5	ARTH 18888	3
Biology	3, 4, 5	BIOL 11500 and BIOL 18888	6
Calculus AB	3, 4, 5	MATH 11100	4
Calculus BC	3, 4, 5	MATH 11100	4
		MATH 11200	4
Calculus BC ²	1, 2	MATH 11100	4
Chemistry	4, 5	CHEM 18888 ¹	3
Chinese Language & Culture	3, 4, 5	CHIN-18888	6
Computer Science Principles	3,4,5	COMP 18888	3
Computer Science A	3	COMP 18888	3
	4, 5	COMP 17100	4
English Literature/Composition ³	4, 5	WRTG 10600 and ENGL 18888	6
English Language/Composition ³	4, 5	WRTG 10600 and ENGL 18888	6
Environmental Science	4, 5	ENVS 11000	3
European History	4, 5	HIST 18888	3
French Language & Culture	3	FREN 20100	3
	4	FREN 20200	3
	5	FREN 38888	3
German Language & Culture	3	GERM 20100	3
	4	GERM 20200	3
	5	GERM 38888	3

Government and Politics: Comparative	3, 4, 5	POLT 18888	3
Government and Politics: U.S.	3, 4, 5	POLT 18888	3
Human Geography	4, 5	ENVS 18888	3
Italian Language & Culture	3	ITAL 20100	3
	4	ITAL 20200	3
	5	ITAL 38888	3
Japanese Language and Culture	3, 4, 5	TRAN 38888	6
Latin	3, 4, 5	LATN 10100	3
		LATN 10200	3
Macroeconomics	4, 5	ECON 12100	3
Microeconomics	4, 5	ECON 12200	3
Music Theory	4, 5	MUTH 18888	2
Physics 1: Algebra Based	3	PHYS 18888	4
	4, 5	PHYS 10100	4
Physics 2: Algebra Based	3	PHYS 18888	4
	4, 5	PHYS 10200	4
Physics C: Electricity & Magnetism	3	PHYS 18888	4
	4, 5	PHYS 11800	4
Physics C: Mechanics	3	PHYS 18888	4
	4, 5	PHYS 11700	4
Psychology	4, 5	PSYC 10300	3
Research	4, 5	TRAN 18888	1
Seminar	4, 5	TRAN 18888	1
Spanish Language & Culture	3	SPAN 20100	3
	4	SPAN 20200	3
	5	SPAN 38888	3
Spanish Literature & Culture	4	SPAN 38888	3
	5	SPAN 32500	3
Statistics	3, 4, 5	MATH 14400	4
2D Art & Design	3	ART 18888	6
	4, 5	ART 12000 and ART 18888	6
3D Art & Design	3	ART 18888	6
	4, 5	ART 12100 and ART 18888	6
Drawing	3	ART 18888	6
	4, 5	ART 11000 and ART 18888	6

U.S. History	4, 5	HIST 18888	3
World History	4, 5	HIST 18888	3

- ¹ Students can receive course-specific credit for CHEM 12100, provided they earn a C or better on a department exam. Otherwise, the students should plan on enrolling in CHEM 12300.
- ² Combined with an AB subscore of 3, 4, or 5 only.
- ³ Students may not receive credit for both the English Literature/Composition and English Language/Composition exams.

AP/IB/CLEP Policy for the ICC Incoming First-Year Students

Students may apply credits earned at other institutions or granted on the basis of AP/IB/CLEP scores to fulfillment of the following Integrative Core Curriculum (ICC) components:

- First-Year Composition (WRTG 10600)
- Quantitative Literacy (QL)
- Diversity (DV)
- Writing Intensive (WI)

Such credits may also apply to the 12 Complementary Liberal Arts credits depending on school and department requirements. The degree to which such credits could apply to a specific ICC requirement is dependent on a match between the Ithaca College courses meeting the requirement and the credit granted for courses completed elsewhere and on program-specific requirements for the 12 Complementary Liberal Arts credits.

Students may not apply credits earned at other institutions or granted on the basis of AP/IB/CLEP score or any other standardized examination program from which Ithaca College awards credit toward fulfillment of the Themes and Perspectives or ICC Capstone components of the ICC.

Transfer Students

Transfer students are defined institutionally as those students who have completed at least 9 semester hours (or equivalent) of college course work after high school graduation and before matriculation at Ithaca College. Transfer students may use AP/IB/CLEP course credits and transferred college credit toward the Themes and Perspectives at the discretion of the ICC Director. Any questions should be directed to ICC@ithaca.edu.

CLEP Policy

Ithaca College, at the discretion of the student's dean or program director, accepts credit from the College Level Examination Program (CLEP). Credit is awarded for both general and subject examinations as outlined in the table below. Test results should be sent directly to the Office of the Registrar. A limited number of CLEP credits may be applied toward ICC requirements; see "Advanced Placement Policy (p. 699)." For additional information about Ithaca College's CLEP policy, please contact the Office of the Registrar, Peggy Ryan Williams Center, 607-274-3127.

CLEP Examination Evaluations

CLEP Exam	Min.	IC Course Equivalent	Credits
General Examinations			

College Composition ¹	50	WRTG 18888	3
Humanities	50	ENGL 18888 and TRAN 18888	6
College Mathematics	50	MATH 18888	3
Natural Science	50	TRAN 18888	6
Social Science and History	50	HIST 28888 and TRAN 18888	6
Subject Examinations			
American Government	50	POLT 18888	3
US History I	50	HIST 11100	3
US History II	50	HIST 11200	3
American Literature	50	ENGL 10500	3
		ENGL 18888	3
Analysis/ Interpretation of Literature ²	50	ENGL 10700	3
		ENGL 18888	3
Calculus	50	MATH 11100	4
		MATH 11200	4
Pre Calculus	50	MATH 11000	3
College Algebra	50	MATH 18888	2
French Language	50	FREN 10100	3
		FREN 10200	3
French Language	62	FREN 10100	3
		FREN 10200	3
		FREN 20100	3
		FREN 20200	3
German Language	50	GERM 10100	3
		GERM 10200	3
German Language	63	GERM 10100	3
		GERM 10200	3
		GERM 20100	3
		GERM 20200	3
Spanish Language	50	SPAN 10100	3
		SPAN 10200	3
Spanish Language	63	SPAN 10100	3
		SPAN 10200	3
		SPAN 20100	3
		SPAN 20200	3
Intro to Educational Psychology	50	EDUC 21010	3
English Literature ²	50	ENGL 10700	3
		ENGL 18888	3

College Composition Modular ¹	50	WRTG 18888	3
Biology	50	BIOL 11500	3
		BIOL 18888	3
Chemistry	50	CHEM 18888	3
Human Growth/ Development	50	PSYC 28888	3
Information Systems	50	COMP 11000	3
Introduction to Business Law	50	GBUS 20300	3
Financial Accounting	50	ACCT 22500	3
Principles of Macroeconomics	50	ECON 12100	3
Principles of Microeconomics	50	ECON 12200	3
Principles of Management	50	MGMT 28888	3
Principles of Marketing	50	MKTG 28888	3
Introductory Psychology	50	PSYC 10300	3
Western Civilization I	50	HIST 10100	3
Western Civilization II	50	HIST 10200	3

¹ Students may receive credit for only one of either College Composition or College Composition Modular.

² Students may receive credit for only one of either Analysis/Interpretation of Literature or English Literature.

International Baccalaureate Policy

The International Baccalaureate (IB) is a nonprofit educational foundation based in Switzerland that works with secondary schools throughout the world on programs for students between the ages of 16 and 19 years. Designed as a comprehensive, two-year curriculum that allows its graduates to fulfill requirements of various national education systems, the diploma model is not based on the pattern of any single country but incorporates the best elements of many. Beyond intellectual rigor and high academic standards, strong emphasis is placed on the ideals of international understanding and responsible citizenship.

The table of IB equivalents summarizes Ithaca College's policy on interpreting the IB standards. This policy is in effect for students entering Ithaca College in the 2021-2022 academic year and is subject to change at any time. This table reflects credit awarded for higher-level subjects. No credit is awarded for standard-level subjects.

All other IB examinations will be reviewed on an individual basis after the student provides a course description or syllabus. For additional information about Ithaca College's international baccalaureate policies, please contact the Office of the Registrar, Peggy Ryan Williams Center, 607-274-3127.

International Baccalaureate Policy Equivalents

IB Exam	Score	IC Course Equivalent	Credits
Biology (HL)	4, 5	BIOL 11500	3
	6, 7	BIOL 11500 & BIOL 18888	6
Business Management (HL)	4, 5, 6, 7	MGMT 11100	3
Chemistry (HL)	4, 5, 6, 7	CHEM 18888	3
Computer Science (HL)	4, 5, 6, 7	COMP 18888	3
Dance (HL)	4, 5, 6, 7	DNCE 18888	3
Design Technology (HL)	4, 5, 6, 7	TRAN 18888	3
Economics (HL)	4, 5, 6, 7	ECON 12100 and ECON 12200	6
English A or B (HL)	4, 5, 6, 7	ENGL 18888 and WRTG 18888	6
French A (HL)	5, 6, 7	FREN 38888	3
French B (HL)	5, 6	FREN 28888	3
	7	FREN 38888	3
Film (HL)	4, 5, 6, 7	CNPH 18888	3
Geography (HL)	4, 5, 6, 7	ENVS 18888	3
German A (HL)	5, 6, 7	GERM 38888	3
German B (HL)	5, 6	GERM 28888	3
	7	GERM 38888	3
Global Politics (HL)	4, 5, 6, 7	POLT 12900	3
Greek (HL)	5, 6	LNGS 28888	3
	7	LNGS 38888	3
History of Africa & Middle East (HL)	6, 7	HIST 18888	3
History of the Americas (HL)	6, 7	HIST 18888	3
History of Europe (HL)	6, 7	HIST 18888	3
History of Asia and Oceania (HL)	6, 7	HIST 28888	3
Information Technology in a Global Society (HL)	4, 5, 6, 7	COMP 18888	3
Italian A (HL)	5, 6, 7	ITAL 38888	3
Italian B (HL)	5, 6	ITAL 28888	3
	7	ITAL 38888	3
Japanese A (HL)	5, 6, 7	LNGS 38888	3
Japanese B (HL)	5, 6	LNGS 28888	3
	7	LNGS 38888	3
Latin (HL)	5, 6	LATN 28888	3
	7	LATN 38888	3

Mathematics (HL)	4, 5	MATH 18888	8
	6, 7	MATH 11100 and MATH 11200	8
Math: Analysis and Approaches (HL)	4, 5	MATH 18888	8
	6, 7	MATH 11100 and MATH 11200	8
Math: Applications and Interpretation (HL)	4, 5	MATH 18888	8
	6, 7	MATH 11100 and MATH 14400	8
Further Mathematics (HL)	4, 5	MATH 18888	8
	6, 7	MATH 11200 and MATH 27000	8
Music (HL)	4, 5, 6, 7	MUTH 18888	3
Philosophy (HL)	4, 5, 6, 7	PHIL 10100	3
Physics (HL)	4, 5	PHYS 18888	8
	6, 7	PHYS 10100 and PHYS 10200	8
Psychology (HL)	4, 5, 6, 7	PSYC 10300	3
Social & Cultural Anthropology (HL)	4, 5, 6, 7	ANTH 10400	3
Spanish A (HL)	5, 6, 7	SPAN 38888	3
Spanish B (HL)	5, 6	SPAN 28888	3
	7	SPAN 38888	3
Theory of Knowledge	A, B, C	PHIL 18888	2
Theater (HL)	4, 5, 6, 7	THEA 18888	3
Visual Arts (HL)	4, 5, 6, 7	ART 18888	3

Articulation Agreements

Ithaca College has articulation agreements with the following area colleges:

- Binghamton University, Watson School (*for Ithaca College physics students for mechanical or electrical engineering*)
- Cornell University
- Monroe Community College
- Onondaga Community College
- Putnam/Northern Westchester BOCES students to earn college credit for Ithaca College
- Rochester Institute of Technology (*for Ithaca College graduate teacher education program*)
- SUNY Broome Community College
- Tompkins County Community College

Students interested in admission to Ithaca College through an articulation agreement are encouraged to contact the Office of Admission during the first year of their associate's degree programs for articulation

to baccalaureate programs at Ithaca College, or during their sophomore year for articulation to graduate programs.

For more information and/or copies of the agreements, please visit the Office of the Registrar website (<https://www.ithaca.edu/academics/registrar/>).

Proof of High School Graduation

Ithaca College follows the New York State Education Department (NYSED) regulations that guide the admission of all students, including homeschooled students, when reviewing applicants for admission. Proof of high school graduation or the equivalent is required of all incoming students before online course registration for the students' second semester. Ithaca College requires only one of the following:

1. A final, official transcript from a regionally accredited high school¹ indicating the date on which the student was awarded a diploma; *or*
2. Proof of having taken and successfully passed the examination for the high school equivalency diploma in the form of the examination transcript showing the actual test results; *or*
3. A letter of substantial equivalency from the Superintendent of Schools or comparable chief school administrator certifying that the student is completing a home instruction program that is substantially equivalent to a four-year high school program and submission of a valid and in effect individualized home instruction plan (IHIP) that authorizes full-time study; *or*
4. Proof that the student has completed and passed all requirements for the following five New York State Regents examinations: the Regents Comprehensive Examination in English, the Regents examination in mathematics, the Regents examination in United States history and government, a Regents examination in science, and the Regents examination in global history and geography; a passing score of 65 or, where applicable, a score of 55-64 as determined by the school district of residence (this option available only to students who are residents of New York State); *or*
5. Completion of 24.0 semester hours as a recognized candidate for a college-level degree or certificate distributed as follows: 6.0 semester hours in English language arts, including writing, speaking, and reading (literature); 3.0 semester hours in mathematics; 3.0 semester hours in natural sciences; 3.0 semester hours in social sciences; 3.0 semester hours in humanities; and 6.0 semester hours in any other courses that are part of a registered degree or certificate program at a regionally accredited institution of higher education¹; *or*
6. Possession of a previous college degree from a regionally accredited college or university¹ in the form of an official transcript that shows the degree and date on which it was granted; for a student who completed a degree in another country, the college will confirm that the study was at the postsecondary level and that the institution is recognized by the country's Ministry of Education or equivalent.

¹ The six regional accrediting agencies are: the Middle States Association of Colleges and Schools; the New England Association of Colleges and Schools; the North Central Association of Schools and Colleges; the Northwest Association of Schools, Colleges, and Universities; the Southern Association of Colleges and Schools; and the Western Association of Schools and Colleges.

Office of Access, Opportunity & Achievement

The New York State Arthur O. Eve Higher Education Opportunity Program (HEOP) is a partnership between the New York State Education Department and Ithaca College, which provides access to and support in college studies for selected students whose prior academic experiences do not reflect their true potential. HEOP students meet both academic and financial guidelines set by the New York State Education Department and by the College. Educational costs are met through need-based aid programs consisting of the Ithaca/New York State HEOP grant, New York State Tuition Assistance Program (TAP) and HEOP grants, and federal aid programs such as Pell grants, Supplemental Educational Opportunity Grants (SEOG), Direct loans, and work-study. All entering HEOP first year students attend a five-week pre-first-year academic summer program and orientation. Designed to strengthen learning skills, broaden academic background, and familiarize students with Ithaca College resources, the summer program provides a comprehensive preview of college-level academic work.

During the academic year HEOP students receive academic support from professional staff and faculty in more than a dozen subject areas. Each student is assigned a program counselor to assist with academic issues, financial aid, career planning, and personal concerns. Additionally, tutoring services are provided as needed. Student success seminars and workshops are also offered. These benefits, designed to strengthen academic performance, are available throughout the student's time at Ithaca College.

Students who are New York State residents and who wish to be considered for HEOP should:

1. Complete the Common Application.
2. Complete the Free Application for Federal Student Aid (FAFSA). Indicate that information is to be released to Ithaca College. HEOP-eligible students also must submit a New York State Express TAP Application (ETA). For more information, see "Student Aid."
3. Transfer students may be eligible for HEOP if they matriculated to a NYS opportunity program at their first institution (HEOP, EOP, SEEK or CD). Transfer applicants must submit a program verification form, available in their IC Connect student portal, completed and signed by their opportunity program director. Spots are limited and verifying eligibility does not guarantee admission.

Some HEOP participants may also benefit from participation in the Careers in Science, Technology, Engineering and Mathematics (C-STEM) program. C-STEM provides academic enrichment and career-oriented experiences for students who want to pursue careers in science, mathematics, technology, and health-related fields, or in licensed professions such as law and accounting. CSTEM students participate in internships, conduct research, and work with faculty or professional mentors to learn more about their areas of interest. Eligibility for C-STEM depends on a number of factors to include, as examples, New York State residency, ethnicity, and family income levels.

More information on HEOP and the CSTEM program can be found on the Office of Access, Opportunity & Achievement website (<https://www.ithaca.edu/office-access-opportunity-achievement/>).

Office of Access, Opportunity & Achievement Staff:

- Lynn Cortese, M.S.W., *Director*
- Tiffany Valentin, M.P.H., *Assistant Director*
- Sihaya Moraleda, M.S., *Counselor*
- Denise Polanco, M.Ed., *Counselor*
- John Yao, M.MUS., *Administrative Assistant*

Transfer Students

Students are encouraged to explore transfer options at Ithaca College. A transfer student is defined by Ithaca College as a student who has received a high school diploma (or its equivalent) and subsequently earned nine or more college credits, or enrolled full time at another college or university.

Transfer applicants may apply for either fall or spring admission to the College. Details about specific deadlines and information on how to apply can be found on the Ithaca College admission website (<https://www.ithaca.edu/admission/undergraduate-admission/transfer-students/>).

Transfer applicants are reviewed based on all their college work and on their high school academic record. Transfer applicants are required to submit the following items to the Office of Admission:

- completed online Common Application
- official high school transcripts
- official college or university transcripts
- letter of recommendation or academic evaluation
- application fee
- SAT or ACT scores (optional)

Auditions, portfolio reviews, or interviews are also required for certain programs. For specific academic information, consult the transfer student sections at the beginning of each school section in this catalog.

Credit evaluations follow every acceptance letter from Ithaca College. Credit is granted for most college-level courses with a grade of C- or higher.

A transfer orientation program will provide academic advising and assistance in acclimating to the Ithaca College community for incoming transfer students. Details about this program are available on the New Student & Transition Programs website (<https://www.ithaca.edu/new-student-transition-programs/>).

Transfer students are strongly encouraged engage with the Ithaca College community. Virtual and on-campus visit opportunities are available on most weekdays and select Saturdays while the college is in session as well as throughout the summer. During the COVID-19 pandemic, campus visit opportunities are limited and subject to cancellation. See [ithaca.edu/visit](https://www.ithaca.edu/visit/) (<https://www.ithaca.edu/visit/>) for additional information.

Contact the Office of Admission at admission@ithaca.edu or (607) 274-3124 if you have any questions.

Transfer Students and the Integrative Core Curriculum

To fulfill the requirements of the Integrative Core Curriculum (ICC), transfer students matriculating at Ithaca College complete a transfer student seminar (ICSM 19000) in their first semester of enrollment. The transfer seminar is a (1 credit hour) course designed to introduce students to the ICC and to determine each student's plan for completing the ICC. During the seminar, the students are introduced to the electronic learning portfolio, complete an initial reflective artifact analogous to that completed by first year students in the Ithaca Seminar, and develop a plan for completing any remaining requirements of the ICC. The seminar also addresses the value of a liberal arts education and introduces students to the Ithaca College community.

During the transfer student seminar, students who completed ICC requirements in their college course work before coming to Ithaca College will begin to develop reflective artifacts addressing how their prior course work helped them to achieve the student learning outcomes for those requirements. For ICC requirements not fulfilled in prior course work, students will, in conjunction with their instructor, create a plan for completing Ithaca College course work that achieves those outcomes; this plan will be completed by the end of the seminar (the end of the student's first semester enrolled at Ithaca College). Transfer students will automatically be enrolled in the Liberal Arts and Society theme, which is open only to transfer students. All transfer students will complete a designated ICC Capstone course and meet the eportfolio requirement.

Students who have completed an Associate of Arts, Associate of Science, or bachelor's degree at a regionally accredited college or university before transferring to Ithaca College will be required to complete only the transfer seminar, electronic learning portfolio, and ICC Capstone requirements to complete the ICC. Such students must complete all requirements for their major program(s). An Associate of Applied Science (AAS) degree is not equivalent to an AA or AS degree. Students entering with an AAS degree may use some of their prior course work for ICC requirements.

Information about our transfer admission process are provided on our website and are available from the Office of Admission.

Office of Admission website

International Students

Ithaca College encourages international students to apply and values the cultural diversity they bring to the campus community. The Office of International Programs (<http://www.ithaca.edu/oip/>) provides cultural adjustment counseling, orientation to the United States, immigration and visa assistance, and other support services.

Applicants whose native language is not English are required to submit official results of a test of English proficiency. Recommended minimum scores:

- Test of English as a Foreign Language (TOEFL): Recommended score of 80 or higher on the Internet-based TOEFL (iBT).
- International English Language Testing System (IELTS): Recommended score of 6.0 or higher.
- Pearson Test of English Academic (PTE Academic): Recommended score of 54 or higher.
- Duolingo English Test: Recommended score of 105 or higher.

Applicants who have previously attended a high school, college or university for at least three years, where English is the principal language of instruction and have earned passing grades in English courses are exempt from an English proficiency exam.

Information about the application process and admission requirements for international students can be found on the Undergraduate Admission website (<https://www.ithaca.edu/admission/undergraduate-admission/international-applicants/>).

International Programs

Rachel Gould, *Director of Study Abroad*

The Office of International Programs

The Office of International Programs encourages students to enhance their undergraduate program with a summer, semester, or year of international study experience. Our staff members can assist students in selecting study programs that fulfill their academic needs as well as their personal interests. With careful planning, students in any major can study abroad.

In addition to sponsoring student exchanges with international universities, Ithaca College administers its own program in London. The Ithaca College London Center offers a variety of courses and internships. The College continues to develop new opportunities for students to study abroad, including winter & summer faculty-led programs.

Through Ithaca College affiliate arrangements with a number of other institutions of higher learning and with study abroad program providers, students may study various disciplines in many countries around the globe. The Program Search (<https://ithaca-sa.terradata.com/?FuseAction=Programs.SimpleSearch>) function found on the Office of International Programs website can be used to search both College-sponsored and affiliated study abroad options. Note that the list of affiliates is subject to review. Affiliated options may be changed without notice.

With the permission of Ithaca College, students may also elect to study abroad with non-affiliated programs sponsored by other accredited U.S. colleges or international institutions.

Students planning to study abroad, whether through an Ithaca College program, an affiliated program, or a non-affiliated program, must have the approval of the Office of International Programs. A minimum cumulative GPA of 2.50 is required for general approval to study abroad, however, many programs have a GPA requirement of 3.00 or higher.

Study in an Affiliated Program

Students enrolled in affiliated programs are guaranteed academic credit for their study abroad programs, but study abroad course approval forms are required to ensure that the credit is applicable to their degree program. If course approval forms are not submitted for review and approval, only non-designated elective credits will be approved. Grades received are calculated into students' grade point average, and students are eligible to register in advance for the semester they return from study abroad.

Students who withdraw from an affiliated study abroad program must be attentive to the affiliated program's refund deadlines, as there may be serious financial implications involved in withdrawing from a program near or after the start date of that program. Students are responsible for

informing both the affiliate organization and the Office of International Programs should they withdraw from a planned study abroad program.

Students who attend programs recognized by the College as affiliated study abroad programs are subject to the following refund policy:

- If a student withdraws from the program after committing to participate, refund determinations will be based solely on the policies assessed by the affiliated program, which are hereby incorporated by the College. The students will also be responsible for paying any remaining fees, charges, or withdrawal penalties assessed by the affiliated organization.

Students applying to an affiliated program should not take a leave of absence. Students participating in affiliated study abroad programs will be required to pay the Ithaca College tuition charge. In the event that the affiliate program tuition charge is greater than Ithaca College tuition, students will be billed by Ithaca College for the additional amount. Students will also be billed by Ithaca College for international health insurance. Students will remit payment directly to Ithaca College for tuition and international health insurance. Ithaca College reimburses the affiliate program for these charges after payments and financial aid have been applied to the students' Ithaca College accounts. Students will be billed separately by the affiliated program for room and board, in addition to others program-related costs, including but not limited to: housing upgrades, field trips, books and course materials, additional course fees, and visa processing services. Students studying full-time with affiliate programs may be eligible for Ithaca College financial aid. They may also be eligible for federal and state financial aid programs.

Study in a Non-affiliated Program

Non-affiliated programs are study abroad experiences run by universities or organizations with which Ithaca College has no formal agreement. Students may participate in any non-affiliated study abroad program that is appropriately accredited. The Office of International Programs will assist students in ascertaining appropriate accreditation, and will provide support and guidance to students planning a non-affiliated study abroad experience.

Students enrolled in non-affiliated programs are not guaranteed academic credit for their study abroad unless study abroad course approval forms have been submitted in advance for the courses they take. Ithaca College will grant transfer credit only for grades of C- or better, but grades are not calculated into the students' Ithaca College grade point average. Students are eligible to register in advance for the semester after they return from study abroad, provided they have taken an approved leave of absence. Students on an approved leave of absence must pay a \$415 administrative fee to the College for a semester abroad, or a \$200 administrative fee for a summer or winter program. Students studying with such a program are not eligible for Ithaca College financial aid. Federal funds, however, may be applicable to participation in nonaffiliated programs that are run by Title IV-eligible institutions. Students with financial need should inquire directly to the program of interest about available scholarships and consult with the Office of Student Financial Services.

Students who wish to apply federal funds toward the cost of participation in a Title IV-eligible nonaffiliated program should submit bills for tuition and fees from the nonaffiliated program to Ithaca College's Office of Student Financial Services. Payment should then be made to Ithaca College for the full amount due, less any federal funds already posted to the student's account. Ithaca College will then pay the nonaffiliated

program. Students who do not receive federal funds should make payment directly to the nonaffiliated program.

Application Procedures for Study Abroad

1. Meet with an academic adviser to discuss the target semester for study abroad, as well as which academic requirements will need to be satisfied during the study abroad semester.
2. Consult a study abroad adviser in the Office of International Programs to learn more about study abroad program options. The study abroad adviser will explain application procedures and next steps.
3. Discuss selected program with an academic adviser to review the program's course offerings and select appropriate classes. Upcoming seniors should also obtain and complete a graduation worksheet in conjunction with the academic adviser.
4. Apply to the chosen study abroad program.
5. Once accepted to the program, schedule a post-acceptance appointment with a study abroad adviser in the Office of International Programs to go over Ithaca College post-acceptance requirements.
6. The Office of International Programs must be notified of plans to study in an affiliated or non-affiliated program by November 1, 2021, for the spring semester, and by April 1, 2022, for the summer/fall semesters.
7. Attend mandatory study abroad orientation sessions. Orientations may be held in person or via remote means, synchronously or asynchronously. Contact the Office of International Programs for more information.

Study at the London Center

The Ithaca College London Center offers an academic study program for sophomores, juniors, and seniors. The London Center's curriculum is designed to take advantage of the social and cultural milieu of London. There is also a specialized program in theater arts for students beyond their first year majoring or minoring in this area.

The London Center is housed in a restored Victorian townhouse in the South Kensington district of the city. Most faculty members are British and convey a perspective that helps students understand British society and develop cross-cultural awareness. Excursions and visits to various institutions, cultural centers, and museums are an integral part of the curriculum, while presentations by guest lecturers bring students into contact with distinguished individuals from a variety of disciplines.

Students carry a full academic load while studying in London and enjoy many opportunities for class-related trips and other educational travel.

Transportation and living costs vary, but London Center students pay regular Ithaca College tuition. Students receive guidance in finding flats in London.

Financial aid arrangements available in Ithaca, including New York State scholarships and rehabilitation grants, are available to students at the London Center. In addition, students may compete for a limited number of small supplemental grants and scholarships. Resident assistant stipends are not available in London, and college work-study positions are limited. Students who wish to do work-study in London must apply for a Student Visa, and pay the visa application fee, approximately \$500, set by the British government.

London Center Study Abroad Program

Participation in the London Center program — whether for a summer, a semester, or a year — is open to sophomore, junior, and senior students

from Ithaca College and other U.S. institutions. A minimum 2.50 cumulative grade point average is required for admission to the London Center, in addition to an academic reference, academic adviser approval, an essay, and judicial review.

The London Center features coursework and internships in a number of fields, including but not limited to English, history, art history, theater, business, communications, economics, music education, politics, and social sciences. See the London Center website (<https://www.ithaca.edu/academics/london-center/academics/>) for updated course listings and descriptions.

British Theater

In cooperation with the Department of Theatre Arts, the Office of International Programs offers an intensive theater program in London. The program is designed to provide students with an understanding and experience of British cultural life — both historical and modern — through the medium of the theater.

All students in the theater program take either a 9-credit or 6-credit core class option that involves classroom lectures and attendance at theatrical performances. In addition, students may take an internship, a performance course, Stage Combat THEA 13700, Shakespeare, or any other course offered at the London Center.

Theatre Program Enrollment Policy

The theater program is designed for juniors and seniors. The theater program is selective, with priority given to theater majors.

Internships

Internships, a special feature of the London Center program, are available in different fields. An internship coordinator, who locates placement opportunities for students, supervises the internship once secured. Students must submit an internship application in addition to the application for admission to the London Center. Interns work at a placement site 16 hours per week for the duration of the semester and earn 3 credits. All internships are unpaid. Students wishing to do an internship will need to apply for and obtain a Student Visa. The Office of International Programs and the London Center will provide guidance to those students requiring a visa.

Study at Ithaca-Sponsored Sites

For an up to date listing of Ithaca College study abroad affiliated programs and exchange partners, please use the Program Search (<https://www.ithaca.edu/academics/study-abroad/>) on the Office of International Programs website.

Financial Aid

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- Financial Aid Eligibility and Renewal (p. 709)
- Application Information (p. 709)
- Duration and Limitations of Awards (p. 709)
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- Other Resources and Information (p. 721)
- Endowed Scholarships and Special Awards (p. 721)

Expenses

Basic Annual Costs 2021-22

All costs are subject to change without notice; these fees are payable in U.S. currency.

The rate listed for the room is based on double occupancy in one of the campus residence halls; rates vary with the type of facility. The College has limited single, suite, and apartment accommodations at higher rates. Triple occupancy rooms are also available at a lower rate.

Additional Costs

Additional costs are involved in the following areas:

Roy H. Park School of Communications

The Park School does not require laboratory fees. However, the increasingly convergent nature of the communications discipline requires that all students have consistent access to a basic set of multimedia tools. All entering students are required to acquire a laptop computer for use in their classroom and production work. Specifications about the required make and model will be provided to students upon admission to the Park School. Students enrolled in certain courses may be required to supply their own equipment or materials, including computer data storage media. In cinema and photography, students are expected to furnish their own light meters and their own cameras for all still photography courses. In addition, students must purchase materials such as photographic film and paper, motion picture film, and mounting board. Because of the large number of production courses, film, photography, and visual arts B.F.A. majors will incur additional costs for materials.

School of Health Sciences and Human Performance

The curriculum of all programs in the school requires between one and five field-based experiences. Any related field experience expenses (housing, transportation, uniforms, etc.) are borne by the students. Students work closely with the fieldwork coordinator within their department to identify and secure placement at a facility that aligns with the profession they plan to pursue. In some instances, students will be able to complete field experiences locally during the regular semester while taking classes. However, many students choose to complete their field experiences outside of the regular semester. Tuition costs for summer and winter intersession coursework are calculated based on the number of credits the student registers at the summer session rate.

Students who are majoring in an allied health field are required to be covered by the Ithaca College professional liability insurance policy. Students will be billed by policy year (September 1 to August 30) for coverage under this policy during the semester(s) they are registered for any type of field experience (the fee is approximately \$15). In addition, certain courses (as indicated in the course descriptions) may also require

students to be covered under this policy. Further information regarding insurance coverage is located within the policies and procedures section for each department.

Additional expenses may be required for the purchase of specialized equipment for specific courses in certain departments, as well as for courses offered through the physical activity, leisure, and safety (PALS) program. General information regarding these requirements is contained within the individual course description and is discussed by the instructor on the first day of class.

School of Music

Private Lesson Fee

Required Lessons: No fees are charged for required lessons that are part of the degree program.

Elective lessons for music majors and minors (undergraduate and graduate, full-time, and part-time): For lessons not part of the degree program, the fee is \$350 per semester. Such lessons are available only to qualified students (as determined by an audition), consist of one-half hour of contact time per week per semester, depending upon available faculty load, and must be approved by the Associate Dean in conjunction with the primary studio teacher and department chair.

Lessons for Non-music majors (undergraduate, full-time, and part-time): A fee of \$175 is charged for lessons. Such lessons are available only to qualified students (as determined by an audition), consist of one-half hour contact time per week per semester, depending upon available faculty load, and must be approved by the Associate Dean and department chair. Lessons are typically with Graduate Assistants unless space is available with a faculty member.

Explanation of Charges

Tuition

Tuition for full-time students is based on a minimum of 12 and a maximum of 18 credits per semester. Students taking fewer than 12 credits will be charged \$1,554 per credit. Those who exceed 18 credits per semester will be charged \$1,554 for each additional credit. Undergraduate students who take graduate credits will be assessed at the undergraduate rate per credit unless they are within the 12-18 credits covered by full-time tuition.

Withdrawing from a course does not remove the responsibility for paying for that course if those credits caused the student to be billed for more than 18 credits. At the end of the add/drop period, students are liable for the credits for which they are enrolled at that time, regardless of a later withdrawal.

Full-time students who officially withdraw, take a leave of absence, or are dismissed from Ithaca College are charged a percentage of total tuition depending on the number of weeks attended. Weeks are counted from the first day of classes in each semester. No refunds are granted until the student completes the College's official withdrawal or leave of absence procedure. See below for the complete refund policy. Any federal aid recipient who takes a leave of absence or withdraws within the ninth week should be aware that a return of federal aid may be required even though full tuition, room, and board charges will be incurred.

All undergraduate students are assumed full-time unless they have submitted a part-time approval form. Students who change from full-time to part-time status must do so by the end of the first week of classes in order to receive an adjustment of tuition charged. No refunds are made to

part-time students after the end of the first week of classes. Application forms for part-time status are available from the registrar.

If a student is called to active military duty during a semester, the College will apply, in full, any tuition paid for that semester to any future semester in which they may return. Room and board refunds will be issued on a pro-rata basis consistent with our current policy.

Based on a 15-week semester, the following refund percentages are applied to the appropriate charges:

1st week	100%
2nd week	85%
3rd week	70%
4th week	60%
5th week	50%
6th week	40%
7th week	30%
8th week	15%
9th week	0%

Students who withdraw from an affiliated study-abroad program must be attentive to refund deadlines, both those of the affiliate and those of Ithaca College, as there may be serious financial implications involved in withdrawing from a program near or after the start date of that program. Students are responsible for informing both the affiliate organization and the Office of International Programs should they withdraw from a planned study-abroad program.

Students who attend programs recognized by the College as affiliated study-abroad programs are subject to the following refund policy:

- A student who withdraws from the program before the actual start date of the program will be refunded based on the policies assessed by the affiliate organization. The student will be responsible for paying any remaining fees, charges, or withdrawal penalties assessed by the affiliate organization.
- A student who withdraws after the start of the program will be subject to the Ithaca College refund policies outlined above.

Any recipients of Title IV financial aid (i.e., federal aid through subsidized or unsubsidized Direct loans; PLUS, Pell, SEOG, or work-study) or institutional, state, or private grants or scholarships should refer to the "Title IV Refund Procedure" catalog website (p. 720).

Board

All students residing in College housing facilities, with the exception of those in apartments, must participate in the College residential meal plan. Upon official withdrawal or dismissal, a refund is given on board charges in accordance with the schedule above. Student teachers may make arrangements for a proportional reduction in charges to cover the periods they will be off campus.

Health Center Expenses

The Ithaca College student health center is a full-service health center that provides direct medical care and patient education to the Ithaca College student community. Services include examination and treatment for illness or injury, primary medical care for both acute and chronic illnesses, on-site laboratory testing, on-site x-rays, a medication dispensary, immunizations, and advice or information on general medical conditions. All enrolled and matriculated students are eligible for medical care at Hammond Health Center, regardless of their insurance. Most

Health Center services done on-site are provided to students with no additional charges. Charges will be assessed for immunizations administered at the health center, over-the-counter medications purchased from the health center dispensary, prescription medications delivered from an off-campus pharmacy, laboratory testing sent to an off-campus reference lab, and for taxi rides to or from off-campus medical appointments.

Student Injury and Sickness Insurance Plan

All Ithaca College students are required to have health insurance. Ithaca College makes a comprehensive student health insurance plan available to all students at a very competitive annual rate. Students are required to submit a waiver annually if they do not elect to enroll in the College-sponsored student health insurance plan. Upon waiver submission, students will be required to demonstrate proof of comparable insurance coverage. Waivers must be submitted online at the University Health Plans website (<https://www.universityhealthplans.com/>) by the date listed on the Hammond Health Center website (<https://www.ithaca.edu/sacl/healthcenter/studentinsurance/>).

Personal Property

The College does not carry insurance on students' personal belongings or student-registered motor vehicles and is not responsible for loss or damage from any cause. Students are advised to check their family's homeowner's insurance and motor vehicle insurance policies. If the policies do not cover belongings at college, the student may wish to secure optional personal property insurance offered to all matriculating students. A brochure detailing coverages and costs is mailed to students every year. Students may leave their possessions in their rooms over vacations during the regular academic year but not over the summer months.

Special Fees

Other Common Undergraduate Charges

Application fee (nonrefundable) — \$60

Late payment fee (nonrefundable) — \$200

Accounts not paid in full on or before August 10 for the fall semester and January 10 for the spring semester will be assessed a late payment fee each month that a balance remains outstanding.

STUDENT PARKING INFORMATION

- First-Year Student Permit (<https://www.ithaca.edu/public-safety-and-emergency-management/parking-services/student-parking/first-year-student-parking/>)
- Upper-Years Student Parking (Red Permit) (<https://www.ithaca.edu/public-safety-and-emergency-management/parking-services/student-parking/upper-years-student-parking/>)

The cost of books and supplies varies greatly, depending on specific course requirements and whether new or used texts are purchased. The average cost is \$500 per semester.

General Regulations (Expenses)

1. All rates are subject to change without notice.
2. All regular charges are billed on a semester basis. Students will not be allowed to register or be admitted to classes until satisfactory payment has been made.

3. Student accounts must be settled before leaving the College. Transcripts will be withheld from students whose accounts are in arrears for any reason, including nonpayment of tuition and fees, fines, or medical charges. In the event that it is necessary to refer an overdue account for collection, the student and parents shall be obligated additionally to pay all interest, collection, disbursement, and attorney fees.
4. All bills are payable in United States currency.

Financial Aid Eligibility and Renewal

Ithaca College participates in a wide variety of aid programs designed to meet the needs of most students. These include federal, state, and our own institutional aid programs. Additional information may be found on the Student Financial Services website. Please feel free to contact the Office of Student Financial Services by phone at 607-274-3131, by fax at 607-274-1895, or by e-mail at sfs@ithaca.edu. More information can be found on the Student Financial Services website (<https://www.ithaca.edu/finaid/>).

All applicants for admission to Ithaca College and all continuing students are eligible to apply for financial aid in the form of scholarships, grants, work, and loans. Ithaca College institutional aid programs consist of merit-based, merit within need, and need-based-only programs.

Ithaca College offers a significant number of Ithaca College Scholarships, as well as other named scholarships unique to our various schools, which are awarded to students of exceptional academic ability regardless of financial need. These awards are determined at the time a student is accepted for admission to the College.

- Ithaca Grants are awarded to students based on demonstrated need for financial aid, using a combination of federal and institutional assessments.
- Endowed scholarships and special awards are based on the criteria established by the donor and institutional policy. They are primarily awarded to students who have attended the College for at least one semester. Unless otherwise noted, all require demonstrated financial need and full time enrollment.

Application Information

All students (incoming and continuing) who wish to be considered for federal assistance must submit the Free Application for Federal Student Aid (FAFSA) to the appropriate agency. Additional applications may be required for state programs. Students should check with their state education department or local high school or college for application information.

The following college codes are used in the completion of certain applications to assure that Ithaca College receives the information. Refer to individual applications for instructions on where to indicate these codes.

FAFSA	002739
New York State Tuition Assistance Program (TAP)	0330

The priority filing date of the FAFSA for incoming students is January 15 of the year in which financial aid is desired. Incoming students seeking admission as an Early Decision applicant must file the FAFSA application by November 1 of the year prior in which financial aid is desired. For continuing students, the priority filing date for the FAFSA is March 1

of the year in which financial aid is desired. Learn more on the Ithaca College Financial Aid website (<http://www.ithaca.edu/finaid/>).

The FAFSA application is generally available in early October of the year before a student wishes to receive aid.

FAFSA website

Applications of incoming and continuing students who apply after these dates will be reviewed but cannot be guaranteed full consideration for all aid programs.

It is the student's responsibility to complete any application for aid for which they are determined to be eligible, unless the student wishes to decline the aid source being offered.

Duration and Limitations of Awards

Aid is Awarded for One Year

All forms of financial aid — scholarships, grants, jobs, and loans — are committed for the period of one academic year only and must be reapplied for annually. Exceptions are the Ithaca College Scholarship recognition awards and Martin Luther King Jr. (MLK), which are based on merit or a combination of merit and talent and may require a one-time application or be awarded without application. The Ithaca Sibling and Ithaca Heritage Grants do not require an application.

Aid Goes With You if You Transfer Within the College

Ithaca College need-based scholarships and grants remain with the student regardless of transfer from school to school within the College, as long as they continue to demonstrate financial need, maintains full-time status, and meets the College's standards for good standing and satisfactory progress for state and federal programs.

Aid is Renewed as Long as You're Progressing

All the awards listed above are renewed annually (provided reapplication, if required, occurs) until a student completes the bachelor's degree program, as long as they maintain full-time status and meets the College's standards for good standing and satisfactory progress. A student must enroll in at least 12 credits per semester to be considered to be making satisfactory academic progress for the purpose of the merit-based programs. The same rules apply to the MLK Scholarship, except that the CGPA requirement is a 3.30. Please refer to specific awards for more information. The Ithaca Sibling Grant, Ithaca Heritage Grant and the Flora Brown Award do not have a CGPA requirement for renewal.

Aid Stops if You Withdraw From the College

A student automatically forfeits financial aid when they withdraw, are suspended, or are dismissed from any program at Ithaca College. Ithaca awards are not renewed if a student withdraws from the College or returns to the College without an approved leave of absence. A student who does not enroll full-time or drops to part-time status loses their merit-based award for that semester. Students taking a leave of absence must contact the Office of Student Financial Services before leaving school.

Students returning from a leave of absence must reapply for financial aid under the usual guidelines for each program.

Special TAP Standards

There are special New York State standards for students receiving Tuition Assistance Program (TAP) and other special awards. Further details can be found in the "Financial Aid Basics" section of the Ithaca College Tuition & Financial Aid website (<https://www.ithaca.edu/tuition-financial-aid/financial-aid-basics/>). Financial aid recipients must notify the Office of Student Financial Services of changes to part-time status, internal transfers to other schools, and any changes of major.

Aid is Adjusted as Need Changes

Should a student's financial need increase, their financial aid may be increased; should a student's need decrease, need-based financial aid may be decreased. Need-based scholarships and grants are not renewed if a student fails to meet the prescribed deadlines or if funds become unavailable for any reason.

Time Limit for Aid

Financial aid is usually terminated after eight semesters unless the course of study normally requires additional semesters. Financial aid for transfer students is terminated at the completion of the number of semesters the student's dean designates for degree completion when the student enters the College. Exceptions to these time limitations must receive the approval of the student's academic dean and the Office of Student Financial Services. A student retains financial aid as long as they meet the standards prescribed for satisfactory progress in their studies for each specific program from which the student receives funds.

Report All Awards

Recipients of financial aid are required to report all financial aid awards received from outside organizations and agencies immediately on receiving such assistance. Resources that have been granted by organizations or individuals outside of Ithaca College can be reported to the Office of Student Financial Services using the 'Outside Resources Form' (<https://www.ithaca.edu/tuition-financial-aid/forms/>). Ithaca College reserves the right to change financial aid awards when students receive additional awards from any source. Award packages normally include estimates of anticipated Pell grant and state scholarship awards. In the event that the actual award is larger than estimated, Ithaca College awards may be reduced. Should actual awards be less than estimated, an increase in Ithaca College awards may be considered if funds are available. Students can also review their financial and billing information on HomerConnect (<https://homerconnect.ithaca.edu/>).

Academic Status

Academic status decisions, such as academic warning and suspension, are made independently of a student's financial aid status (see "Academic Standards"). Thus, standards of eligibility for financial aid may be more strict than standards of eligibility to remain at the institution. Students should check their school and department listings for academic status policies.

Academic Standards (p. 724)

Academic Standing and Progress (p. 712)

Summer School Assistance

Institutional assistance for summer school is very limited. The summer school application deadline is April 1 of the year the student wishes to be considered for aid. Notifications are made by May 15.

An Ithaca College summer school aid application, available online or in the Office of Student Financial Services, is required in addition to filing the FAFSA. Physical and Occupational Therapy students attending the pre-senior year summer program and Physical Therapy students progressing normally within their program are exempt from this process.

Generally speaking, you must be enrolled for at least six credits (undergraduates) or five credits (graduates) in order to be considered for financial aid, although some forms of aid for undergraduates require fewer credits. Graduate students taking fewer than five credits are not eligible for summer aid.

It is the responsibility of the student, if awarded financial aid, to provide the forms required in order to receive the aid you have been awarded. If you register for less than the number of credits you estimate on this form, we reserve the right to reduce or eliminate any aid offered. It is the responsibility of the student to notify us in writing of any decrease in the number of credits you plan to take prior to summer school registration.

Student Self-Help Student Contribution

All students who receive financial aid are expected to find summer employment while enrolled at Ithaca College and to use a portion of those earnings toward upcoming educational expenses. A minimum self-help contribution of \$2,000 from summer earnings is required for institutional need-based aid, regardless of the federally calculated student contribution. HEOP students attending the summer pre-freshman program are exempt from this requirement. Any student who intends to travel or attend summer school must advise the Office of Student Financial Services in advance and receive a written waiver of the summer employment requirement in order to be exempt from consideration of summer earnings as a portion of available funds.

Aid Allocations

Allocations for financial assistance through employment programs are not guarantees of jobs. This allocation represents the amount a student is eligible to earn once they find a campus job. Students may not work at on-campus or federal work-study (FWS) community service positions more than 20 hours per week while classes are in session. For specific employment opportunities, see the Office of Student Employment website (<http://www.ithaca.edu/hr/studentemployment/>).

Loans

Federal Direct Student Loans are liabilities incurred by the student and must be repaid. Repayment schedules, which include interest, begin six months after graduation or withdrawal from school, depending on the type of loan.

International Students

Financial aid for noncitizens is limited to institutional aid sources, including merit-based awards, need-based grants, endowed and special

awards, and campus employment. ALANA Scholarships, MLK awards, and Ithaca Opportunity Grants are not available to international students.

International students applying for need-based assistance for the first time must complete a CSS Profile on the CSS Financial Aid Profile website (<https://student.collegeboard.org/css-financial-aid-profile/>).

International students are not eligible for federal, state, or educational opportunity programs, unless they are U.S. citizens or permanent residents; possess a valid alien registration receipt card; have an arrival-departure record (I-94) from the Department of Homeland Security showing a status of refugee, asylum granted, parole (I-94 confirms parole for a minimum of one year and that status has not expired), or Cuban-Haitian entrant; possess a valid temporary resident card (I-688); or have a conditional permanent resident card (I-151C).

Financial Aid Disbursement, Payment of Bills

Financial aid is credited to a student's account in equal amounts for each semester. Under special circumstances, a student may request permission to use financial aid for summer school attendance. It is a student's responsibility to see that bills are paid in full by each semester's due date: mid-August for the fall semester and mid-January for the spring semester. Bills not paid in full by those dates will be assessed a \$200 late fee each month that a balance remains outstanding. Students expecting to use Federal Direct Loans for payment of their bills must demonstrate loan approval to the Office of Student Financial Services before July 15 for fall semester payments and before November 15 for spring semester payments. Anticipated earnings from a student's employment may not be used as payment on the student's account. All federal (except federal work-study), state, and institutional aid (excluding employment programs) are credited to a student's account after the add/drop period of the semester for which the funds are intended, providing the student meets all requirements.

Students applying for financial aid will not be discriminated against on the basis of age, disability, marital status, national origin, race, color, religion, sex, sexual orientation, gender identity or expression, or military status.

Student Fee Appeal

Student Fee Appeal Committee will review student requests for exceptions to current Ithaca College fee policies that would result in adjustment to fees assessed.

Process

The Student Fee Appeal form (<https://www.ithaca.edu/tuition-financial-aid/forms/>) is for incurred fees only. Students wishing to appeal an academic issue please follow the Students' Right to Petition as outlined in the college catalog. There may be instances for which students need to complete the academic appeals process before engaging with the fee appeal process. An appeal for refund of tuition and fees requires that the student be officially withdrawn from the course (or courses) prior to being reviewed by the Fee Appeals Committee. Committee decisions are final and there is no other avenue for appeal.

- Students submit appeal form (found on the SFS forms website (<https://www.ithaca.edu/tuition-financial-aid/forms/>)) to explain appeal request. A dropdown list of possible appeal options will be given.

- While not required, students are strongly encouraged to provide documentation to support their request.
- Committee meets to review appeal and make decision.
- Each committee member gets one vote.
- At least 5 committee members must be present to review appeals, any department with an appeal on the schedule must be present.
- Students e-mailed appeal decision and details for any next steps.

The Financial Aid section of the Ithaca College catalog (p. 706) explains policies and deadlines related to when students are eligible to have fees for tuition, housing, meal plans and/or other fees adjusted or refunded. These policies have been developed to ensure equitable processes for all students.

Students may use the Student Fee Appeal process if they experience exceptional circumstances and would like to request an exception to the Ithaca College fee policies. The student will receive notification of the Student Fee Appeal committee's decision via their Ithaca College email after the student's fee appeal form and supporting documentation are reviewed.

A reminder: submitting the Student Fee Appeal form does not guarantee approval.

The Student Fee Appeal form is for incurred fees only; you may not appeal fees that have not yet been assessed to your student bill. An appeal for refund of tuition and fees requires that you be officially withdrawn from the course(s) prior to submitting this appeal. Committee decisions are final and there is no other avenue for appeal.

Deadlines, Extenuating Circumstances, and Submission Notes

Deadline to submit an appeal is 6 months after the end of the semester to which the appeal pertains. Requests after the deadline will not be considered.

Extenuating Circumstances

May Include:

- medical issues;
- travel restrictions;
- call or enlisted in active-duty military service; or
- death of immediate family member; administrative/college error.

May Not Include:

- insufficient financial aid or financial hardship;
- not being aware of due dates and deadlines;
- withdraw to avoid low grade or dissatisfaction with course; or
- withdraw that conflicts with school/work/life balance.

Submission Notes

- If you wish to appeal an academic issue, please follow the Students' Right to Petition (p. 724) as outlined in the college catalog.
- Submission of appeal does not extend the due date for any outstanding charges while awaiting decision.
- If you are a financial aid recipient, tuition refunds will be returned to your financial aid awards before any refund to you can be made.
- Submission of appeal does not guarantee approval.

Advances of Anticipated Aid

The College recognizes that a student may be receiving several different types of financial aid and that these resources typically do not arrive at the College at the same time. A student may need anticipated aid that exceeds their charges to help meet other educational expenses such as books and supplies, rent, or utilities. When a student has met the obligations of filing for financial aid in a timely fashion and has provided all the required documents and forms to receive aid for which they are eligible, the College provides an opportunity for a small advance against anticipated financial aid once the semester has begun. This is not a loan, and no interest is charged for this service. Students have the ability to request refunds online through the student information system, HomerConnect (<https://apps.ithaca.edu/>). Additional information on refund eligibility and the process can be found under 'Request a Refund (<https://www.ithaca.edu/tuition-financial-aid/how-to/request-refund/>)' on the Office of Student Financial Service website.

Academic Standing and Progress

Academic Standing and Progress

Students must meet certain standards of Satisfactory Academic Progress (SAP) to maintain eligibility for federal and institutional aid.¹ The College is required to measure students' progress using a qualitative standard (GPA) and a quantitative standard (progress toward a degree). Additionally, students must complete all degree requirements within 150% of the timeframe that the College has determined it should take to earn that degree (measured in credit hours). Recipients of federal student aid and/or institutional funding are expected to make reasonable progress toward their degree as a condition of receiving and continuing to receive that aid.

Program Pursuit (quantitative standard)

To remain in good academic standing for federal and institutional aid, an Ithaca College undergraduate student must successfully complete 67% of all credit hours attempted. Classes in which the student earns grades of F, W, I or U are not considered successfully completed. Transfer credits accepted by Ithaca College are included in this calculation. A student's program pursuit progress is reviewed at the end of each spring semester.

GPA Requirements (qualitative standard)

To remain in good academic standing for federal and institutional aid, Ithaca College undergraduate students with attempted credits between .50 and 29.50 must have earned a cumulative grade point average of at least 1.8. and a cumulative grade point average of 2.0 is required for students whose attempted credits are 30 and great. Ithaca College reviews cumulative grade point average at the end of the spring semester each academic year.

A student who fails to meet the above requirements will be ineligible for federal and institutional financial aid until the appropriate standards are achieved. The student may request a one-time waiver of these eligibility requirements if they were unable to meet them due to an extenuating circumstance or personal hardship.

The following are examples of hardship and/or circumstances that may be deemed appropriate for a waiver request:

- Injury or illness of the student;

- Injury, illness, or death of an immediate family member or other family difficulties;

- Fire, flood or other catastrophic events;

- Other circumstances beyond your control that occurred during the term in which the student was not able to meet academic progress requirements.

To request a waiver of these eligibility requirements, the student may submit a Satisfactory Academic Progress Waiver Request form to the Office of Student Financial Services. The information submitted should include the following:

1. The reason why the student was not able to meet the minimum academic requirements.
2. Documentation of any unique circumstance that may have contributed to the student's inability to meet the standards.
3. An explanation of what has changed in the student's situation that will allow them to demonstrate satisfactory academic progress at the next evaluation.
4. A plan for meeting the standards in a reasonable time frame. This plan should include an academic plan that the student creates with an academic advisor.

Waiver requests are reviewed by the Satisfactory Academic Progress Committee and the student is notified of the outcome via email or postal mail. If granted a one-time waiver, a student's federal and institutional aid may be reinstated for a period of one or two semesters. At the end of the waiver period, the student must be meeting the minimum SAP requirements. If the student is not meeting the minimum standards, they are ineligible for federal and institutional aid until they are meeting minimum SAP requirements. All decisions made by the Satisfactory Academic Progress Committee are final and cannot be appealed.

Students who are denied a waiver will be ineligible for federal and institutional aid until they are once again meeting the College's Satisfactory Academic Progress standards or until they can be approved for a waiver.

Students who do not apply for a waiver will be ineligible for federal and institutional aid until they are once again meeting the College's Satisfactory Academic Progress standards.

¹ Merit scholarships may have different academic progress requirements from other institutional funding.

Commissioner's Guidelines for determining Good Academic Standing for NYS awards

Program: Baccalaureate Program

A student must accrue, or earn, a specific number of credits and a minimum cumulative GPA in order to be Certified for the following payments:

More information regarding the Satisfactory Academic Progress guidelines for NYS can be found here: Satisfactory Academic Progress for NYS awards (<https://www.hesc.ny.gov/partner-access/financial-aid-professionals/programs-policies-and-procedures-guide-to-grants-and-scholarship-programs/appendix-c-commissioner-s-guidelines-on-good-academic-standing-c-average-requirement-questions-and-answers.html>).

Ithaca College Programs

All recipients of need-based financial aid must demonstrate eligibility as determined by institutional policy. For the purpose of Ithaca College's need-based programs, the calculation of financial need will not include parents attending college or other family members attending graduate school. In awarding institutional need-based grants or scholarships, Ithaca College uses the New York State Tuition Assistance Program (TAP) definition to determine whether a student has independent status. Applicants who have received a prior undergraduate degree will not be considered for institutional need-based financial aid.

Further information about application procedures as well as greater detail on aid sources can be found on the Tuition & Financial Aid website (<https://www.ithaca.edu/tuition-financial-aid/financial-aid-basics/>).

Dana Internship Program

The Dana internship program (<https://www.ithaca.edu/office-provost/students/dana-student-internship-program/>) provides educationally relevant work opportunities for highly qualified students with a CGPA of 3.0 or better and financial need. The Dana student work experience takes place during the academic year and/or over the summer. Students may work during the academic year with faculty on special projects or in the local community at nonprofit organizations. A summer program may also include corporate settings outside the area. Applicants may be current first-year, sophomore, or junior students who demonstrate financial need. An application must be made annually through the Office of the Provost.

Awards range from \$4,950 during the academic year to as much as \$6,800 for full-time summer internships. A portion of the award is paid directly to the student over the course of the summer or academic year, with the remainder applied to the student's College account. Created through a grant from the Charles A. Dana Foundation, this program is intended to help students discover new academic directions while reducing their loan burden.

Ithaca College Scholarships

These scholarships are given to select entering undergraduate students of exceptional academic ability, regardless of their financial need. The awards are in recognition of superior academic achievement with the expectation of continuing pursuit of academic excellence. All incoming undergraduate students are automatically considered for the scholarships; no special application is necessary. Admitted transfer students who are Phi Theta Kappa members are eligible to receive an academic scholarship. A minimum cumulative GPA of 3.5 and a high school diploma are required. Part-time students, second BA/BS degree students, and transfer applicants in the School of Music or Department of Theatre are not eligible for this award.

Scholarship amounts vary depending on the date attendance began.

All scholarships in this group may be renewed annually for the duration of the student's undergraduate study, as long as the student maintains full-time enrollment and satisfactory progress toward a degree. A review of each student's academic performance is conducted by the student financial services office before approval for renewal.

Martin Luther King Jr. (MLK) Scholar Award

First-year undergraduate students can apply for the Martin Luther King Jr. Scholar program. A separate application, from the Office of

Admission, is required. The MLK Scholar Program develops academically talented students from historically underrepresented ethnic and racial backgrounds into future leaders and global citizens. MLK scholars travel to follow the path of civil rights leaders and engage with communities through service.

Award amounts vary, depending on the date enrollment began. MLK scholars may also be eligible for MLK grants based on financial need. The combination of the MLK scholarship and the MLK need-based award cannot exceed tuition. Full-time enrollment is required.

Selected Named Awards

All of the following awards are undergraduate programs only and require full-time enrollment.

Ithaca Leadership Scholarship

Recipients of the Ithaca Leadership Scholarship must possess a demonstrated record of leadership and above-average academic performance. A separate application is required and is available from the Office of Admission. The award is \$7,000 and is renewable contingent upon continued demonstration of leadership and a cumulative GPA of 2.75 at the end of each spring semester. Full-time enrollment is required.

Ithaca Premier Talent Scholarship

This award is for selected new students who are majoring in music and theater — programs where artistic, technological, managerial, or theatrical talent is a criterion for acceptance into the major. The award is renewable annually. Good academic standing and full-time enrollment are required.

Ithaca Sibling Grant

This non-need-based grant is awarded to students who have a concurrently enrolled sibling at Ithaca College. The award amount is \$1,000 per year. Full-time enrollment is required.

Ithaca Heritage Grant

This award is provided to children of Ithaca College alumni. Proof of alumni relationship must be provided to the Office of Student Financial Services upon request. The award amount is \$1,000 per year. Full-time enrollment is required.

Ithaca Grant

This is a need-based grant. Full-time enrollment is required, and students must reapply for the grant each year.

Ithaca Opportunity Grant (IOG)

This program is offered to select students who are academically prepared, meet College admission standards, have considerable financial need, and are of African American, Asian/Pacific Island, Hispanic, or Native American origin. Students receiving IOG funds will also be considered for state, federal, and other funds. These awards are need-based and provide assistance up to the full cost of tuition.

W.G. Egbert Grant and Founder's Grant

These programs provide limited amounts of grant assistance to select students on the basis of high financial need as determined by the College. Full-time enrollment is required, and students must reapply each year.

Ithaca-New York State HEOP Grant

The Ithaca College-New York State Higher Education Opportunity Program (HEOP) provides need-based grants to students who have been accepted to the College under New York State HEOP program guidelines. Students' academic records and family income levels must fit the criteria set by New York State.

Ithaca Employment Opportunities

Eligible students may be employed under one or both of the following programs: federal work-study (FWS) or campus employment. Potential job opportunities may be found on the student employment website. Campus employment is a College-funded program designed to offer employment opportunities to students, but it is not based on financial need. For additional information on FWS, see the "Work Study Programs" section of the student financial services website.

Student Financial Services Website

Federal Work Study Program

Student Employment Website

The amounts awarded through FWS and/or campus employment generally range from \$2,400 to \$3,000. Award offers are not a guarantee of employment. It is the student's responsibility to seek and accept employment and to work sufficient hours to earn the work award offered. Payment is made biweekly, usually via direct deposit.

The potential earnings from a work award will not be credited to a student's account nor considered as an anticipated payment for billing purposes since there is no guarantee that the money will be earned. Money earned through work-study employment may be used at the student's discretion.

New York State Programs

New York State Tuition Assistance Program (TAP)

The Tuition Assistance Program (TAP) provides grant assistance for tuition to eligible New York residents attending approved New York State institutions. Because TAP is a grant, it does not have to be paid back.

NYSHESC determines a student's TAP award amount based upon an award schedule. The amount is scaled according to the type of school, tuition charge, and the student's and family's net NYS taxable income. The award schedule may be changed by subsequent NYS legislative action. All income data reported is subject to verification by the New York State Department of Taxation and Finance and NYSHESC.

Undergraduate award amounts currently range from \$500 to \$5,665 and depend on the family's New York State net taxable income and when the student receives their first TAP payment. Graduate students are not eligible for TAP.

Recipients must be in good academic standing (see "Academic Standing and Progress") in accordance with the commissioner's regulations and must not be in default of a loan guaranteed by NYSHESC.

Apply for TAP on the NYSHESC website (<https://www.tap.hesc.ny.gov/totw/>).

PART-TIME TAP

Part-time TAP helps eligible New York residents attending in-state postsecondary institutions on a part-time basis pay for tuition. Part-time TAP is a grant and does not have to be paid back. Part-time TAP is not the same as Aid for Part-time Study.

To be eligible for Part-time TAP, a student must:

- Be a first-time first-year student in the 2016-17 academic year or thereafter
- Have earned 12 credits or more in each of two consecutive semesters, for a minimum total of 24 credits earned
- Maintain a minimum of a "C" average

Other New York State Programs

Ithaca College New York State Tuition Award

Although Ithaca College does not participate in New York State's Enhanced Tuition Awards program, the Ithaca College New York State Tuition Award demonstrates our commitment to keeping an IC education affordable. Incoming students who are New York State residents with annual family incomes of \$125,000 or less will be offered an annual tuition award of \$6,000 for up to four years (eight semesters). This award is fully funded by Ithaca College, has no post-graduation residency restrictions, and will never become a loan.

Scholarships for Academic Excellence

NYS Scholarships for Academic Excellence provide up to \$1,500 per year for up to five years of undergraduate study in New York State.

This program provides scholarship assistance to outstanding New York State high school graduates. Each year, as many as 8,000 scholarships are awarded - up to 2,000 scholarships of \$1,500 and 6,000 scholarships of \$500 to top scholars from registered New York State high schools. Awards are based on student grades in certain Regents exams. Recipients can also receive other non-loan student aid, but the total cannot exceed the cost of attendance.

To apply, see your high school guidance counselor.

American Airlines Flight 587 Memorial Scholarship

American Airlines Flight 587 Memorial Scholarship provides access to a college education for children, spouses, and financial dependents of individuals who died as a direct result of American Airlines Flight 587's crash in Rockaway, Queens, New York on November 12, 2001.

Receipt of other grants and scholarships may reduce the award. The total of all aid received cannot be greater than the student's cost of attendance determined for federal Title IV student financial aid purposes.

For detailed application and award information, including amounts paid, please visit HESC's American Airlines Flight 587 Memorial Scholarship website (<https://www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid/nys-grants-scholarships-awards/flight-587-memorial-scholarship.html>).

FLIGHT 3407 MEMORIAL SCHOLARSHIPS

Flight 3407 Memorial Scholarships provide financial aid to children, spouses, and financial dependents of individuals killed as a direct result of the crash of Continental Airlines Flight 3407 in Clarence, New York on February 12, 2009. This program will help families who lost loved ones cover the cost of attending college in New York State.

Flight 3407 Memorial Scholarships provide funds to help meet the cost of attending college. The award covers up to four years of full-time undergraduate study (or five years in an approved five-year bachelor's degree program).

For detailed application and award information, please visit HESC's Flight 3407 Memorial Scholarship website (<https://www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid/nys-grants-scholarships-awards/flight-3407-memorial-scholarship.html>).

Foster Youth College Success Initiative

The Foster Youth College Success Initiative (<http://www.nysed.gov/postsecondary-services/foster-youth-college-success-initiative/>) (FYCSI) is a program established specifically for students who have experienced foster care or are eligible orphans. FYCSI funding can be used towards supporting the cost of attending college, including housing and meals.

Eligibility: Any student who is currently a resident of New York State and spent time in foster care at any time after their 13th birthday, or is an orphan, is eligible for funding. Documentation confirming eligibility will be required by your school.

If you believe you meet these criteria and are eligible for FYCSI consideration, please email fosteryouth@nysed.gov with your First Name, Last Name, eligibility criterion (Foster Youth or eligible Orphan), email address and phone number so we can contact you for the additional information that will be needed. Documentation confirming eligibility will be required by your school.

Military Enhanced Recognition Incentive and Tribute Scholarships

The Military Enhanced Recognition Incentive and Tribute (MERIT) Scholarships, also known as Military Service Recognition Scholarship (MSRS), provides financial aid to children, spouses and financial dependents of members of the armed forces of the United States or state-organized militia who, at any time on or after Aug. 2, 1990, while New York State residents, died or were severely and permanently disabled while engaged in hostilities or training for hostilities.

MERIT provides funds to help meet the cost of attending college. The award covers up to four years of full-time undergraduate study (or five years in an approved five-year bachelor's degree program)

For detailed application and award information, please visit HESC's Military Enhanced Recognition Incentive and Tribute MERIT Scholarships website (<https://www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid/nys-grants-scholarships-awards/msrs-scholarship.html>).

NYS Math and Science Teaching Incentive Scholarships

New York State (NYS) Math & Science Teaching Incentive Scholarships are offered to encourage students to pursue careers as secondary math and science teachers (grades 7-12). This program provides awards to students attending school at the undergraduate and/or graduate degree level in exchange for five years of full-time employment as secondary education math or science teachers.

Recipients receive an annual award for full-time study equal to the annual tuition charged to NYS resident students attending an undergraduate program at the State University of New York, or actual tuition charged, whichever is less.

For detailed application and award information, please visit HESC's NYS Math & Science Teaching Incentive Program website (<https://www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid/nys-grants-scholarships-awards/nys-math-and-science-teaching-incentive-scholarships.html>).

www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid/nys-grants-scholarships-awards/nys-math-and-science-teaching-incentive-scholarships.html).

NYS Achievement and Investment in Merit Scholarship (NY-AIMS)

The New York State Achievement and Investment in Merit Scholarship (NY-AIMS) provides high school graduates who excel academically with \$500 in merit-based scholarships to support their cost of attendance at any college or university located in New York State.

For detailed application and award information, please visit HESC's NYS Achievement and Investment in Merit Scholarship (AIMS) (<https://www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid/nys-grants-scholarships-awards/nys-achievement-and-investment-in-merit-scholarship-ny-aims.html>) page.

New York State World Trade Center Memorial Scholarships

The NYS World Trade Center Memorial Scholarship guarantees access to a college education for the families and financial dependents of innocent victims who died or were severely and permanently disabled as a result of September 11, 2001, terrorist attacks on the United States of America - at the World Trade Center, the Pentagon, and on airline flights 11, 77, 93, and 175 - and the resulting rescue and recovery efforts.

Receipt of other grants and scholarships may reduce the WTC award. The total of all aid received cannot be greater than the student's cost of attendance determined for federal Title IV student financial aid purposes

For detailed application and award information, please visit HESC's NYS World Trade Center Scholarship website (<https://www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid/nys-grants-scholarships-awards/nys-world-trade-center-memorial-scholarship.html>).

NYS Memorial Scholarships for Families of Deceased Firefighters, Volunteer Firefighters, Police Officers, Peace Officers, and Emergency Medical Service Workers

The NYS Memorial Scholarship provides financial aid to children, spouses, and financial dependents of deceased firefighters, volunteer firefighters, police officers, peace officers (including NYS Correction Officers), and emergency medical service workers who have died as the result of injuries sustained in the line of duty in service to the State of New York.

For detailed application and award information, please visit HESC's NYS Memorial Scholarship for Families of Deceased Firefighters, Volunteer Firefighters, Police Officers, Peace Officers, and Emergency Medical Service Workers website (<https://www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid/nys-grants-scholarships-awards/nys-memorial-scholarship.html>).

NYS CHILD WELFARE WORKER INCENTIVE SCHOLARSHIP PROGRAM

The NYS Child Welfare Worker Incentive Scholarship Program grants awards for child welfare workers employed at voluntary not-for-profit child welfare agencies licensed by the NYS Office of Children and Family Services (OCFS). Recipients must agree to live in NYS and work at a voluntary not-for-profit child welfare agency licensed by OCFS for 5 years after graduation and can use the award to get an associate's, bachelor's, or graduate degree.

For detailed application and award information, please visit HESC's NYS Child Welfare Worker Incentive Scholarship Program website (<https://www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid/nys-grants-scholarships-awards/nys-child-welfare-worker-incentive-scholarship-program.html>).

Veterans Tuition Awards

Veterans Tuition Awards (VTA) are awarded for full-time study and part-time study for eligible veterans matriculated in an approved program at an undergraduate or graduate degree-granting institution or in an approved vocational training program in New York State.

For full-time study, a recipient shall receive an award of up to the full cost of undergraduate tuition for New York state residents at the State University of New York, or actual tuition charged, whichever is less. For part-time study, awards will be prorated by credit hour. Part-time study is defined as at least three but fewer than twelve credits per semester.

For information on establishing eligibility and applying for a VTA, please visit HESC's VTA website (<https://www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid/nys-grants-scholarships-awards/veterans-tuition-awards.html>).

Regents Award for Children of Deceased or Disabled Veterans

Regents Awards for Children of Deceased and Disabled Veterans were created to provide financial aid to students whose parent(s) served in the U.S. Armed Forces during specified times of national emergency.

The award is \$450 per year.

For detailed application and award information, please visit HESC's Children of Deceased or Disabled Veterans website (<https://www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid/nys-grants-scholarships-awards/nys-regents-awards-for-children-of-deceased-and-disabled-veterans.html>).

NYS Aid to Native Americans

Enrolled members of a New York State tribe and their children who are attending, or planning to attend, a college in New York State and are New York State residents may be eligible for an award through the Aid to Native Americans Program.

Awards are made to all eligible applicants. There is no qualifying examination. Awards are available for 2, 4, or 5-year programs.

Eligible and/or certified American Indian students are eligible to receive grant awards of up to \$2,000 per year for up to four years of full-time study (five years for specific programs requiring five years to complete degree requirements).

For detailed application and award information, please visit HESC's NYS Aid to Native Americans page (<https://www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid/nys-grants-scholarships-awards/nys-aid-to-native-americans.html>).

Segal AmeriCorps Education Award

AmeriCorps is the national service initiative that provides funding for nonprofit organizations, agencies, and educational institutions to run local programs that engage individuals from all backgrounds in community service activities. More than 2,500 AmeriCorps members serve annually in New York State, and more than 75,000 serve nationally. They address the most pressing education, public safety,

homeland security, and human and environmental challenges facing our communities.

Award amounts are tied to the maximum amount of the U.S. Department of Education's Pell Grant.

Each AmeriCorps site is run locally, so recruitment strategies, living allowances, service projects, and program service designs vary from one site to the next.

To learn more about awards and how to apply, please contact the NYS Office for National and Community Service at 52 Washington St. Rensselaer, NY 12144 or visit AmeriCorps (<https://www.nationalservice.gov/programs/ameri-corps/segal-ameri-corps-education-award/>) website (<https://www.nationalservice.gov/programs/ameri-corps/>)

RECRUITMENT INCENTIVE AND RETENTION PROGRAM (RIRP)

RIRP is a New York State program designed to recruit and retain quality personnel for the state military forces (Army and Air National Guard and Naval Militia). This competitive program will pay the cost of tuition up to a maximum of \$4,350 per calendar year for eligible qualified applicants.

Students must apply for all federal and state financial aid, including the New York Tuition Assistance Program (TAP).

Full details on the program may be found at the New York State Division of Military and Naval Affairs (DMNA) website (<https://dmna.ny.gov/education/?id=rirp>).

AID FOR PART-TIME STUDY (APTS)

The Aid for Part-time Study (APTS) program provides grant assistance for eligible part-time students enrolled in approved undergraduate studies.

Awards provide up to \$2,000 per year for part-time undergraduate study at participating institutions in New York State. An APTS award cannot exceed tuition charges.

Eligibility is determined by the Office of Student Financial Services.

Higher Education Opportunity Program (HEOP)

Application Procedures

Application is through the HEOP office at the independent institution of higher education at which the applicant is enrolled. Contact the Office of Access, Opportunity & Achievement for additional information, 607-274-1267, or see the Ithaca College Office of Access, Opportunity & Achievement website (<https://www.ithaca.edu/office-access-opportunity-achievement/>).

Detailed information about the programs listed on this page may be found on the Office of Postsecondary Access, Support, and Success website (<http://www.nysed.gov/postsecondary-services/higher-education-opportunity-program-heop/>).

Selection of Recipients and Allocation of Awards

The applicant must be

1. a New York State resident;
2. a matriculated undergraduate student at an independent college or university in New York State; and
3. academically and economically disadvantaged according to guidelines approved by the Board of Regents and the director of the budget.

Selection of eligible applicants for participation in HEOP is conducted by the institution or the HEOP program at the institution or both.

Award Schedule

The amount of financial assistance and other support provided to HEOP participants depends on need as determined by the institution and the program, within state guidelines.

Responsibilities of Recipients

Recipients must meet requirements for academic progress determined by each institution, within state guidelines. Each recipient must also apply for TAP, Pell, or other financial aid every year. HEOP-eligible students must submit a Free Application for Federal Student Aid (FAFSA) to the federal processor. Indicate on the FAFSA that the information is to be released to Ithaca College. HEOP-eligible students also must submit a New York State Express TAP Application (ETA). The FAFSA application is available at local high schools and colleges. The ETA is generated by NYSHESC and mailed to the student after the student files the FAFSA.

Vocational Rehabilitation Grants

Application Procedures

Persons with disabilities can obtain a list of locations where grant application information is available by contacting the New York State Education Department, Adult Career and Continuing Education Services Vocational Rehabilitation (ACCES-VR) at:

1-800-222-JOBS (5627) or by visiting the ACCES VR website (<http://www.acces.nysed.gov/vr/college-higher-education/>).

Federal Programs

For all federal aid programs listed applicants must file the Free Application for Federal Student Aid (FAFSA). The application can be completed on the Federal Student Aid website (<https://www.studentaid.gov/>).

Federal Pell Grants

Selection of Recipients and Allocation of Awards

The Federal Pell Grant program is an entitlement program. Eligibility and award amounts are based on financial need. The applicant must be matriculated as an undergraduate student, for at least 3 credits at an approved post-secondary institution and must need financial assistance to continue their education. A student may receive grants for the period required to complete a first baccalaureate degree but for no more than 12 semesters (for first-time Pell grant recipients on or after July 1, 2008). Awards may be used for tuition, fees, books, and living expenses. A student may be eligible to receive Pell Grant funds for up to 150 percent of the student's Pell Grant scheduled award for an award year. To be eligible for the additional Pell Grant funds, the student must be otherwise eligible to receive Pell Grant funds for the payment period and must be enrolled at least as a half-time student in the payment period(s) for which

the student receives the additional Pell Grant funds in excess of 100 percent of the student's Pell Grant Scheduled Award.

Award Schedule

Awards range from \$649 to \$6,495 for the 2021-2022 academic year. The amount of the award is affected by the cost of attendance and full- or part-time enrollment status.

Responsibilities of Recipients

The student must continue to make satisfactory academic progress in the program in which they are matriculated. The student must not owe any refunds on Pell grants or other awards paid, or be in default on repayment of any student loan.

Before receiving payment, Ithaca College must have on file, by electronic means, an accurate official student aid report (SAR) which is generated from the student's FAFSA. Awards are credited to the student's account.

Federal Supplemental Education Opportunity Grants (SEOG)

Selection of Recipients and Allocation of Awards

The applicant must

1. be a U.S. citizen or an eligible non-citizen;
2. be an undergraduate matriculated at an institution participating in the federal campus-based programs;
3. if applicable, be registered with the Selective Service;
4. demonstrate exceptional financial need relative to other applicants at the institution; and
5. be a Pell grant recipient. The applicant must not be in default or refund status for any federal Title IV aid at any institution.

Recipients and award amounts are determined by the Office of Student Financial Services.

Award Schedule

The award ranges from \$100 to \$4,000, depending upon funding. A student may receive grants for the period required to complete a first baccalaureate degree.

Responsibilities of Recipients

The student must continue to make satisfactory academic progress.

Federal Direct Student Loan – Subsidized Application Procedures

Ithaca College processes applications electronically. Borrowers may accept a loan offer using their HomerConnect access online once they complete the e-communications requirement. Once accepted, the College transmits pertinent loan and entrance counseling information to the federal Department of Education (US DOE). A borrower utilizes the US DOE Direct Loan website to complete a master promissory note. Repeat Direct Loan borrowers who have completed the entrance counseling and the master promissory note while attending Ithaca College need not complete another entrance counseling nor another promissory note unless otherwise instructed to do so.

- **HomerConnect website**
- **Federal Direct Loans website**

Selection of Recipients and Allocation of Awards

The Direct Loan is an entitlement program in which all eligible applicants can obtain a loan. To be eligible for a guaranteed Direct Loan, a student must:

1. demonstrate financial need (for most programs);
2. be a U.S. citizen or eligible non-citizen;
3. have a valid Social Security number (with the exception of students from the Republic of the Marshall Islands, Federal States of Micronesia, or the Republic of Palau);
4. be registered with Selective Services, if you're a male (you must register between the ages of 18 and 25);
5. be enrolled or accepted for enrollment as a regular student in an eligible degree or certificate program;
6. be enrolled at least half-time to be eligible for Direct Loan Program funds;
7. maintain satisfactory academic progress in college or career school;
8. sign the certification statements on the *Free Application for Federal Student Aid* (FAFSA) stating that
 - you are not in default on a federal student loan and do not owe money on a federal student grant and
 - you will use federal student aid only for educational purposes; and
9. show you're qualified to obtain a college or career school education by
 - having a high school diploma or a recognized equivalent such as a General Educational Development (GED) certificate;
 - completing a high school education in a home school setting approved under state law (or—if state law does not require a homeschooled student to obtain a completion credential—completing a high school education in a home school setting that qualifies as an exemption from compulsory attendance requirements under state law); or
 - enrolling in an eligible career pathway program and meeting one of the "ability to benefit" alternatives
10. not be in default or refund status for any federal Title IV program at any institution;
11. be determined to be eligible or ineligible for a Pell grant;
12. if applicable, be registered with the Selective Service;
13. have a Social Security number;
14. demonstrate financial need; meet any other requirements as outlined by federal law or regulation.

1.057% of the loan amount borrowed for federal "loan origination and insurance fees" will be withheld by the federal loan processor from the amount borrowed prior to disbursement (subject to change).

At Ithaca College, funds may not be disbursed until after the drop/add period has passed. Loan proceeds are made in two disbursements regardless of the loan period. Funds must be disbursed by electronic fund transfer (EFT), which allows the funds to be credited directly to the student's account.

Loan Schedule

An undergraduate may borrow up to \$3,500 per academic year for the first year of study, \$4,500 for the second (30-59 credits completed), and \$5,500 for each additional undergraduate year (60 or more credits completed), up to a total of \$23,000.

A student receiving a Federal Direct Subsidized loan is eligible for a full-interest subsidy during the time the student is in school at least half-time.

Responsibilities of Borrowers

The student must continue to maintain satisfactory academic progress. The interest rate is a fixed rate of 3.73% for loans that are first disbursed on or after July 1, 2021, and before July 1, 2022. Repayment begins six months after the student ceases to be enrolled at least half-time.

Various deferments allowing postponement of repayment are available depending on when the student received the first loan. Periods of deferment are limited to those who are

1. in school at least half-time;
2. on graduate fellowships or rehabilitation training;
3. unemployed;
4. serving on active duty during a war, being on active duty as a member of the national guard, or
5. in economic hardship.

For specific information, students should consult the Federal Student Aid Deferment Forbearance website (<https://studentaid.ed.gov/sa/repay-loans/deferment-forbearance/>).

On ceasing to be at least a half-time student, the borrower must make formal arrangements with the Direct Loan servicer to begin repayment. The following regulations apply:

1. Standard, graduated, extended, revised pay as you go (REPAYE), pay as you earn (PAYE), income-based, income-contingent and income-sensitive repayment plans are available to assist borrowers in meeting repayment obligations. Under unusual and extenuating circumstances, the loan servicer, on request, may permit other payment arrangements.
2. The standard repayment period is 10 years unless the repayment option provides for a longer repayment period.
3. Repayment in whole or part may be made any time without penalty.
4. Loans may be consolidated, resulting in longer repayment terms and smaller monthly payments.

Federal Direct Student Loan – Unsubsidized

Application Procedures

Application procedures are the same as for the subsidized Federal Direct Loan.

Selection of Recipients and Allocations of Awards

Eligibility is the same as for the subsidized Federal Direct Loan, except no demonstration of financial need is required. This program is available to students who may not qualify for subsidized federal Direct Loans or for only partially subsidized Direct Loans.

The interest rate is fixed at 3.73%. The origination fee is the same as for the subsidized Direct Loan.

Loan Schedule

An undergraduate may borrow up to \$5,500 in a combination of Direct Subsidized loan and Direct Unsubsidized loan per academic year for the first year of study, \$6,500 for the second (30-59 credits completed),

and \$7,500 for each additional undergraduate year (60 or more credits completed), up to a total of \$31,000.

A student receiving a Federal Direct Subsidized loan is eligible for a full-interest subsidy during the time the student is in school at least half-time.

Responsibilities of Borrowers

The requirements are the same as for the subsidized Federal Direct Loan. However, the borrower is responsible for interest that accrues while in school. Interest may be capitalized.

Federal Direct Parent Loan for Undergraduate Students (PLUS)

Application Procedures

In order to apply for a Parent PLUS loan, the student for whom the parent is borrowing must have a valid Free Application for Federal Student Aid (FAFSA) on file with Ithaca College. The parent borrower must visit the US Department of Education's (US DOE) Direct Loan website, through the Federal Student Aid website (<https://studentaid.gov>), and complete the 'Request Direct PLUS Loan' for a 'Parent PLUS' loan on behalf of that student. The US DOE will send the request to Ithaca College electronically for further processing. If the loan is approved, the parent borrower must also complete a PLUS Master Promissory Note (MPN) through the Federal Student Aid website (<https://studentaid.gov/>). A parent borrower may also be required to complete an online PLUS Counseling session as determined by the US DOE.

Selection of Recipients and Allocation of Awards

A borrower must be the parent or stepparent on the FAFSA of a financially dependent undergraduate. Student eligibility criteria are comparable to those for federal Direct student loans, except Direct PLUS loans require no financial need test. An origination fee of 4.228% will be deducted from the loan amount for Plus loans that are first disbursed on or after October 1, 2020, and before October 1, 2021.

Loan Schedule

The maximum of the Direct PLUS loan is the total cost of attendance, minus other financial aid.

Responsibilities of Borrowers

The student must continue to maintain satisfactory academic progress. A credit check is required. Repayment begins 60 days after the loan is fully disbursed. Loan funds are electronically disbursed to the Ithaca College student account. The interest rate is a fixed rate of 6.28% for loans that are first disbursed between July 1, 2021, and before July 1, 2022.

Federal Perkins Loan

Please Note: As of the 2018-2019 award year, the Federal Perkins Loan has been discontinued.

Federal Work-Study (FWS) Program

The FWS program provides employment opportunities for students.

Selection of Recipients and Allocation of Awards

The applicant must

1. be a U.S. citizen or eligible non-citizen;
2. be enrolled in an undergraduate or first-professional program as a matriculated student at an institution participating in the federal campus-based programs;
3. not be in default or refund status for any federal Title IV aid at any institution;
4. if applicable, be registered with the Selective Service; and
5. demonstrate financial need.

Award Schedule

The post-secondary institution arranges jobs, on or off-campus, with either public or not-for-profit agencies. Students are encouraged to seek positions in community service areas. Factors considered by the student financial services office in determining whether, and for how many hours, the recipient may work under this program include financial need, class schedule, and academic progress.

The level of salary must be at least the federal minimum wage. The maximum salary allowed depends on the nature of the job and the applicant's qualifications.

Responsibilities of Recipients

The student must continue to maintain satisfactory academic progress. See the "Financial Aid Basics" on the Ithaca College Tuition & Financial Aid website (<https://www.ithaca.edu/tuition-financial-aid/financial-aid-basics/>).

Federal GEAR UP Scholarship

Application Procedures

Students who are interested in this federal program must contact the state agency responsible for the administration of the program.

Selection of Recipients and Allocation of Awards

To receive a GEAR UP (Gaining Early Awareness and Readiness for Undergraduate Programs) Scholarship, an eligible student must

1. be less than 22 years of age at the time of first scholarship award;
2. have received a secondary school diploma or its recognized equivalent on or after January 1, 1993;
3. be enrolled or accepted for enrollment in a program of undergraduate instruction at an institution of higher education that is located within the state's boundaries; and
4. have successfully participated in the early intervention component of a GEAR UP or NEISP project, or have participated in a federal TRIO program.

Individual states may determine the maximum amount of an eligible student's scholarship. The minimum amount of a scholarship must not be less than the lesser of the following: 75 percent of the average cost of attendance for an in-state student in a four-year program of instruction at a public institution in their state; or the maximum federal Pell grant for such fiscal year.

Source: GEAR UP, Office of Post-secondary Education, U.S. Department of Education, 1990 K Street, NW, 7th Floor, Mail Stop K-OPE-7-7100, Washington, DC 20006. See the GEAR UP website (<http://www2.ed.gov/programs/gearup/>) for more information.

Reserve Officers' Training Corps (ROTC)

The U.S. Reserve Officers' Training Corps (ROTC) programs include the U.S. Army, Navy-Marine Corps, and Air Force ROTC programs. These programs are offered at host colleges throughout the nation, including many colleges located in New York State. Ithaca College participates only with the Army and Air Force ROTC programs in partnership with Cornell University. To inquire into Army ROTC call 607-255-4000; for Air Force ROTC, call 607-255-4004.

Each of the three programs has separate application procedures, eligibility requirements, scholarship award schedules, and service obligations. All programs offer merit-based scholarships to undergraduates, with some assistance available for graduate students, depending on the service.

Additional information about the different service programs and a list of the colleges hosting them can be obtained through the following websites:

- [Army ROTC website](#)
- [Navy ROTC website](#)
- [Air Force ROTC website](#)

Veterans Administration (VA) Educational Benefits

Many programs of educational assistance benefits are available to those who have served on active duty in the military and to their families. Detailed information on all veterans' benefits can be obtained from regional and local Veterans Administration offices or from VA headquarters by telephone at 1-888-442-4551. In New York State, there are VA centers in Albany, Babylon, Binghamton, the Bronx, Brooklyn, Buffalo, Harlem, Hicksville, Middletown, Manhattan, Rochester, Staten Island, Syracuse, Watertown, White Plains, and Woodhaven.

Complete information on veterans' benefits may be found at the U.S. Department of Veterans Affairs website (<https://benefits.va.gov/gibill/>), or at a local veterans affairs office.

Post-9/11 GI Bill

This program provides up to the cost of tuition and fees, not to exceed the annual maximum, a monthly allowance for living expenses, and a stipend for books and supplies. Certain students may be eligible for a one-time payment of \$500 if they are relocating from highly rural areas.

All-Volunteer Force Educational Assistance (Montgomery GI Bill Active Duty)

This program primarily serves individuals who entered military service on or after July 1, 1985. The program allows basic pay to be reduced monthly for the first 12 months of service in order to be eligible for as much as 36 months of educational assistance. A Selected Reserve Educational Assistance Program is also available to help members of the Selected Reserve pay for study leading to an undergraduate degree, or for nondegree programs at institutions of higher learning. Educational assistance must be used within 10 years of a veteran's first date of discharge or release from service, with some exceptions.

Survivor's and Dependents' Educational Assistance

A monthly allowance is available to help pay the educational expenses of spouses, surviving spouses, or dependent children between the ages of 18 and 26 of service persons who are permanently and completely disabled from service-connected causes, who have died as a result of service or as a result of service-connected disabilities, who are missing in action, or who have been forcibly detained by a foreign nation for more than 90 days.

Title IV Refund Procedures

Title IV Refund Procedure

Students attending Ithaca College who are receiving federal Title IV financial aid (e.g., Federal Direct or Direct PLUS loans; Federal Pell, FSEOG grant funds) are required to return the portion of unearned aid if they withdraw, do not register, or otherwise fail to complete the period of enrollment for which the Title IV aid was provided. The return of funds does not apply to any student whose date of withdrawal is beyond the 60 percent enrollment period for which the student has been charged. The last date of attendance is determined by the date the student began the College's withdrawal process, the student's last date of recorded attendance, or the midpoint of the semester for a student who leaves without notifying the College.

To determine the percentage of aid earned, divide the number of calendar days completed by the total number of calendar days in the enrollment period (excluding scheduled breaks of five days or more AND days that the student is on approved leave of absence).

Federal financial aid is returned to the program from which it was disbursed based on the percentage of unearned aid. To determine the percentage of unearned aid, subtract the percentage of aid earned from 100. The percentage of unearned aid is then multiplied by the amount of total aid disbursed toward allowable institutional charges (e.g., tuition, room, and board).

A refund schedule of tuition and room and board charges based on a 15-week semester is provided below.

1st week	100%
2nd week	85%
3rd week	70%
4th week	60%
5th week	50%
6th week	40%
7th week	30%
8th week	15%
9th week	0%

Please note that the above refund policy also applies to students who are not federal aid recipients. It also applies to the *return* of institutional aid. In the case of any student for whom it is determined that a return must be made to programs based on prorated charges, those funds will be returned in the following order: unsubsidized Federal Direct Loan, subsidized Federal Direct Loan, Federal Direct PLUS, Federal Pell Grant, FSEOG funds, and other Title IV aid programs. Finally, if no institutional, state or private financial aid refund is required, a refund will be made to the student.

Federal financial aid is returned to the program from which it was disbursed based on the percentage of unearned aid. To determine the percentage of unearned aid, subtract the percentage of aid earned from 100. The percentage of unearned aid is then multiplied by the amount of aid disbursed toward allowable institutional charges (e.g., tuition, room, and board).

Students who withdraw from an affiliated study-abroad program must be attentive to refund deadlines, both those of the affiliate and those of Ithaca College, as there may be serious financial implications involved in withdrawing from a program near or after the start date of that program.

Students are responsible for informing both the affiliate organization and the Office of International Programs and Extended Studies should they withdraw from a planned study-abroad program.

Individuals who attend programs recognized by the College as affiliated study-abroad programs are subject to the following refund policy:

- A student who withdraws after the start of the program will be subject to the Ithaca College refund policies outlined above.
- A student who withdraws from the program before the actual start date of the program will be refunded based on the policies of the affiliate organization. The student will be responsible for paying any remaining fees, charges, or withdrawal penalties assessed by the affiliate organization. No financial aid is available to cover these charges.

Any federal aid recipient who is taking a leave of absence or withdrawing within the ninth week should be aware that a return of federal aid may be required even though full tuition and room and board charges have been incurred.

Special Considerations

Students who take a leave of absence, withdraw, or are on a continuation of leave and are also Title IV aid recipients should be aware of the following:

- The grace period for federal direct loans begins from the student's last date of attendance as determined by the designated member of the dean's office of the student's school, listed on the Leave of Absence or Withdrawal website (<https://www.ithaca.edu/leave-absence-or-withdrawal/>). A student who is on an approved leave of absence will be considered in school for purposes of repayment of federal loans. Should the student not return from an approved leave of absence, the last date of attendance will be considered the date the approved leave of absence began.
- When a student withdraws from the College, the last date of attendance will be determined as outlined under "Leaves of Absence, Withdrawals, and Readmissions (p. 730)" in the "Academic Information (p. 721)" section.
- A student who is provided a continuation of leave will be reported as withdrawn, since federal regulations do not allow for the period of study to be interrupted for more than 180 days, excluding standard periods of non-enrollment.
- Before being granted approval for withdrawal, leave of absence, or a continuation of leave, all students who are federal loan recipients are strongly encouraged to be counseled by the Office of Student Financial Services to discuss the consequences of their changed status on loan programs.

Other Resources and Information

Further information about other sources of financial aid is readily available at public libraries and college financial aid offices. Students should aggressively seek out and apply for financial assistance from grant, loan, and private scholarship sources. Students may also access a free Internet scholarship service. To learn more, visit the FastWeb website (<http://www.fastweb.com>). This and many other financial aid resources are listed online at the Ithaca College Tuition & Financial Aid website (<http://www.ithaca.edu/finaid/>).

Among the websites with financial aid information are:

- U.S. Department of Education website (<http://www.ed.gov>)
- New York State Higher Education Services Corporation website (<https://www.hesc.ny.gov/>)
- National Association of Student Financial Aid Administrators website (<http://www.nasfaa.org>), which offers a comprehensive selection of other links
- Council for Exceptional Children website (<http://www.cec.sped.org/>), which provides information on scholarship opportunities for students with disabilities

In addition to the financial aid programs listed in this catalog, there are many specialized aid programs available to students who are members of underrepresented groups or who are disabled. Among these is the following:

- Educational opportunities for persons who are disabled or legally blind — contact the New York State Education Department, Adult Career and Continuing Education Services Vocational Rehabilitation (ACCES-VR), 89 Washington Avenue, New York State Education Building Annex Room 580 EBA Albany, New York 12234 or by phone: 1-800-222-JOBS (5627); or the Commission for the Blind and Visually Handicapped, Office of Children and Family Services, The Atrium, 100 S. Salina Street, Suite 105, Syracuse, NY 13202, phone: 315-423-5417.

Endowed Scholarships and Special Awards

A number of scholarship funds have been established at the College through the generosity of alumni, parents, friends, corporations, and foundations. Most of these scholarships and special awards were created by endowment gifts or bequests, though some are maintained through annual support from the donor. Unless otherwise specified, endowed scholarships are awarded to undergraduate students and require full-time enrollment.

The growing number of these funds provides an increasing source of support for deserving students. Scholarships are usually awarded annually and in accordance with the intent of the donor. For those who have financial need as a factor in determining eligibility, it is calculated based on institutional policy. For a comprehensive listing of endowed and named scholarships, please visit the Ithaca College Scholarships website (<https://www.ithaca.edu/tuition-financial-aid/financial-aid-basics/scholarships/>).

Academic Information

This section gives details of academic affairs information; credit and grade information; graduation and program regulations; leaves of absence, withdrawals, and readmissions; and registration and course

information. Students are expected to acquaint themselves with this information and to work closely with their adviser on the implementation of regulations.

- Credit and Grade Information (p. 722)
- Academic Affairs Information (p. 724)
- Graduation and Program Regulations (p. 727)
- Leaves of Absence, Withdrawals, and Readmissions (p. 730)
- Registration and Course Information (p. 735)

Credit and Grade Information

Unit Credit (Credit Hours)

Credit is earned at Ithaca College in credit hours as measured by the Carnegie unit. The Carnegie unit is defined as one hour of classroom instruction and two hours of assignments outside the classroom, for a period of 15 weeks for each unit (credit).

Class Determination

Students are classified as first-year, sophomore, and so on, on the following basis (earned credits from all sources):

First-Year	0-29.9
Sophomore	30-59.9
Junior	60-89.9
Senior	90 or more

Incompletes

Incompletes are given only when a student is doing satisfactory work but cannot complete the course for a reason not related to academic performance (i.e., medical, family emergency). The incomplete must be requested by the student together with a presentation of the legitimate reasons that justify the request. Terms for the completion of the course are to be determined by the faculty member and will include the following: specific assignments with criteria for assessment and the due date (no later than the end of the following semester). If no complete grade is received by the due date, a grade of F is recorded on the transcript. Undergraduate students may not graduate from Ithaca College with an incomplete recorded on the academic transcript.

For "incomplete" deadlines for seniors, see the relevant section under "Graduation and Program Regulations (p. 727)."

Repeating a Course

A student who receives a grade of D+ or less in any course not designated as repeatable may repeat the course only once. Students in a degree program that require the course to be passed with a specified minimum grade higher than D+, are allowed to repeat the course no more than twice in order to meet the minimum grade requirement.

For any course repeated under this policy, credit toward graduation requirements is granted only once, and only the highest grade received in the repeated course is counted in the cumulative GPA. The final grade earned for the repeated course, each time it is taken, will remain on the transcript. The cumulative GPA will not be adjusted under this policy for any courses repeated after a degree has been awarded, or for any course repeated before the fall semester of 2012. Repeating a course may have financial aid implications; financial aid recipients intending to repeat a

course should first seek advice from Student Financial Services. This policy applies only to courses taken at Ithaca College.

Grading System

The acceptable grades and corresponding points for GPA calculations are as follows. All grades except P, I, S, W, NGS are used in calculating GPAs. The GPA is not rounded.

Grade	Points
A	4.00 (excellent)
A-	3.70
B+	3.30
B	3.00 (good)
B-	2.70
C+	2.30
C	2.00 (satisfactory)
C-	1.70
D+	1.30
D	1.00
D-	0.70
F	0
P	Not calculated
I	Not calculated
S	Not calculated
W	Not calculated
NGS	Not calculated

Satisfactory/D/Fail (S/D/F) Option

The intent of the satisfactory/D/fail (S/D/F) option is to encourage exploration and experimentation in curricular areas in which the student may have had little or no previous experience. Students may rescind the S/D/F election and opt for a regular letter grade until the end of the 10th week of classes.

- Each undergraduate may elect S/D/F grading in no more than four courses in their bachelor's degree program.
- A student may elect only one S/D/F course per semester.
- Any course for the major or minor must be taken for a letter grade unless the course is offered only on a pass/fail basis. In this context, required courses are those that are specified as such by number and title, or are selected to fulfill a specified number of department credits. Departments may set additional limits but cannot grant exceptions to the above stipulations.
- To exercise the S/D/F option, a student must complete an S/D/F option form. This form must be submitted to the registrar by the end of the third week of classes in the semester in which the S/D/F credit is being taken.
- A student may rescind the S/D/F election and opt for a regular letter grade in a course until the end of the 10th week of classes (the same deadline for withdrawing from a course).
- Any S/D/F election that is rescinded before the end of the 10th week of classes does not count toward the total of four courses.
- Students who are registered for S/D/F and earn a grade below C- will have that grade (D+, D, D-, or F) calculated into their GPA. Grades of S are not calculated into their cumulative GPA.

- Students planning to transfer to another school or department, or to enter a graduate or professional school, are reminded that their admission may be affected by S/D/F coursework.
- The S/D/F option does not apply to pass/fail courses.

Grade Changes

Grades as filed with the Office of the Registrar are final except where an error of judgment has occurred or an error has been made in computation or transcription. Shortly after the close of each semester, currently enrolled students can access their final grade report using the student information system website. Any student requesting changes to the final grade report must provide written notification of their request to the faculty member no later than two weeks from the date when classes begin in the succeeding fall or spring semester; hence, each student is advised to review each term report carefully and promptly. Before the registrar can amend any grade record, the change must have been approved by the faculty member and the dean of the school in which the course is offered.

Policy on Grade Disputes

Grade disputes should be resolved directly between the individual faculty member and the student. If that is not possible, the department chair and/or dean may intervene for purposes of mediation. Any student disputing a grade must provide written notification of the disputed grade to the faculty member, no later than two weeks from the date when classes begin in the following fall or spring semester. Failing resolution of the matter at the school level, the student may petition the provost as described under "Students' Right to Petition (p. 724)." The final resolution of the dispute will be made by the provost. As a general principle, the authority to change a grade rests with the individual faculty member. Exceptions made by the provost occur only for the most compelling reasons.

Credit from External Sources

Transfer From Another REGIONALLY ACCREDITED Institution

A student who transfers to Ithaca College from another accredited college or university may be granted credit for all courses satisfactorily completed with a grade of C- or better, except that transfer students must in all cases meet the same requirements as Ithaca College students in a given program. For example, if a particular course in the major area of study must be passed with a grade of C or better, transfer students will be required to meet that standard. It is the transfer student's responsibility to request that a transcript be sent to the Ithaca College director of admission directly from the institution. Credits accepted toward an academic program are determined by the student's academic dean. Credits are transferable; grades are not. All credits are converted into semester credit hours if they are not already so designated.

Occasional Study at Another Institution (Semester or Summer)

Credit for occasional courses taken at another institution is accepted by Ithaca College under the following conditions:

1. The student has successfully petitioned for preliminary approval of the credit prior to taking the courses.
2. The other institution has regional and/or appropriate professional accreditation (confirmation is needed from the Ithaca College registrar on this point).

3. The courses in question are not among those that must be taken at Ithaca College to fulfill major requirements (refer to specific program listings and consult with adviser for information on this).
4. An appropriate final course grade is earned as set out under "Transfer from Another Institution (p. 723)" above.

The petition for preliminary approval requires the consent of the student's adviser, the chair(s) of the department(s) to which the credit for a required course relates, and the dean. On completion of the courses, the student must have the official transcript sent to the registrar's office.

This credit is counted toward graduation requirements, but grades are not counted for the student's GPA at Ithaca College.

Transfer from a non-regionally accredited institution

Review and approval of the appropriate department chairperson is necessary to accept courses for transfer credit for prospective students who attended institutions that are not accredited by one of the six regional accrediting organizations recognized by the Council for Higher Education Accreditation (CHEA). Approval will be done on a case-by-case basis. Not all transfer credits accepted can be applied to requirements on a degree-specific basis. Some programs may require additional testing before accepting transfer courses.

Award of transfer credit takes into consideration the level and depth of study, applicability of the courses to the programs offered, expected learning outcomes, and comparable nature and content. Courses completed at an institution not accredited by one of the six regional accrediting organizations after a student has enrolled at Ithaca College will not be considered. Remedial and developmental courses are not transferable. Additionally, no academic credit is awarded for life experience.

In order for courses from non-regionally accredited institutions to be considered, the following criteria must be met:

- The student must provide supporting documentation: an official transcript, course syllabi, course descriptions, course learning outcomes, and the course numbering system of the transfer institution;
- The courses and credits earned must be from a degree-granting institution;
- Courses for which a grade of C- or higher has been earned; courses completed with a P (Pass) or S (Satisfactory) grade that is equivalent to a final letter grade of C- or higher, as long as documentation has been provided by the transfer institution.

A student who has taken a course that does not fall under the authority of any department but that is substantially similar to a course in the Integrative Core Curriculum (ICC) may appeal to have that course applied to the ICC. Such an appeal should be submitted to the Director of the Integrative Core Curriculum (icc@ithaca.edu). The student should be prepared to provide supporting documentation as indicated above.

academic residency requirement

To be eligible to earn an undergraduate degree at Ithaca College, a minimum of 48.0 semester credits must be completed and applied to the degree at Ithaca College. A minimum of 50% of the required course credits for a major must be earned at Ithaca College.

Credit by Examination

Ithaca College, at the discretion of the student's dean or program director, accepts credit from other established sources, such as Advanced Placement (AP), College Level Examination Program (CLEP), General and Subject Examinations, New York ACT, and educational experiences in the armed services. Test results should be sent to the Office of the Registrar. All credits are converted to semester credit hours, if they are not already so designated.

Credit From External Sources and the Integrative Core Curriculum

Students may apply credits earned at other institutions or granted on the basis of AP/IB/CLEP scores to fulfillment of the following ICC components: First Year Composition, Quantitative Literacy, Diversity, and Writing Intensive. Such credits may also apply to the 12 Complementary Liberal Arts credits depending on school and department requirements. The degree to which such credits could apply to a specific ICC requirement is dependent on a match between the Ithaca College courses meeting the requirement and the credit granted for courses completed elsewhere and on program-specific requirements for the 12 Complementary Liberal Arts credits.

Students may not apply credits earned at other institutions or granted on the basis of AP/IB/CLEP score or any other standardized examination program from which Ithaca College awards credit toward fulfillment of the Themes and Perspectives or ICC Capstone components of the ICC.

Academic Affairs Information

Responsibilities of Students

Students are responsible for making sure that they are doing satisfactory work toward completion of a degree at the College. Any changes that affect a student's individual curriculum must be approved by the student's academic dean. A copy of the approved changes must be sent to the Office of the Registrar. Students are advised to check their final term reports on the student information system website for accuracy and, if there are questions, to consult the Office of the Registrar. Students may check their academic records in the Office of the Registrar at any time.

Plagiarism — Every student's work is expected to represent personal efforts. In cases involving allegations of plagiarism (see "Plagiarism (<https://www.ithaca.edu/policy-manual/volume-vii-students/72-undergraduate-students/724-academic-affairs-information/>)" in the Ithaca College student handbook) or any other form of academic dishonesty, the procedures set out in the Ithaca College "Student Conduct Code (<https://www.ithaca.edu/policy-manual/volume-vii-students/71-general-student-policies/712-student-conduct-code/>)" (part of the Ithaca College student handbook) are followed. All unresolved differences (as well as repeat offenses) are referred to the Conduct Review Board for hearing in accordance with the code.

Students' Right to Petition

Each currently enrolled undergraduate student has the right to petition the provost to waive any of the all-College academic regulations. Students may also petition the provost to review any other academic issue that has not been resolved first by the instructor, or subsequently by the department chair, and then by the dean; in order to be considered, any such petition must be received by the office of the provost no later than the last day of classes of the fall or spring semester after the events which gave rise to the academic issue addressed in the

petition. Petitions related to grades must first follow guidelines under two other policies: "Grade Changes" (Policy Manual section 7.2.3.6.2 (<https://www.ithaca.edu/policy-manual/volume-vii-students/72-undergraduate-students/723-credit-and-grade-information/>)) and "Policy on Grade Disputes" (Policy Manual section 7.2.3.6.3 (<https://www.ithaca.edu/policy-manual/volume-vii-students/72-undergraduate-students/723-credit-and-grade-information/>)).

To petition the provost, the student should submit a written petition to the dean with a copy to the department chair and a copy to any faculty member(s) involved. The dean sends the petition to the provost, along with their recommendation. Each petition is considered by the provost or designee on an individual basis and is decided based on the facts that pertain to the particular student's situation. When it is appropriate and feasible, the provost or designee consults with the individuals involved before making a final decision.

Petitions related to grades must first follow guidelines under two other policies: "Grade Changes" (Policy Manual section 7.2.3.6.2 (<https://www.ithaca.edu/policy-manual/volume-vii-students/72-undergraduate-students/723-credit-and-grade-information/>)) and "Policy on Grade Disputes" (Policy Manual section 7.2.3.6.3 (<https://www.ithaca.edu/policy-manual/volume-vii-students/72-undergraduate-students/723-credit-and-grade-information/>)).

Academic Standards

College academic standards require that a full-time student pass 24 credit hours in any consecutive 12-month period and maintain at least a 2.00 cumulative GPA. A summer session cannot be counted twice, i.e., as part of two 12-month periods. Individual schools and programs may have more stringent requirements; therefore, students must check the school and department listings for those additional requirements. To be eligible for financial aid programs, students must meet standards; see the "Academic Standing and Progress (p. 712)" section.

After a case-by-case review, students who do not meet the College academic standards may be permitted to continue their studies at the College on academic warning, but they are also subject to immediate suspension or dismissal. A student may be suspended or dismissed by a dean from the school and from Ithaca College. Students may be suspended or dismissed from a degree program in accordance with published special academic status policies. Students are informed by letter of the conditions of their suspension and of the criteria and procedures for return. Students who are dismissed from a program, a school, or the College may not return to the unit from which they have been dismissed. Students dismissed from a program or school but not from the College may return to another program or school if accepted by that unit. The specific consequences of each type of action are described below.

If a student withdraws from the College after the deadline for course withdrawal for the semester, they may still be subject to academic suspension or dismissal for unsatisfactory academic performance. The suspension or dismissal action takes precedence over the withdrawal.

Academic Status: Good Standing, Warning, Suspension, Dismissal

College Good Standing

The student has earned at least 12.0 credits in the semester and has maintained a semester and cumulative GPA of 2.00 or higher.

College Warning

A student is placed on college warning when their semester or cumulative GPA is below a 2.00 or has not completed 12.0 credits in a semester. Students on college warning are eligible to continue taking courses at Ithaca College and participate fully in College activities unless otherwise stipulated. When students are placed on college warning, they are informed in writing of the reasons for warning, any special warning conditions, and the criteria they must meet to be removed from warning. Warnings are not recorded on the student's official transcript.

College Suspension

A student is placed on college suspension if s/he has spent one or more semesters on college warning and has not fulfilled the terms of the warning or after failing to achieve the minimum GPA for the student's standing from the table below. The terms and duration of the college suspension will be determined by the individual school on a case-by-case basis. Students submit appeals of suspension to their dean's office. Students suspended from Ithaca College may not enroll in any courses at the College for at least one fall or spring semester. All suspensions are recorded on the student's official academic transcript. Students on academic suspension must apply to return to the College and demonstrate that they have met the conditions specified in the letter of suspension for eligibility to return. Reinstated students are placed on college warning status.

College Dismissal

A student is placed on college dismissal if s/he has spent one or more semesters on college suspension and has not fulfilled the terms of the suspension or after failing to achieve the minimum GPA for the student's standing from the table below. Students dismissed from Ithaca College may not return to continue their studies at the College. All dismissals from the College are recorded on the student's official academic transcript. Students submit appeals of dismissal to their dean's office. Students need not be on warning for one or more semesters before being suspended or dismissed from the college.

College Appeal Process

Students who are placed on college suspension or college dismissal may appeal when special circumstances exist. Conditions when a student may appeal include death of a relative, injury or illness of the student or other extenuating circumstances.

Some academic programs may have additional policies and procedures regarding program warning, suspension, or dismissal. Students may be placed on program warning, suspension, or dismissal while meeting requirements for college good standing. Please consult the appropriate sections in this catalog for more information.

Please contact Student Financial Services for the academic requirements necessary to maintain financial aid eligibility.

Table of College Academic Status

Total IC Credit Hours Attempted	Semester or Cumulative GPA for College Warning	Semester or Cumulative GPA for College Suspension or Dismissal
0 - 29.9	Less than 2.000	Less than 1.600
30.0 - 59.9	Less than 2.000	Less than 1.800
60.0 - 89.9	Less than 2.000	Less than 1.950
90.0 or more	Less than 2.000	Less than 2.000

Return after Academic Suspension or Dismissal

Students who have been suspended or dismissed and are eligible to return must apply to return to the College. Any student returning to the College after academic suspension or dismissal from a school returns on warning status for the first semester. At the end of that semester, the school to which the student has returned determines whether the student may continue to be enrolled at Ithaca College.

As indicated, students suspended from Ithaca College may return subject to the fulfillment of specified conditions. Students who are dismissed from Ithaca College for academic reasons may not return to the College.

Students who return from academic suspension in the degree program from which they were suspended resume the degree requirements in effect at the time of suspension. If the program requirements have changed during the period of suspension, the student may choose between the original and the new requirements. Students who do not return at the specified time and whose period of suspension is not extended will have "Withdrawn — did not return after suspension" recorded on their official transcript.

Students who wish to apply for admission to a different program or school following suspension, or who have been dismissed from a degree program at the time of their suspension, must meet the admission criteria for the new program and be accepted by that program. Students must contact the new school to find out the specific admission or readmission criteria. If accepted, the students must meet the graduation requirements in effect at the time of admission to that program.

Students who do not return at the end of the specified period of suspension and whose period of suspension is not extended by permission of the dean must, if they wish to return, apply for readmission to the College. They must follow the program requirements in effect in the semester of return, even though the requirements may be different from those under which they entered the program. Students must apply for readmission in accordance with official College readmission procedures. The application can be found on the Office of the Registrar forms website (<https://www.ithaca.edu/academics/registrar/forms/>).

Program Suspension or Dismissal

Students may be suspended or dismissed from a particular degree program for failure to meet requirements in that program, yet not be suspended or dismissed from a school or the College. In the case of a program suspension, a department may set special conditions that must be satisfied during the specified period of program suspension. When students are dismissed from a program, they are eligible to make a change of major to another program provided they are accepted by the new department and, if applicable, school. For students who decide to leave the College, the dismissal is effective immediately. For students remaining at the College, such program dismissals take effect at the end of the following semester to allow them time to decide on, and be admitted to, a new major. Meanwhile, they continue to be listed in the current degree program with the same faculty adviser. Failure to change majors during the semester will result in suspension from the school and the College.

Academic Records

The Office of the Registrar is responsible for the maintenance and accuracy of all permanent academic records. Shortly after the close of each semester, students can access their final grade reports using the student information system website. Any students requesting changes to their academic records must submit their request in writing to the Office

of the Registrar no later than two weeks from the date when classes begin in the succeeding fall or spring semester.

Family Educational Rights and Privacy Act of 1974 (FERPA)

Ithaca College complies with the Family Educational Rights and Privacy Act of 1974. This act was designed to protect the privacy of education records, to establish the right of students to inspect and review their educational records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Education records are defined as records that are directly related to a "student" and maintained by an educational agency or institution by a party acting for the agency or institution. The below information is a direct quote from the FERPA policy provided by the United States government, which does not reflect the Ithaca College policy on gendered language. FERPA affords every student the following rights with respect to their education records:

1. **The right to inspect and review the student's education records** within a reasonable period of time, but in no case longer than 45 days once a student has submitted a request. A student should submit to the registrar, dean, department chairperson, or other appropriate official a written request that identifies the records he or she wishes to inspect. The College official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the College official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

Records Exempt: The law exempts from student access some school records under specific conditions, which include

- a. Records of instructional, supervisory, and administrative personnel and educational personnel ancillary to those persons that are kept in the sole possession of the maker of the record and are not accessible or revealed to any other person except a temporary substitute for the maker of the record.
- b. Records of a law enforcement unit of the College (Office of Public Safety) created by the unit for a law enforcement purpose and maintained by the unit.
- c. Records on a student who is 18 years old or older that are made or maintained by a physician, psychiatrist, psychologist, or other recognized professional or paraprofessional acting in his or her professional capacity or assisting in a paraprofessional capacity and that are used only in connection with treatment of the student and disclosed only to individuals providing the treatment.
- d. Financial information submitted by parents.
- e. Records relating to individuals who are employed by the institution, when the records are made and maintained in the normal course of business, relate exclusively to individuals in their capacity as employees, and are not available for use for any other purpose. However, records of students who are employed as a result of their status as students (e.g., work-study) are education records.
- f. Records that contain only information about the student after he or she is no longer a student at the College.
- g. If the education records of a student contain information on more than one student, the parent or eligible student may inspect, review, or be informed of only the specific information about the student.
- h. Confidential letters and statements of recommendation placed in the records after January 1, 1975, to which the

student has waived his or her rights to inspect and review and that are related to the student's admission, application for employment or job placement, or receipt of honors.

2. **The right to request amendment of the student's education record** that the student believes is inaccurate or misleading. A student may ask the College to amend any part of his or her record that the student believes is inaccurate or misleading. The student should write to the College official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student upon notification of the right to a hearing.
3. **The right to consent to disclosures of personally identifiable information** contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent or that such information has been designated by the College as directory information. FERPA permits disclosure without consent to school officials with legitimate interests. A school official is any person employed by the College in an administrative, supervisory, academic, research, or support staff position (including public safety personnel and health services staff); a person or company providing services or functions or otherwise authorized to act on behalf of the College (such as a consultant, attorney, auditor, volunteer, or collection agent); a person serving on the board of trustees; or a student serving on an official committee (such as a disciplinary or grievance committee) or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. The College is permitted to disclose, without consent, when the College is returning records to the apparent creator (e.g., a transcript or a letter of recommendation) to verify authenticity. Under certain emergency situations, it may be necessary to release information to protect the health or safety of the student or other students. The College may disclose education records if it determines that there is an articulable and significant threat to the health or safety of a student or other individuals, but only to those persons whose knowledge of the information is necessary to protect the health or safety of the student or other individuals. The College will keep a record in the Office of Student Affairs and Campus Life of the articulable and significant threat that formed the basis for the disclosure and of the parties to whom the information was disclosed. FERPA also permits disclosures of personally identifiable information, including updated or corrected information, without consent to schools in which a student seeks or intends to enroll; to federal, state, and local authorities in connection with an audit or evaluation of compliance with education programs; in connection with financial aid; to organizations conducting studies for or on behalf of educational institutions; to accrediting organizations; in the context of a lawsuit that the student brought against the institution or the institution brought against the student; to parents when a student is a "dependent" for tax purposes; to a victim of an alleged perpetrator of a crime of violence or nonforcible sex offense; to parents of a student under the age of 21 if the student has violated College alcohol or drug laws; and to comply with a judicial order or subpoena. The College is also permitted to disclose information concerning a student's status as a registered sex offender in accordance with state and federal disclosure requirements.

Directory Information: In accordance with FERPA, College policy limits disclosure of personally identifiable information from the educational records of students (with the exception of “directory information”) to those instances authorized by FERPA. In accordance with FERPA, Ithaca College has designated the following list of student information as public or “directory information”: name, address, telephone number, e-mail address, dates of attendance, class, full- or part-time status, previous institutions attended, major field of study, awards, honors (including dean’s list), degrees conferred (including dates), past and present participation in officially recognized sports and activities, physical factors (height and weight of athletes), date and place of birth, and ID pictures. Such information may be disclosed by the College for any purpose, unless specifically requested not to do so by the student.

A currently enrolled student may withhold disclosure of directory information under FERPA by completing a request form available at the Office of Student Affairs and Campus Life (330 Egbert Hall). Directory information will continue to be withheld until the student rescinds this request.

Disclosure of Education Record Information to Parents: An Ithaca College student has the opportunity to declare whether he or she is independent or dependent for income tax purposes on the enrollment confirmation form provided to all incoming first-year and transfer students at the time of their acceptance to Ithaca College. If a student’s status changes, he or she should notify the Office of the Registrar. Ithaca College may disclose information (including grades) from a student’s education records to the parents of an eligible student who claim that student as a dependent for income tax purposes, unless there is a court order, state statute, or other legally binding document prohibiting such disclosure. If a student claims he or she is not a dependent, the parents will need to submit their most recent federal income tax form to the Office of the Registrar as evidence that the student is a dependent.

4. **The right to file a complaint** with the U.S. Department of Education concerning alleged failures by Ithaca College to comply with the requirements of FERPA. The office that administers FERPA is the Family Policy Compliance Office, U.S. Department of Education, 600 Independence Avenue SW, Washington, DC 20202-4605.

A complete copy of the Family Educational Rights and Privacy Act of 1974 is available in the College library. Questions concerning FERPA may be referred to the Office of Student Affairs and Campus Life or the Office of the Registrar. Copies of this policy may be obtained in the Office of Student Affairs and Campus Life.

Student Retention Rates

The third semester retention rate is the percent of entering first-year students who return to the College for their second year. At Ithaca College, 87.0% of the first-year students entering in the fall of 2018 returned in the fall of 2019. For comparison, the mean national rate at similar colleges was 79.9%, per the National Student Clearinghouse *First-Year Persistence and Retention 2018 Beginning Cohort* report.

Another important statistic is the six-year graduation rate of first-time, full-time first-year students who begin in the fall. At Ithaca College, 77.5% of the first-time, full-time students entering in fall 2014 graduated within six years. For comparison, the mean national average at private, non-profit, four-year institutions was 76.7% per the National Student Clearinghouse *Completing College National and State Reports*.

For more information about data at Ithaca College, please visit the Ithaca College Analytics and Institutional Research website (<https://www.ithaca.edu/ir/>).

Sources cited:

- National Student Clearinghouse First-Year Persistence and Retention 2018 Beginning Cohort report (<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fnscresearchcenter.org%2Fwp-content%2Fuploads%2FPersistenceRetention2020.pdf&data=04%7C01%7Ckml9%40ithaca.edu%7C3625f781983f43fd633808d8cee0666c%7Cfa1ac8f65e5448579f0b4aa422c09689%7C0%7C0%7C637486810483485397%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6Ik1haWV%7C1000&sdata=XlmxPiwBpSMfJJ7rdHQjodHS1724C9%2B8T9o9cTyefo%3D&reserved=0>)
- National Student Clearinghouse Completing College National and State Reports (https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fnscresearchcenter.org%2Fwp-content%2Fuploads%2FCompletions_Report_2020.pdf&data=04%7C01%7Ckml9%40ithaca.edu%7C3625f781983f43fd633808d8cee0666c%7Cfa1ac8f65e5448579f0b4aa422c09689%7C0%7C0%7C637486810483485397%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6Ik1haWV%7C1000&sdata=Nj3k3voval1D3V8y57sUOLVnHbXQFcJXXpqRvvt0%3D&reserved=0)

Graduation and Program Regulations

To graduate, students must meet all College, school, and departmental requirements as described in this catalog. Where it is applicable, students must also meet certain specific academic requirements concerning prerequisites, course sequences, teaching options, and special examinations as posted by academic departments. No changes will be made to a student’s academic record after the degree has been conferred, except as allowed under “Grade Changes” (Policy Manual section 7.2.3.6.2 (<https://www.ithaca.edu/policy-manual/volume-vii-students/72-undergraduate-students/723-credit-and-grade-information/>)), “Policy on Grade Disputes” (Policy Manual section 7.2.3.6.3 (<https://www.ithaca.edu/policy-manual/volume-vii-students/72-undergraduate-students/723-credit-and-grade-information/>)), and “Students’ Right to Petition” (Policy Manual section 7.2.4.2 (<https://www.ithaca.edu/policy-manual/volume-vii-students/72-undergraduate-students/724-academic-affairs-information/>)).

Graduation is contingent on the following:

1. Compliance with the regulations of the New York State Education Department regarding the percentage of credit hours in the liberal arts and sciences that must be completed for each kind of degree conferred:
 - Bachelor of arts — 75 percent liberal arts and sciences credits
 - Bachelor of science — 50 percent liberal arts and sciences credits
 - Bachelor of fine arts — 25 percent liberal arts and sciences credits
 - Bachelor of music — 25 percent liberal arts and sciences credits
2. Satisfactory completion of a minimum of 120 credits, including all required courses, plus a cumulative grade point average (GPA) of 2.00. Program requirements may stipulate more than

this minimum; check program listings under the appropriate school.

In general, no more than 6 credits of physical activity, leisure, and safety (PALS) courses, taken as free/open electives, may be counted toward graduation, but some majors allow fewer credits. Check individual program major and school regulations.

3. Registration in a major discipline for at least the semester prior to graduation. If a minor is sought, graduation is contingent on registration for at least the semester prior to graduation.
4. Satisfactory completion of all current New York State requirements for teacher certification, if appropriate. See section below on teacher certification.
5. To be eligible to earn an undergraduate degree at Ithaca College, a minimum of 48.0 semester credits must be completed and applied to the degree at Ithaca College. A minimum of 50% of the required course credits for a major must be earned at Ithaca College.
6. Satisfactory completion by transfer students of at least 48 credit hours at Ithaca College. Program requirements may stipulate more than this minimum; check program listings under the appropriate school. Ithaca College will post degrees at five graduation dates in each academic year:
 - the last day of the first block for the fall semester (October)
 - the last day of final exams for the fall semester (December)
 - the day of Commencement for the spring semester (May)
 - the last day of the first summer session (June)
 - mid- to late August

Teacher Certification

Students who wish to prepare for a teaching career in elementary or secondary schools must comply with the school and department major or “teaching option” regulations. These are based on the requirements for initial certification in New York State. Students planning to teach in states other than New York should consult with the chair of the Department of Education concerning requirements in those states. All students interested in teacher education programs must check with the appropriate department chair or coordinator for further information. Professional certification in New York State requires a graduate degree that is functionally related to a subject field or grade level and a minimum of three years of full-time elementary and/or secondary teaching experience in the candidate’s area of provisional or initial certification.

Certification is not automatic but is awarded only on completion of an approved teacher education program, achieving passing scores on required teacher education exams, and applying for certification from the appropriate state education department. All students applying for New York State certification are required by the New York State commissioner of education to complete a fingerprint-supported criminal history background check prior to certification. Applications for New York State teacher certification can be submitted through the Office of Teaching and Certification, housed in the Department of Education. Learn more on the Department of Education website (<http://www.ithaca.edu/hs/depts/education/cert/>).

Graduation with a Integrative Studies Major

Candidates must satisfactorily complete the specific course of study approved for the integrative studies major by the Integrative Studies Advisory Board, and filed with the registrar, as well as requirements for the degree of bachelor of arts or bachelor of science in the School of Humanities and Sciences. (see Integrative Studies program website (p. 477))

Graduation with a Double Major

Candidates must satisfy all requirements for two major programs that lead to the same kind of degree (that is, two B.A. programs or two B.S. programs, etc.). A double major requires extremely careful planning in order to meet New York State, College, school, and departmental requirements. The Office of the Registrar can advise students on the feasibility of particular combinations. No degree is granted until all requirements for both majors are fulfilled.

Graduation with a Second Baccalaureate Degree

Candidates must complete all course requirements for the second degree and complete at least 30 credits in addition to the credits required for the first degree. Students planning to complete a second baccalaureate degree must first check with the registrar’s office for details on New York State Education Department requirements.

Graduation Honors

Seniors whose cumulative GPA reflects excellent scholarship are awarded their degree cum laude, magna cum laude, or summa cum laude. The cumulative GPA ranges for the three honors designations are listed below. A minimum of 60 credits must be earned at Ithaca College to qualify for this recognition.

Summa cum Laude	3.900 and above
Magna cum Laude	3.700-3.899
Cum Laude	3.500-3.699

"Incomplete" Deadlines for Seniors

Seniors who are planning to count toward their graduation requirements credits for courses in which they have an “incomplete” must observe the appropriate deadline:

Graduation Date	"Incomplete" Removal Date
October	October 1
December	November 1
May	April 15
June	May 30
August	July 15

This deadline in no way invalidates the one-semester rule or faculty-assigned completion dates but is a necessary modification dictated by the need for graduation certification.

Graduate Record Examination

It is imperative that seniors applying for graduate stipends take the Graduate Record Examination (GRE) early in the senior year. Many graduate institutions require GRE results as part of the application for

admission. For information, review the Office of Career Services website (<http://www.ithaca.edu/sacl/careers/>).

Application to Graduate

Candidates for graduation must file an application to graduate. The application must be filed online with the registrar by the specific filing deadline for December, May, or September graduation, as shown in the "Academic Calendar (p. 9)" section of this catalog. To learn more, visit the Office of the Registrar Calendars website (<https://www.ithaca.edu/academics/registrar/academic-calendars/>).

Transcripts

A transcript is the official record, compiled by the Office of the Registrar, of a student's academic career. For each semester, the transcript shows the student's school and major; courses, credits, and grades; semester and cumulative GPAs; and notice of academic suspension or dismissal, leave of absence, or withdrawal. Transfer credit is also recorded, but without grades.

The completed transcript records the degree and major, minor and/or concentration as appropriate, final graduation GPA, and the date the degree was conferred.

Admission to a Major

1. Students who have not registered for a specific major when they enter the College may be admitted to the exploratory category in the School of Humanities and Sciences or the preprofessional category in the School of Health Sciences and Human Performance (if they have a general interest in professions related to health care, sport, or leisure). These two categories are just for advising purposes; they are not major programs and students may remain in them for a limited time only. More detailed information is available in the sections on the two schools.
2. Admission to a major requires written acceptance by the academic dean and the chair of the department that offers the major. A student is not officially registered in a major until a completed registration for the major is on file with the registrar. Registration for the major must be completed by the end of the semester before the semester of graduation.
3. To change majors (and/or schools), students must follow the procedures set out in (2) above. Specific information on application procedures for internal transfers (from one school to another) or for a change of major is published by individual schools and can be obtained from the respective deans.
4. Students who change their major will be bound by the regulations and requirements of the most current catalog year. Students may remain in their original catalog at the discretion of the department chair and dean of the new major. Students who declare a double major must, in consultation with the relevant dean(s) and department chairs(s) select a single catalog year.

Admission to a Minor or Concentration

A minor is a structured plan of study that comprises a minimum of five courses for at least 15 credits. A minor is outside the specific discipline in which the student is majoring.

A concentration is a structured plan of study that comprises a minimum of five courses for at least 15 credits. A concentration is within a student's major discipline.

Admission to a minor or a concentration requires written acceptance by the chair of the department that offers the minor or concentration. A student is not officially registered in a minor or concentration until a completed registration form is on file with the registrar. If that is done and all requirements for the minor or concentration are successfully completed before graduation, the minor or concentration is recorded on the transcript.

Once a student receives a bachelor's degree from Ithaca College, the student's degree transcript is a complete record. The student may return to Ithaca College for further study, but courses taken after the completion of a degree are not eligible to be applied to the requirements of a concentration, emphasis, or minor associated with that degree.

All-College Regulations Specifically for a Major or Minor

1. Certain programs stipulate that some courses required for the major must be taken at Ithaca College. In making such a stipulation, the departments concerned are bound by external accrediting agencies; therefore, students should take note that this policy cannot be waived.
2. Prior approval must be obtained before any course required in fulfillment of a major is taken at another institution (e.g., in summer school) for transfer credit. For information on the procedure to be followed, see the "Credit from External Sources (p. 722)" section.
3. Any course required for either a major or minor program must be taken for a letter grade unless the course is offered only on a pass/fail basis. In this context, required courses are those that are specified as such by number and title or are selected to fulfill a specified number of departmental credits.
4. In the Roy H. Park School of Communications, majors must take all required communications courses, and all outside courses required for the major (including supplemental for a letter grade. The only exceptions are specially designated communications courses, which may be offered on a pass/fail basis, and internships, which are typically pass/fail. Credit for courses that a student has taken pass/fail and passed before becoming a major will be accepted. Credit for courses that a student has taken S/D/F before becoming a major will be accepted as long as the grade is Satisfactory.

Academic Regulations for a Concentration See appropriate program listings under the individual schools.

1. To change majors (and/or schools), students must follow the procedures set out in (2) above. Specific information on application procedures for internal transfers (from one school to another) or for a change of major is published by individual schools and can be obtained from the respective deans.
2. To change majors (and/or schools), students must follow the procedures set out in (2) above. Specific information on application procedures for internal transfers (from one school

to another) or for a change of major is published by individual schools and can be obtained from the respective deans.

Leaves of Absence, Withdrawals, and Readmissions

Learn more about the below dates on the Ithaca College Academic Calendar website (<https://www.ithaca.edu/academics/registrar/academic-calendars/>).

Personal Leave	
(before last day to Withdraw)	Grade of "W" for classes
(after last day to Withdraw)	Grade of "F" for classes
Medical Leave	
(before last day to Withdraw)	Grade of "W" for classes
(after last day to Withdraw)	Grade of "F" for classes until Medical Supporting Documentation Completed
Emergency Leave	
(before last day to Withdraw)	Grade of "W" for classes
(after last day to Withdraw)	Grade of "W" for classes

Leaves of Absence

Students who wish to leave the College for a semester, after which they intend to return, must request a leave of absence. There are three types of leaves of absence – personal, medical or emergency. Students who have been called to active duty military service while enrolled should meet with the designated member of their dean's office, listed on the Leave of Absence or Withdrawal website (<https://www.ithaca.edu/leave-absence-or-withdrawal/>), concerning their leave of absence request, special circumstances and regulations may apply.

If a leave of absence is taken while a student is currently enrolled in classes, that semester is considered to be one semester of the leave.

If a student takes a leave of absence and later is suspended or dismissed for unsatisfactory academic performance, or suspended or expelled as the result of a judicial decision, the sanctions take precedence over all forms of leave of absence and stand as a matter of record. Academic warning becomes operative at the time of return to the College.

The start date of the leave is the day that the student meets with the designated representative in their dean's office, listed on the Leave of Absence or Withdrawal website (<https://www.ithaca.edu/leave-absence-or-withdrawal/>), or in the case of a medical leave of absence, when the student submits a completed application for medical leave of absence form to the Health Center (<https://www.ithaca.edu/hammond-health-center/>).

Students taking a leave of absence who are recipients of federal Title IV financial aid should refer to "Refund Procedure (p. 717)" to determine the implications of that leave for their financial aid program. Any leave of absence may result in the partial or complete loss of tuition dollars for the semester. Questions about individual cases should be directed to the Office of Student Financial Services (<http://www.ithaca.edu/finaid/>). The refund schedule does not change regardless of type of leave. Payment arrangements must be made on outstanding balances or balance must be satisfied within 60 days or the student bill may be sent to collections.

All students who are recipients of federal loans or other student financial aid are required to be counseled by the Office of Student Financial

Services (<http://www.ithaca.edu/finaid/>) to discuss the impact of their leave or withdrawal status with regard to financial aid.

Students who have on-campus housing when applying for a leave of absence are required to live on campus when they return, unless approved to move off campus.

Personal Leave of Absence

Typically, a personal leave of absence may be granted for one semester to students who wish to interrupt their studies at Ithaca College. A personal leave of absence is required for non-affiliated study abroad or a non-attendance period while a student is attending another domestic institution.

Application for a personal leave of absence is handled through student's dean's office. Students should visit their dean's office website or the Leave of Absence or Withdrawal website (<https://www.ithaca.edu/leave-absence-or-withdrawal/>) to make an appointment to begin the Leave of Absence process.

If the student is enrolled in classes, taking a personal leave of absence by the withdrawal deadline date published in the academic calendar results in grades of W (withdrawn) in all courses other than completed block courses. Taking a personal leave of absence after the last date to withdraw as published in the academic calendar results in grades of F in all courses other than completed block courses.

The start date of the leave is the day that the student makes a request with the designated dean's office member in their school, listed on the Leave of Absence or Withdrawal website (<https://www.ithaca.edu/leave-absence-or-withdrawal/>).

Students taking a leave of absence who are recipients of federal Title IV financial aid should refer to "Refund Procedure (p. 717)" to determine the implications of that leave for their financial aid program. Any leave of absence may result in the partial or complete loss of tuition dollars for the semester. Questions about individual cases should be directed to the Office of Student Financial Services (<http://www.ithaca.edu/finaid/>). The refund schedule does not change regardless of type of leave. Payment arrangements must be made on outstanding balances or balance must be satisfied within 60 days or the student bill may be sent to collections.

All students who are recipients of federal loans or other student financial aid are required to be counseled by the Office of Student Financial Services (<http://www.ithaca.edu/finaid/>) to discuss the impact of their leave or withdrawal status with regard to financial aid.

The personal leave of absence allows the student on leave the opportunity to register in advance for the semester of return.

If a student takes a personal leave of absence and later is suspended or dismissed for unsatisfactory academic performance, or suspended or expelled as the result of a judicial decision, the sanctions take precedence over a personal leave of absence and stand as a matter of record. Academic warning becomes operative at the time of return to the College.

Students on a personal leave of absence who decide not to return to Ithaca College should contact the designated member of their dean's office, listed on the Leave of Absence or Withdrawal website (<https://www.ithaca.edu/leave-absence-or-withdrawal/>), to apply for a withdrawal or a continuation of leave. The date of separation for the personal leave of absence will be used as the date of separation for the withdrawal.

Students must move out of on-campus housing and will have their College ID card invalidated within seven days of approval of the personal leave of absence. Students who have on-campus housing when applying for a personal leave of absence are required to live on campus when they return, unless approved to move off campus (<https://www.ithaca.edu/residential-life/housing-and-room-selection/off-campus-application-process/>).

Students are not eligible to participate in student employment effective the date of the personal leave of absence and for the duration of their leave.

Students who do not return after the specified personal leave of absence period and who do not apply for a withdrawal are administratively withdrawn, and the last day of attendance will be considered the date the personal leave of absence began. Students who have been withdrawn from the College are required to reapply in order to return to the College. In such instances, there is no guarantee of readmission or reinstated institutional financial aid.

Medical Leave of Absence

Students who must leave the College because of medical or psychological conditions that necessitate their extended absence may request a medical leave of absence for up to two semesters. Students may begin the Medical Leave of Absence process by contacting Brandi Riker (briker@ithaca.edu) at briker@ithaca.edu or the designated Hammond Health Center (<https://www.ithaca.edu/hammond-health-center/>) representative.

Applications for medical leave for the current semester must be submitted to the Hammond Health Center (<https://www.ithaca.edu/hammond-health-center/>) no later than the last day of classes as published in the academic calendar. Students with significant medical/psychological issues that arise during the final exam period can follow the Students' Right to Petition for an exception as outlined in the college catalog (<https://catalog.ithaca.edu/undergrad/academic-information/academic-affairs/>). If an appeal is approved during finals week, students must take a medical leave of absence for the following semester as well.

If a student's effective date for the medical leave of absence is within the last two weeks of the current semester, they must take the current semester and the subsequent semester (two semesters total) as a medical leave.

Documentation of the serious nature of the medical/psychological condition must be provided by a certified medical or mental health professional to Hammond Health Center (<https://www.ithaca.edu/hammond-health-center/>) in order for the application to be complete. Approval must be given by either the Medical Services Director of the Hammond Health Center (<https://www.ithaca.edu/hammond-health-center/>) or the Director of Counseling and Psychological Services.

The start date of leave is the date when the student submits a completed Application for Medical Leave of Absence form. A Medical leave is finalized once all supporting documentation is received and approved. For more information, please contact Brandi Riker (briker@ithaca.edu) or the designated Hammond Health Center (<https://www.ithaca.edu/hammond-health-center/>) representative.

Continuation of Medical Leave

Students who were initially approved for one semester of medical leave and who need to continue their medical leave of absence MUST request

a second semester by contacting the Health Center or they will be administratively withdrawn from the College.

Extending the medical leave beyond two semesters requires written approval from the student's primary major Dean's Office sent to Brandi Riker (or the designated Hammond Health Center (<https://www.ithaca.edu/hammond-health-center/>) representative). Extensions of medical leave must be requested before the start of the semester for which the student is requesting the extension.

When a medical leave of absence is granted, the course grade in all courses for which the student is registered will become a W (withdraw) other than completed block courses.

After the Semester Withdraw deadline, if a medical leave of absence application is submitted without the supporting medical documentation, the initial grades posted will be F (fail). The initial grades of F will be updated to W (withdraw) when the supporting medical documentation is submitted to the Hammond Health Center.

Medical Leave and Financial Aid Implications

Students who were initially approved for one semester of medical leave and who need to continue their medical leave of absence MUST request a second semester by contacting the Health Center or they will be administratively withdrawn from the College. Extending the medical leave beyond two semesters requires written approval from the student's primary major Dean's Office sent to Brandi Riker (briker@ithaca.edu) (or the designated Hammond Health Center representative (<https://www.ithaca.edu/hammond-health-center/>)). Extensions of medical leave must be requested before the start of the semester for which the student is requesting the extension.

When a medical leave of absence is granted, the course grade in all courses for which the student is registered will become a W (withdraw) other than completed block courses.

Students taking a medical leave of absence who are recipients of federal Title IV financial aid should refer to "Refund Procedure (p. 717)" to determine the implications of that medical leave for their financial aid program. A medical leave of absence may result in the partial or complete loss of tuition dollars for the semester. Questions about individual cases should be directed to the Office of Student Financial Services (<http://www.ithaca.edu/finaid/>). The refund schedule does not change regardless of type of leave. Payment arrangements must be made on outstanding balances or balance must be satisfied within 60 days or the student bill may be sent to collections.

All students who are recipients of federal loans or other student financial aid are required to be counseled by the Office of Student Financial Services (<https://www.ithaca.edu/tuition-financial-aid/>) to discuss the impact of their leave or withdrawal status with regard to financial aid.

Students must move out of on-campus housing and will have their College ID card invalidated within seven days of approval of the medical leave of absence. Students are not eligible to participate in student employment effective the date of the medical leave of absence and for the duration of their medical leave.

Students who have on-campus housing when applying for a medical leave of absence are required to live on campus when they return, unless approved to move off campus, found on the off-campus application process website (<https://www.ithaca.edu/residential-life/housing-and-room-selection/off-campus-application-process/>).

A student will not be able to register for classes or select on-campus housing until the student has been approved to return from a medical leave of absence. If the medical leave is approved after a student has registered for classes or for on campus housing for the subsequent semester, those class registrations and/or housing assignments will also be cancelled.

Students who want to return from a medical leave of absence must contact Hammond Health Center (<https://www.ithaca.edu/hammond-health-center/>) to request an application to return, which includes the required supporting documentation from a treating medical or mental health professional. This documentation must indicate that the medical and/or psychological condition has been addressed, that the student is able to function safely as a member of the College community, and that the student is capable of resuming study at the College. The application is completed by both the student and the medical or mental health professional to ensure the appropriate information is received by Ithaca College. This application must be received before the readmission deadline for the corresponding semester.

Furthermore, this documentation should provide the nature and duration of treatment, and any recommendations for ongoing care once the student has returned to campus. The College reserves the right to request additional information from treating professionals or other sources in order to make an adequate individualized review. All information collected will become part of the student's health and counseling record at the College and as such will remain confidential. Completed applications for return to campus must be received on or before December 1 to return for the Spring semester, July 1 to return for the Fall semester, and May 1 to return for the Summer semester. Approval to return must be given by the Medical Services Director of the Hammond Health Center (<https://www.ithaca.edu/hammond-health-center/>) or by the Director of Counseling, Health and Wellness.

If a student does not return after the medical leave of absence and does not request an extension, the student will be administratively withdrawn from the College and must go through a medical and academic readmission process in order to return. In such instances, there is no guarantee of readmission or reinstated institutional financial aid.

Emergency Leave of Absence

Students who must leave the College on urgent personal grounds that necessitate their absence for a semester, such as death or a serious illness in the immediate family, may request an emergency leave of absence. Documentation of the serious nature of the emergency must be provided.

Applications for emergency leave of absence are available from the dean's office designated representative of the student's school, listed on the Leave of Absence or Withdrawal website (<https://www.ithaca.edu/leave-absence-or-withdrawal/>).

When an emergency leave of absence is granted during the course of the semester, the course grade is normally a W (withdrawn) in all courses other than completed block courses unless the student initiates and receives appropriate approval for incompletes (I). Students have a maximum of one semester after their return to remove a grade of I.

Students taking a leave of absence who are recipients of federal Title IV financial aid should refer to "Refund Procedure (p. 717)" to determine the implications of that leave or withdrawal for their financial aid program. Any leave of absence may result in the partial or complete loss of tuition dollars for the semester. Questions about individual

cases should be directed to the Office of Student Financial Services (<http://www.ithaca.edu/finaid/>). The refund schedule does not change regardless of type of leave. Payment arrangements must be made on outstanding balances or balance must be satisfied within 60 days or the student bill may be sent to collections.

All students who are recipients of federal loans or other student financial aid are required to be counseled by the Office of Student Financial Services (<https://www.ithaca.edu/tuition-financial-aid/>) to discuss the impact of their leave or withdrawal status with regard to financial aid.

The start date of the leave is the day that the student meets with their school's designated member of the dean's office, listed on the Leave of Absence or Withdrawals website (<https://www.ithaca.edu/leave-absence-or-withdrawal/>).

Students on an emergency leave of absence who decide not to return to Ithaca College should contact the dean's office for their school to apply for a withdrawal. The date of separation for the leave of absence will be used as the date of separation for the withdrawal.

Students who do not return after the emergency leave of absence and do not extend it or apply for a withdrawal are administratively withdrawn from the College. In such instances, the withdrawal date will be considered the date the leave of absence began. Students who have withdrawn from the College must go through the readmission process in order to return to the College. In such instances, there is no guarantee of readmission or reinstated institutional financial aid.

Continuation of Leave

Federal policy regarding approved leaves of absence requires the College to report students who do not return to active enrolled status as withdrawn from the institution. However, students who wish to keep their records active pending their return to the College after an absence of more than one semester may do so by applying for continuation leave. Students must apply for a continuation leave no later than July 1 for the Fall semester and December 1 for the Spring semester.

Students on continuation leave must be reported as withdrawn for federal aid eligibility and repayment purposes. Students on continuation leave may be required to begin repayment of their student loans during their leave if the federal period of deferral has expired.

All students who are recipients of federal loans or other student financial aid are required to be counseled by the Office of Student Financial Services (<https://www.ithaca.edu/tuition-financial-aid/>) to discuss the impact of their leave or withdrawal status with regard to financial aid.

Requests for a continuation of a personal leave must be made to the designated member of the dean's office for the student's school, listed on the Leave of Absence or Withdrawal website (<https://www.ithaca.edu/leave-absence-or-withdrawal/>), before the start of the semester for which the student is requesting the extension. To make the request for continuation of a personal leave, students must meet with the designated member of the dean's office for their school.

Students who may require a third consecutive semester of personal leave of absence, must complete an application for a continuation leave of absence with the designated member of the dean's office for their school, listed on the Leave of Absence or Withdrawal website (<https://www.ithaca.edu/leave-absence-or-withdrawal/>). A third consecutive semester of personal leave of absence is not guaranteed. Requests for a third semester of personal leave of absence must be made to the

designated member of the dean's office for the student's school, listed on the Leave of Absence or Withdrawal website (<https://www.ithaca.edu/leave-absence-or-withdrawal/>), before the start of the semester for which the student is requesting the extension.

Students who do not return after the continuation leave and do not apply for a withdrawal are administratively withdrawn from the College. In such instances, the date of separation for the original regular leave will be used as the date of separation for the withdrawal. Students on a regular or administrative withdrawal must go through the readmission process in order to return. In such instances, there is no guarantee of readmission or reinstated institutional financial aid.

Withdrawals

Students who wish to leave the College and do not wish to return should withdraw officially from the College. There are three types of withdrawals: personal, medical, and administrative.

Students who are on any type of Withdrawal cannot live on campus and cannot take part in any campus-sponsored activities. Examples of campus-sponsored activities include, but are not limited to, club sports, student organizations, and music organizations.

A student who leaves campus during a semester without completing the proper forms will receive grades of F in all courses except completed block courses.

Students who were living on campus before their withdrawal will be required to live on campus after readmission, unless approved to move off campus, found on the off-campus application process website (<https://www.ithaca.edu/residential-life/housing-and-room-selection/off-campus-application-process/>).

Personal Withdrawal

Students who wish to leave the College and do not wish to return should withdraw from the College. Applications for withdrawal are handled by the Leave of Absence and Withdrawal Committee. Students should visit their dean's office website or the Leave of Absence or Withdrawal website (<https://www.ithaca.edu/leave-absence-or-withdrawal/>) to request an appointment to begin the Personal Withdrawal process.

Official withdrawal by the last date to withdraw as published in the academic calendar results in grades of W in all courses other than completed block courses; official withdrawal after the date published in the academic calendar results in grades of F in all courses other than completed block courses.

The start date of the withdrawal is the day that the student meets with the designated member of the dean's office in their school, listed on the Leave of Absence or Withdrawal website (<https://www.ithaca.edu/leave-absence-or-withdrawal/>).

If a student plans to withdraw and is later suspended or dismissed for unsatisfactory academic performance, or suspended or expelled as the result of a judicial decision, the sanctions take precedence over a regular withdrawal and stand as a matter of record. Academic warning becomes operative in the event that the student is readmitted to the College.

Students taking a personal withdrawal who are recipients of federal Title IV financial aid should refer to "Refund Procedure (p. 717)" to determine the implications of that withdrawal for their financial aid program. A personal withdrawal may result in the partial or complete loss of tuition dollars for the semester. Questions about individual

cases should be directed to the Office of Student Financial Services (<http://www.ithaca.edu/finaid/>). The refund schedule does not change regardless of type of leave. Payment arrangements must be made on outstanding balances or balance must be satisfied within 60 days or the student bill may be sent to collections.

All students who are recipients of federal loans or other student financial aid are required to be counseled by the Office of Student Financial Services (<https://www.ithaca.edu/tuition-financial-aid/>) to discuss the impact of their leave or withdrawal status with regard to financial aid.

Students who wish to return to the College after a withdrawal must follow the procedures for readmission (<https://www.ithaca.edu/registrar/docs/studentforms/readmit/>). Readmission to the College is not guaranteed nor is readmission to the major in which they were enrolled at the time of withdrawal. All students who are readmitted after a withdrawal must comply with the degree program requirements in effect at the time of readmission. There is no guarantee of reinstated institutional financial aid for readmitted students.

Administrative Withdrawal

Students are administratively withdrawn by the College if:

1. they have not registered for classes by the end of the add/drop period of any semester;
2. they have not returned to the College when the approved period of leave of absence has expired and have not applied for a continuation leave or withdrawal; or
3. they have not returned at the time specified after academic or disciplinary suspension, and the period of suspension has not been extended.

The date of withdrawal for students who are administratively withdrawn is the last date of academic activity as determined by the College.

Students who have been administratively withdrawn from the College must follow the procedures for readmission listed below. Readmission to the College is not guaranteed. Readmission to the College is not guaranteed nor is readmission to the major in which they were enrolled at the time of withdrawal. All students who are readmitted after a withdrawal must comply with the degree program requirements in effect at the time of readmission. There is no guarantee of reinstated institutional financial aid for readmitted students.

Procedure for Return or Readmission to College

Students who wish to return to the College after regular withdrawal, administrative withdrawal, or academic or disciplinary suspension must apply through the Office of the Registrar by July 1 for return in the fall semester or December 1 for return in the spring semester. Application forms (<https://www.ithaca.edu/registrar/docs/studentforms/readmit/>) can be obtained from the Office of the Registrar. Students who wish to return after medical withdrawal must also apply for readmission through the health center.

Students who wish to return from a medical leave of absence need only to apply for readmission through the health center.

Students are required to submit the application form by the above deadlines. All supporting evidence (including official transcripts from all colleges attended since leaving Ithaca College) must be submitted so that it can be reviewed in a timely manner. In cases of medical leave of

absence or medical withdrawal, documentation substantiating readiness to return to College is required.

Involuntary Leave of Absence Policy

This policy is meant to be invoked only in extraordinary circumstances, when a student is unable or unwilling to request a voluntary leave of absence or a voluntary medical leave of absence and when such a leave may be necessary to protect the safety of that student and/or others, or the integrity of the College’s learning environment. This would include such situations as unresolved, ongoing, or serious suicidal threats; self-starvation of a life-threatening nature; or serious threats of harm to others. Before an involuntary leave is considered, efforts will be made to encourage the student to take a voluntary leave, thus preserving, to the extent possible, confidentiality and privacy.

The policy and procedures for an involuntary leave of absence do not take the place of disciplinary actions that are in response to violations of the Student Conduct Code, nor do they preclude the removal or dismissal of students from the College as a result of such violations.

Placing a Student on Involuntary Leave of Absence

The Provost and Vice President for Educational Affairs, or designee, may be alerted to a student’s threatening behavior from a variety of sources on campus (residential life, public safety, health center, a faculty or staff member, the student’s adviser, etc.). If the vice president deems it appropriate, these procedures will be initiated.

1. The Provost and Senior Vice President for Academic Affairs, or designee, will notify the student that an involuntary leave is under consideration.
2. The Provost and Senior Vice President for Academic Affairs, or designee, will discuss with the student the implications of and procedures relating to an involuntary leave of absence. A copy of this policy will be provided to the student. Whenever possible and appropriate, the Provost and Senior Vice President for Academic Affairs, or designee, will encourage the student to take a voluntary leave of absence or a voluntary medical leave of absence, thereby eliminating the need to complete the process for an involuntary leave.
3. The Provost and Senior Vice President for Academic Affairs, or designee, will confer as feasible and appropriate with the following individuals or their designees regarding the need for an involuntary leave of absence:
 - dean or associate dean of the student’s school
 - Vice President for Student Affairs and Campus Life or Dean of Students
 - director of health services
 - director of counseling center
 - director of residential life and judicial affairs (for on-campus students)
 - director of public safety
4. During these consultations, these individuals will pay particular attention to the criteria for invoking an involuntary leave, especially whether the student engages in, or is judged likely to engage in, behavior that poses a danger of causing harm to him/herself or others, or that disrupts the learning environment.
5. The Provost and Senior Vice President for Academic Affairs, or designee, may require a student to undergo a psychological and/or physical evaluation if they believe it will facilitate a more informed decision. The student’s refusal or failure to undergo

- such evaluation will not affect the College’s right to invoke and apply this policy. In this event, a final decision will be made without benefit of this information.
6. Following these consultations, the Provost and Senior Vice President for Academic Affairs, or designee, will make a final decision regarding the involuntary leave of absence and must provide written notice of this decision to the student.

If an involuntary leave is imposed, the Provost and Senior Vice President for Academic Affairs, or designee, will inform the student of the decision, as well as the specific requirements for reenrollment. If an involuntary leave is not imposed, the Vice President for Student Affairs and Campus Life or Dean of Students, or designee, may impose other conditions and/or requirements under which the student is allowed to remain at the College.

Implications of an Involuntary Leave of Absence

Leave in effect	Until the student complies with the specific requirements for reenrollment outlined by the Provost and Senior Vice President for Academic Affairs, or designee
Duration of leave	Typically, no fewer than two semesters, although the specific length of leave will be determined on a case-by-case basis
Student must leave campus	Within the time period set forth by the Provost and Senior Vice President for Academic Affairs, or designee
Student may visit campus	Only as authorized in writing by the Provost and Senior Vice President for Academic Affairs, or designee, for the duration of the leave
Notification	The Provost and Senior Vice President for Academic Affairs, or designee, reserves the right to notify a parent, guardian, or other person, if notification is deemed appropriate. In addition, the parent, guardian, or other person may be asked to make arrangements for the safe removal of the student from the College environment.
Transcript notation	"Withdrew"

Financial Obligations

A student on an involuntary leave of absence may still have certain financial obligations. For more information, refer to “Explanation of Charges (p. 707).”

Request for Reenrollment

A formal request for reenrollment after an involuntary leave of absence must be submitted to the Provost and Senior Vice President for Academic Affairs, with a copy sent to the dean of the student’s school. The student’s reenrollment request will be reviewed by the Provost and Senior Vice President for Academic Affairs, or designee, who, with the dean of the student’s school, must approve the reenrollment.

When a medical or psychological condition forms the basis of the involuntary leave, the student will be notified in writing of the required

procedures for reenrollment. In this circumstance the Provost and Senior Vice President for Academic Affairs, or designee, may consult with the director of health services and/or the director of the counseling center in deciding whether to approve the student's request to reenroll.

Responsibilities

The major responsibilities each party or designee has in connection with an involuntary leave of absence are as follows:

Student	Abide by the decision made by the Provost and Senior Vice President for Academic Affairs, or designee, to take an involuntary student leave of absence. Submit a formal request for reenrollment to the College after an involuntary student leave of absence, if the student wishes to reenroll.
Dean of student's school	With the Provost and Senior Vice President for Academic Affairs, or designee, approve or deny requested reenrollment of a student.
Director, health services, and director, counseling and wellness	Communicate with the Provost and Senior Vice President for Academic Affairs, or designee, if there is a reason to believe that the student's health or safety or another student's safety is at high risk, and that an involuntary leave of absence might be appropriate. When requested, consult with and advise the Provost and Senior Vice President for Academic Affairs, or designee, concerning the student's need for involuntary leave and readiness for reenrollment, as permitted by the legal and ethical requirements for medical/psychological privacy.
Provost and Senior Vice President for Academic Affairs	Consult with designated administrators to formulate a plan for and provisions of a student's involuntary leave of absence. Communicate to the student the outcome of the proceedings and the terms of the involuntary leave of absence. With the dean of the student's school, approve or deny requested reenrollment of a student.

Registration and Course Information

In addition to the courses listed in this catalog, others may be offered on an experimental basis. Details are published in the online Student Information System (Homer) for the semester they are given.

Advance Registration

Enrolled students must register in advance for courses they wish to take the following semester. Admission to a course depends on the availability of seats when the student registers; therefore, failure to

participate in the advance registration process jeopardizes the student's chance of obtaining desired courses.

Proof of high school graduation or the equivalent is required of all incoming students before online course registration for the students' second semester. A hold that prevents students from registering for their second semester classes will be placed on their records until proof of high school graduation or the equivalent is received by the college.

The College reserves the right to refuse registration or to dismiss after registration any student whose presence would, in the judgment of College officials, be detrimental to the College's interests.

Class schedules at the time of registration are as accurate as possible, but the College reserves the right to cancel courses or alter schedules as needs dictate. It is the student's responsibility to verify the accuracy of their course schedule prior to the end of the add/drop period.

Permission of Instructor

When "permission of instructor" is listed as a prerequisite in a course description, it indicates that admission to the course is based on an assessment by the instructor of the student's academic preparation for the course. Students must obtain the instructor's permission before registering for the course.

For all other courses, students who believe they have preparation equivalent to the listed prerequisites may seek the instructor's permission to be admitted. This permission should be obtained prior to registering for the course.

Health Certification

Before the first day of classes, every new student (first-year, transfer, or returning adult) is required to complete and submit health certification information to the College health service. This information includes the New York State immunization requirements, a health history form, and any other immunizations required by the College. Entrance medical requirements are submitted electronically to the Hammond Health Center via a secure web portal that is linked from the health center's web page. Students who do not comply with this requirement will not be allowed to remain on campus and their course registrations will be canceled. In the event that a student does not receive directions for submitting this information, they may contact the College health center for assistance, or visit the Health Certifications website (<http://www.ithaca.edu/sacl/healthcenter/>) for instructions. Hepatitis-B immunization is recommended and may be required for students in athletic training, occupational therapy, and physical therapy before clinical fieldwork/affiliations.

Semester Course Load

Full-time status requires that a student enroll for a minimum of 12 credits in a semester. A student may enroll for as many as 18 credits each semester without being charged extra tuition. To enroll for more than 18 credits, students must have written approval from their dean. Billing for the additional tuition will occur at the end of the add/drop period.

Part-time status for degree candidates requires written approval from the student's dean. Part-time students who are not degree candidates should contact the Office of Extended Studies for registration information.

Block Courses

Courses that meet for only half a semester are called block courses. Block I courses meet for the first seven weeks of a semester. Block II courses meet for the final seven weeks of a semester. The add/drop period for a block course extends for only the first week of the block. Final examinations in block courses are normally given during the last class meeting, not during the final examination period for the semester.

Placement Tests

All entering students are requested to take a series of tests that are used for placement and guidance purposes. These tests may include a writing sample, a reading comprehension test, or a language placement test. A mathematics placement examination is required of all first-year and transfer students. All students entering the School of Music must also take placement tests in music theory and keyboard musicianship.

Course Levels

The letter prefix indicates the department or discipline that offers the course. The first digit of the five-digit group after the prefix indicates the course level:

- Level-1 and level-2 courses are generally appropriate for first-year and sophomore students.
- Level-3 and level-4 courses are generally appropriate for juniors and seniors.

Most courses except those at level 1 have prerequisites.

Level-5 courses are graduate courses. Seniors may be permitted to take a level-5 course if they

- have successfully completed 90 or more credits in an undergraduate program;
- have a cumulative grade point average of 3.00 or higher;
- have the approval of the course instructor, undergraduate adviser, graduate adviser, graduate chair, and dean of the particular school. The petition form for seniors to take graduate-level courses is available on the Registrar's Office website under Student Forms.

Level-5 courses may be taken for either undergraduate or graduate credit. If taken for undergraduate credit, the courses are not applied to the master's degree. If taken for graduate credit, the courses are not applied to the bachelor's degree.

Independent Studies, Internships, and Tutorials

In addition to regular classroom or laboratory instruction, more specialized or individual kinds of study are offered in the form of independent studies, internships, or tutorials. The maximum number of credits earned through internship may not exceed 12, whether attained in a full-semester program or in smaller units during different semesters. Students who wish to enroll for this kind of credit should consult the appropriate school guidelines (available through their dean's office). Also, they should check the academic program information of the school in which the credit would be awarded to see whether there are any specific guidelines mandated by the school. While transfer credit for these experiences is not generally accepted, students may consult with the Dean's office in their school for additional information.

Period for Add/Drop

The add/drop regulations also apply to changing instructors or the number of credits for which a student is enrolled in a variable credit course.

Students may add or drop a semester course within seven calendar days (plus Labor Day) from the start of the semester. No add/drop will be accepted after that date.

At the end of the add/drop period, bills of full-time students who enroll for more than 18 hours will be adjusted for the hours actually enrolled. Although a student may withdraw after this point (a grade of W will show on the transcript), no refund will be given for a reduction in the number of credit hours. If an audit later in the semester indicates that the student's enrollment exceeds the number of credits for which the student has been billed, a supplemental bill will be issued to cover the deficiency.

Students who change from full-time to part-time status must do so by the end of the add/drop period in order to receive a refund. An application form for part-time study is available in the Office of the Registrar. No refunds are made to part-time students after the end of the add/drop period.

Students who change from full-time to part-time status may forfeit their right to on-campus housing and financial aid.

Although faculty members have the option of dropping students from class for nonattendance (see below), it is the student's responsibility to drop a course that they do not plan to attend.

When a student withdraws or is withdrawn from a course, a grade of W will show on the student's transcript.

Faculty Right to Remove Students from a Course

Students must follow the usual add/drop/withdrawal procedures; however, faculty members have the right to remove a student from a course in accordance with official College policy, as follows:

1. An instructor can drop any student on their roster if s/he does not attend the first class meeting of the semester and fails to notify the instructor in advance that s/he cannot attend the class; and/or
2. for nonattendance after the first full week of classes (or after the first class meeting of a physical activity, leisure, and safety [PALS] course) if the student has made no contact with the faculty member; and/or
3. any time a student violates the written rules for remaining in good standing in the course.

See the "Attendance Policy (p. 737)" section below for information on absences due to religious beliefs.

Faculty action to remove a student from a course is not automatic and will be undertaken at the discretion of the faculty member. During the first week of class, students may be removed from the course. In weeks 2-10, a grade of W will be recorded. Students should not rely on faculty members to remove or withdraw them from courses.

Withdrawal from a Course

Students may withdraw from a course after the add/drop period and before the beginning of the last third of the course. Thus, for a block

course, a student may withdraw during weeks 2-5 and for a semester course during weeks 2-10.

When a completed withdrawal form has been submitted to the Office of the Registrar, a grade of W is entered on the student's transcript. A student must file a fully completed withdrawal form in the Office of the Registrar no later than the last day of the withdrawal period.

The deadline dates for withdrawal are indicated on the academic calendar for each semester. Withdrawal after the deadline date will be recorded as an F on the student's transcript.

Students who cease attending a course without having *officially* dropped or withdrawn from it are required to pay the course tuition. Withdrawal from a course does not result in a waiver of the tuition due for that course.

Audit Policy

There are two ways for Ithaca College degree-seeking students to audit courses at Ithaca College:

1. To audit the course for personal interest or for review of certain segments of the course material (no record on transcript), the student must obtain the instructor's permission to attend the class.
2. To have the audited course appear on the academic transcript with the notation "AU," the student must
 - obtain permission of the instructor;
 - pay tuition at the rate of 10 percent of the current undergraduate per credit tuition charge (except when tuition is waived because the student is paying full-time tuition) plus any additional special fee that may be required;
 - follow the instructor's requirements for auditors, including rules in regard to attendance.

Students may not change their registration enrollment from audit to a letter grade. All audits are dependent on space availability. No tuition-paying student will be deprived of a place in a course as a result of a place being provided to an auditor.

Audits are not counted as credit toward graduation or calculated in GPA. Auditing is not permitted during summer or winter sessions.

Extramural (nondegree-seeking) students may audit courses at Ithaca College. However, to have the audited course listed on the transcript (as "AU"), the extramural student must register through the Office of Extended Studies during the first week of semester classes. The audit fee is 10 percent of the current undergraduate per credit tuition charge.

Attendance Policy

Students at Ithaca College are expected to attend all classes, and they are responsible for work missed during any absence from class. At the beginning of each semester, instructors must provide the students in their courses with written guidelines regarding possible penalties for failure to attend class. These guidelines may vary from course to course but are subject to the following conditions:

- In accordance with Federal Law, students with a disability documented through Student Accessibility Services (SAS) may require reasonable accommodations to ensure equitable access. A student with an attendance accommodation, who misses a scheduled course time due to a documented disability, must be provided an equivalent opportunity to make up missed

time and/or coursework within a reasonable time-frame. An accommodation that affects attendance is not an attendance waiver and no accommodation can fundamentally alter a course requirement. If a faculty member thinks an attendance-related accommodation would result in a fundamental alteration, concerns and potential alternatives should be discussed with SAS.

- In accordance with New York State law, students who miss class due to their religious beliefs shall be excused from class or examinations on that day. The faculty member is responsible for providing the student with an equivalent opportunity to make up any examination, study, or work requirement that the student may have missed. Any such work is to be completed within a reasonable time frame, as determined by the faculty member.
- Any student who misses class due to a family or individual health emergency or to a required appearance in a court of law shall be excused. If the emergency is prolonged or if the student is incapacitated, the student or a family member/legal guardian should report the absence to the Dean of Students or the Dean of the academic school where the student's program is housed. Students may consider a leave of absence, medical leave of absence, selected course withdrawals, etc., if they miss a significant portion of classwork.

A student may be excused for participation in College-authorized co-curricular and extracurricular activities if, in the instructor's judgment, this does not impair the specific student's or the other students' ability to succeed in the course.

For all absences except those due to religious beliefs, the course instructor has the right to determine if the number of absences has been excessive in view of the nature of the class that was missed and the stated attendance policy.

Students should notify their instructors as soon as possible of any anticipated absences.

Course Examinations

Midterm

It is College policy that by the midpoint of each semester all students be evaluated in each course in which they have enrolled. The method of evaluation is to be determined by each faculty member. This assessment is reflected in a midterm grade submitted to the Office of the Registrar in accordance with the schedule published by that office. The only exception to this policy is in those block courses that conclude in half a semester.

Deans and directors deal with this policy as it relates to the individual faculty members and courses within their school.

End of Semester

A final examination or its equivalent must be given in each course. All final examinations, whether cumulative or unit, or their equivalent, must be given at the time scheduled by the Office of the Registrar during final examination week. There are to be no final examinations or their equivalent given during the last week of classes each semester. Any exceptions to this policy must be approved in advance by the dean of the academic unit in which the course is being offered.

Note: Faculty requests for exceptions to this policy must be received by the appropriate dean no later than November 1 and April 1 for the fall and spring semesters, respectively.

Students who find themselves required by the schedule to take three examinations in one day may choose to take the middle examination at another time. Students who wish to do this must inform the appropriate instructor as soon as possible, but no later than the last scheduled class, so that a mutually acceptable alternative time may be arranged. If such an arrangement cannot be worked out, the student should contact the dean's office of the school in which the course is offered.

Student activities are not usually scheduled during final examination dates. Any unusual circumstances of this nature will be dealt with on an individual basis.

Student Information

- Student Responsibilities (p. 738)
- Equity in Athletics (p. 738)
- Online Student Complaint Process (p. 738)
- Residence Off-Campus Policy (p. 738)

Student Responsibilities

A student's behavior must not interfere with the activities of the College or with other students' pursuit of educational objectives. Any behavior on the part of individual students or groups that endangers the health or safety of the College community will not be tolerated. Standards of conduct designed to protect the rights of all members of the College community and preserve the functioning of the College as an educational institution are published in the "Student Conduct Code" section of the student handbook (<http://www.ithaca.edu/sacl/handbook/>) and in the rules and regulations section of the Office of Judicial Affairs website (<http://www.ithaca.edu/sacl/judicial/>).

Equity in Athletics

Under the Equity in Athletics Disclosure Act of 1994 (PL 103-382), Ithaca College is required to disclose annually certain information concerning the College's intercollegiate athletics program. This information, based on the previous reporting year, is available for inspection upon request by students, prospective students, and the public in the office of the Director of Athletics and Recreational Sports, 120B Athletics and Events Center, and in the office of the Senior Woman Administrator, 120J Athletics and Events Center. Data is also available on the Equity in Athletics Data Analysis website (<https://ope.ed.gov/athletics/#/>).

Online Student Complaint Process

Students taking online courses from a location outside of New York State, if they have a complaint or issue not resolved through Ithaca College's internal procedures, may also have access to a process available through their home state. To learn more about a specific set of policies by state, please review the NC-SARA State Authorization Guide website (<https://nc-sara.org/guide/state-authorization-guide/>).

Residence Off-Campus Policy

Ithaca College is a residential college. The College recognizes the developmental value of a residentially based education and believes that residence hall living is a key component of a student's overall educational

experience. For these reasons, students on campus throughout their undergraduate years. Students are required to live on campus for their first, second, and third years unless they apply for and receive off-campus approval from the Office of Residential Life. Priority for housing selection and off-campus approval is based upon the number of semesters a student has been at Ithaca College.

Senior Status

A student with senior year status is considered exempt from the residence policy. Under current housing processes, a senior is a student who has completed six or more semesters at the start of the fall semester. Seniors who relinquish their senior exempt status by selecting campus housing may later request to live off campus for their final semester at Ithaca by submitting a written request to the Office of Residential Life. Students who move off campus without the written approval of the Office of Residential Life will be billed for room and board charges.

Off Campus Release

The College remains committed to maintaining fully occupied residence halls. Recognizing that over-occupied residence halls can negatively affect the community, if housing projections for an upcoming academic year indicate that the residence halls will be over-occupied, a limited off-campus application process may be conducted. The process would be for non-seniors and for seniors who have relinquished their senior year exempt status. Students should not sign off-campus lease agreements in anticipation of being approved to live off campus. The Office of Residential Life may offer one off campus process each fall to grant off campus approval for the following academic year. There are no provisions for exceptions to the off campus policy. At any time, a student living off campus may request to return to campus housing. These requests will be reviewed and approved on a space-available basis.

Special Considerations

The following student must resume their previous housing status (i.e., campus resident or off-campus status) upon return to campus unless they have senior-year exempt status and have not relinquished that status as detailed above:

- Readmitted students
- Students returning from the Ithaca study-abroad programs
- Students from Ithaca College programs in Los Angeles, Washington, NYC
- Student teaching
- Internships
- Leave of absence

Married students, students in domestic partnerships or civil unions, students who are 23 years of age or older, incoming transfer students who have previously been enrolled at a college for at least two years, students with dependents, and students who meet the criteria for being a commuter student as defined by the College's commuter policy (see section 7.5.1.1 below), are not required to live in College-provided housing. Students who meet the exempt criteria and opt to live on campus must remain on campus for the entire academic year.

Occasionally, the demand for housing by incoming students or returning students may exceed the capacity of our residence halls. In this event, students may be assigned to temporary accommodations or the Office of Residential Life may require a consolidation of spaces. Readmitted

students to housing may be notified that on-campus housing is not available for them.

If a student has documented special needs, the Office of Residential Life will make every effort to provide the most appropriate on-campus housing assignment, in consultation with Student Accessibility Services or other appropriate college offices.

Commuter Policy

Commuting status is granted to a student who wishes to commute to Ithaca College from the home of their parent or legal guardian. The parent /guardian's address must be within a 60-mile driving distance of Ithaca College. Students seeking commuter status must complete a commuter request application (available via IC Workflow), and submit the appropriate proof of their parent/guardian's address. Commuters must receive written approval from the Office of Residential Life to be released from room and board charges. Students who cease to meet the criteria for commuter status will be required to reside on campus and will be billed for appropriate room and board charges. Any student who misrepresents themselves as a commuter student may be subject to disciplinary action under the Student Conduct Code and may be billed for room and board charges.

Part-time Students

Undergraduate students who are not enrolled full-time (i.e., for at least 12 credits per semester) at Ithaca College may be subject to removal from the residence halls at the discretion of the Office of Residential Life. However, dropping to part-time status does not automatically make a student exempt from living on campus. Any questions regarding part-time status should be directed to the Office of Residential Life.

Board Requirements (Meal Plan)

All students residing in College housing facilities (except for apartments in the Quads and the Circle and Garden Apartments) must participate in the College meal plan. A commuter meal plan is also available to apartment residents and off-campus students. Students who have special dietary needs should contact Dining Services.

General Information

- Academic Services (p. 739)
- Health Center (p. 741)
- Office of Public Safety & Emergency Management (p. 741)

Academic Services

Faculty Advising

Effective academic advising is an essential component of an Ithaca College education. The College community is committed to providing the individual support, advice, and direction that students need to explore life and career goals and to develop educational plans. This advising relationship, as a collaborative, ongoing conversation, transcends mere course selection and attempts to assist all students as they explore academic programs, experience college life, focus on a major, and prepare for a lifetime of learning, citizenship, and service in a global community.

Each student is assigned a faculty advisor from their school or division. The faculty advisor maintains advisee records and provides information on major, minor, and graduation requirements. The advisor also refers the student to appropriate persons or offices when extra assistance

is needed and can help locate information on academic policies, procedures, and deadlines. In addition to meeting with their faculty advisors during registration periods, students should actively seek their advisors' assistance before academic problems develop. By working closely with their faculty advisors, students can be better informed about the wide range of educational opportunities available at the College. The most productive and enjoyable student-advisor relationships develop with frequent interaction and open communication.

Student Accessibility Services

Ithaca College seeks to ensure that all students have access to its programs and activities. Student Accessibility Services assists students in accessing reasonable accommodations and in determining which accommodations are appropriate.

Reasonable accommodations may include, but are not limited to, testing modifications, academic accommodations such as note-taking support, adaptive technology, materials in alternate format, special housing arrangements and referral for other support services.

The Office of Employee Relations and Equity Compliance oversees the College's compliance with the Americans with Disabilities Act of 1990 (ADA).

For additional contact and location information, visit the Student Accessibility Services website (<http://www.ithaca.edu/sas/>) or call 607-274-1005.

Tutoring Services

Tutoring is available to all Ithaca College students free of charge through Tutoring Services. We assign tutors on a first-come, first-served basis.

We have a standard list of course offerings each semester, but may be able to provide assistance in other courses as well.

We call our peer tutors Learning Coaches, because they can coach you through challenging course material. Endorsed by faculty and selected for their academic strength, our coaches use a variety of strategies designed to help you learn and enhance your critical thinking skills.

To ensure their competence, we require our Learning Coaches to complete a training course based on standards set forth by the College Reading and Learning Association (<https://www.crla.net/>) and other national organizations.

Tutoring Services is also home to the Emerging Academic and Professional Leaders Program. This learning community offers academic assistance, professional development, and cultural support to students from diverse backgrounds in all majors.

For more contact and location information, visit the Tutoring Services website (<https://www.ithaca.edu/tutoring/>).

Orientation

The Office of New Student and Transition Programs coordinates the Ithaca College orientation programs for students and their family members. These programs provide much of the necessary information for incoming students to complete a smooth transition to the Ithaca College community. During orientation students meet with an academic advisor, register for first-semester classes, and learn about academic procedures, support services, and resources available to them. Students and family members also engage in a variety of programs and activities facilitated by the orientation leaders and orientation staff during their

time on campus. On the College's receipt of the enrollment deposit, students receive information about signing up for summer orientation. Further information can be obtained by visiting the New Student & Transition Programs website (<http://www.ithaca.edu/sacl/new-student/>).

Special Academic Opportunities

Qualified students can pursue special prestigious academic opportunities such as the Rhodes Scholarship, Truman Scholarship, Barry M. Goldwater Scholarship, Minority Leaders Fellowship Program, and the All-USA College Academic Team recognition. For information on the institutional nomination process and other details, contact the Office of the Provost. Students interested in the Barry M. Goldwater Scholarship should contact the Office of the Dean in the School of Humanities and Sciences.

Multicultural Academic Programs

The Ithaca Achievement Program (IAP) is a community of learners dedicated to personal and academic success. African American, Latino American, Native American, and Asian American (ALANA) students who choose to participate in this academic program receive academic support and career assistance tailored to meet their needs. They take part in a wide variety of educational, cultural, social, and community service activities to enhance their success. Students may join the IAP as entering first-year students or as rising sophomores or juniors. IAP participants who obtain or maintain an annual grade point average of 3.00 or better and complete all program requirements may be eligible to receive an Ithaca Achievement Grant, renewable each year, to reduce the loan portion of their financial aid packages.

The Martin Luther King Jr. (MLK) Scholar Program is open to academically talented students from ethnic and racial backgrounds that have been historically underrepresented in American higher education. Scholars receive up to full tuition in aid every year, with a minimum merit-based scholarship of \$25,000. MLK scholar awards are renewable annually. MLK scholars are expected to:

- maintain a cumulative B+ average;
- participate in community service each semester;
- live in the Housing Offering Multicultural Experience (HOME) program, the College's residential multicultural living learning community, during their first year;
- be eligible to travel with the program;
- complete a three-year independent research learning proposal;
- produce a leadership E-portfolio reflecting on service, travel, and leadership experiences;
- and participate in all required programs, including orientation, seminars, and meetings, and in at least 80 percent of other planned events and activities.

Library

The primary mission of the Ithaca College library is to enhance teaching and learning through the provision of flexible, diverse, and user-centered information services and resources. The library staff strives to create an organization that is receptive to change, recognized for efficient management, and committed to user service and satisfaction. Librarians provide research assistance via text, chat, and in-person consultations. LibQuest, a web-based app, introduces students to library resources and services. Instructional workshops focusing on introductory and advanced research in subject areas are offered across the campus. Course-related reserve materials are also available in print and

electronically. The Library facility is organized to support a variety of user needs, with group study and quiet/silent study zones on individual floors.

In consultation with faculty and students, librarians develop a collection of materials in print, audio, video, film, and electronic formats, accessible through the library's online research portal. The current collection contains approximately 308,000 monograph volumes, 165,900 e-books, 34,415 visual and audio recordings selected to meet the teaching and research needs of students and faculty. The library provides access to 72,000 serial publications via print subscriptions and online via over 100 databases. A web-based interlibrary loan service provides access to materials not owned by the library. The Digital Commons @IC highlights the scholarly work of students and faculty.

The library facility is open 24/5 (Sunday - Thursday) during the academic semesters, providing a comfortable and welcoming space for students to work collaboratively or individually in a wireless environment. Dining Services offers a grab-and-go lunch service and beverage service during the academic semesters. The library has a collection of wireless laptop computers (Macs and PCs) and tablet pc's which circulate within the library and for on-campus use. The library also loans pocket HD camcorders, Blu-ray drives, power cords, chargers, etc. for student use. A Digital Media Lab provides space for students to create and edit multimedia projects that incorporate graphic design, audio, and video elements. Students are able to collaborate on projects and refine presentations. A Flash Studio is set up for recording podcasts and creating other media projects. Digital-audio reserve services, workstations equipped with a full suite of software applications, public scanners, and enhanced electronic journal collections are additional technology-enhanced services. Networked color and black & white printing are available via walk-up release stations. Librarians provide research assistance via text, chat, and in-person consultations.

The library staff is committed to continually improving its services, resources, and facilities, maintaining a community dialogue on its website and purchasing new resources in response to user requests. For current information on library services and resources, visit the Ithaca College Library website (<http://www.ithaca.edu/library/>).

Writing Center

The Writing Center, located on the ground floor of Smiddy Hall, serves all students who wish to become better writers. It offers individual and small group tutorials to students needing assistance at any stage of the writing process in any discipline, from brainstorming ideas to revising drafts for clarity, coherence, correctness, and documentation of sources. Assistance is also offered in improving reading comprehension and refining written English skills for international students.

Information Technology

All computers in the library, classrooms, campus computer labs, and other College facilities are supported by the Information Technology office. Every school in the College offers courses that include computing. Students studying such diverse topics as music theory, developmental psychology, finance, physical therapy, or writing will find opportunities to use computers for class. An extensive collection of programming languages, data analysis packages, and business programs supports the curriculum.

The IT staff consists of an associate vice president and approximately 65 full-time professional employees. Members of the staff provide free

workshops and consulting services to Ithaca College students, staff and faculty.

Information Technology supports student computer facilities located all over the campus, containing more than 650 computers on a campus-wide network. This includes Macintosh and Windows computer classrooms, along with a number of open-access labs staffed by student consultants. The largest and most popular facility is the computer complex on the first floor of Friends Hall. Friends 110 lab is open 24 hours a day, and the others are open from early morning to late at night throughout the school year. All Ithaca College students automatically receive a Netpass account for accessing email and other IC systems.

Ithaca College has partnered with Apogee, who provides reliable, high-speed wired and wireless (MyResNet) internet service in residence halls.

To learn more about contact and location information, visit the IT website (<https://www.ithaca.edu/it/>).

Health Center

The Hammond Health Center serves the individual and collective health care needs of the Ithaca College community by providing comprehensive primary care medical services for students, including preventive health and urgent care. In addition, the health center responds to the public health needs of the campus community and provides both individual and community education. Committed to providing students with excellent and highly accessible clinical services in an inviting, respectful, and confidential environment, the center strives to promote healthy life choices, to educate students about their illnesses, promote consumer competency, and to dialogue and partner with students in providing their medical care.

The Hammond Health Center adheres to the general principles and standards of ethical conduct endorsed by the American College Health Association:

- to do no harm, provide service in a caring manner;
- respect autonomy, protect privacy;
- maintain competence, promote justice; and
- respect diversity.

The Ithaca College student health service is fully accredited by the Accreditation Association for Ambulatory Health Care.

To learn more about open hours, contact information, and student insurance, please review the Hammond Health Center website (<https://www.ithaca.edu/hammond-health-center/>).

Office of Public Safety & Emergency Management

The Office of Public Safety & Emergency Management (Public Safety) is located in the Center for Public Safety and General Services and is operational 24 hours per day, 7 days per week, year round. The Communications Center is staffed by a Public Safety member at all times and can be reached by dialing 911 from any campus phone or by calling (607) 274-3333.

Public Safety is a full service public safety provider with responsibility for campus safety, campus crime awareness, and campus crime prevention and education. Public Safety is a well-trained team inclusive of uniformed campus police officers and state-certified security officers. In addition to

patrol and security operations (to include Investigations), Public Safety is comprised of Parking Services, Environmental Health & Safety, and Student Auxiliary Safety Patrol (SASP). Areas of responsibility include:

- emergency response,
- fire safety,
- crime prevention programming,
- special event staffing,
- providing safety escorts,
- repository for lost and found,
- administering vehicle assistance,
- and managing vehicular and traffic control on campus.

For a comprehensive view of services provided, visit the Public Safety website (<http://www.ithaca.edu/safety/>).

In compliance with federal requirements mandated by the *Jeanne Clery Disclosure of Campus Security Policy and Campus Statistics Act* [20 USC 1092(f)], Public Safety is responsible for preparing, publishing and distributing an annual security report by October 1 of each year, for the purpose of disclosing and disseminating certain information regarding campus crime statistics, security policies and campus law enforcement. Information mandated by this Act and included in the **College's Annual Security and Fire Safety Report** include important statements about:

- campus law enforcement policies;
- campus security education and prevention programs;
- alcohol and drug policies;
- domestic violence;
- dating violence;
- sexual violence;
- sexual assault education and prevention programs;
- procedures for reporting domestic violence and sexual assault/sexual violence;
- procedures for handling reports of sexual assault and domestic violence;
- and, victim advocacy information, to include services and resources available both on and off campus.

To view the publication electronically, visit the Office of Public Safety and Emergency Management security reports website (<http://www.ithaca.edu/safety/docs/AnnualSecRep/>), or you may request a hard copy via phone or walk-in to Public Safety. The crime statistics for Ithaca College (also contained in the annual security report) are submitted to the U.S. Department of Education (ED) through a web-based data collection system and can be viewed on the US Department of Education Campus Safety and Security website (<http://ope.ed.gov/campusafety/#/>).

SHARE (Sexual Harassment and Assault Response and Education)

Sexual Harassment and Assault Response and Education at Ithaca College: Ithaca College offers a multitude of sexual harassment and sexual assault programs and initiatives specifically designed to maximize education, awareness, prevention, intervention and community engagement. With the expansion of federal guidelines on sexual assault, campus-wide efforts are ongoing to further expand and diversify existing programming and education in target areas such as:

- domestic violence,
- dating violence,
- stalking,
- victim's rights,
- victim advocacy,
- bystander intervention,
- medical care,
- and counseling and confidentiality (such as crime reporting and resources both on and off campus).

For a comprehensive look at sexual harassment and sexual assault response and education (SHARE) visit the SHARE website (<http://www.ithaca.edu/share/>).

Reporting Crime and Other Emergencies (for Police, Fire and Medical Assistance)

In the event of an emergency on campus, contact Public Safety immediately. Dial 911 from any campus phone or call (607) 274-3333. Additionally, emergency phones are strategically located throughout the campus and are readily identifiable (by a blue light), offering immediate and direct contact with the Public Safety Dispatcher. **We strongly encourage the campus community to immediately report any unusual or suspicious persons, vehicles, activities or circumstances. Don't wait! Don't hesitate!**

Be Ready! Be Safe!

All campus community members are urged to become familiar with the Emergency Readiness and Response Guide which can be viewed and downloaded from the Emergency Readiness and Response Planning website (<https://www.ithaca.edu/emergency/docs/>).

Parking Services

Parking Services is a division of Public Safety and is responsible for all matters pertaining to parking and vehicle registration, including issuing parking permits to students, staff and visitors; enforcing parking rules and regulations on campus; and assisting with special events and other parking needs for visitors to campus. While most parking services are available online, to include vehicle registration/parking permit purchases and citation payment, the Parking Services customer service counter remains open during College business hours to provide assistance to the campus community. College parking areas are patrolled regularly by parking enforcement staff, student patrols, patrol and security officers, and EH&S staff for the deterrence of crime and enforcement of parking rules and regulations. After hours parking emergencies should be directed to Public Safety (Communications) at (607) 274-3333. For detailed information on parking and vehicle registration visit the Parking Services website (<http://www.ithaca.edu/safety/parking/>).

Faculty and Administration

A

Jonathan Ablard, *Professor - BA (Oberlin College), MA (Virginia State University), PHD (University of New Mexico)*

Derek Adams, *Associate Professor - BA (California State University: Bakersfield), MA (University of Arizona), PHD (University of Arizona)*

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Susan Allen, *Professor - BS (St. Lawrence University), MS (Duke University), PHD (Oregon State University)*

Kyle Armbrust, *Assistant Professor - BM (Juilliard School), MM (Juilliard School)*

Sumru Atuk, *Assistant Professor - BA (Bogazici University), MA (Bogazici University), PhD (City University of New York)*

Stewart Auyash, *Associate Professor - BS (University of Pittsburgh); PhD (Penn State University Park)*

Emily Avera, *Assistant Professor - BA (Pomona College), Mphil (University of Cape Town), MA (Leiden University), MA (Brown University), PhD (Brown University)*

B

Wonyul Bae, *Associate Professor - BA (DanKook University); BS (University of Utah); PhD (Indiana University)*

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Brandy Bessette-Symons, *Associate Professor - BS (St. Lawrence University), MA (Xavier University), PHD (Syracuse University)*

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Diane Birr, *Professor - DMA (University of Rochester's Eastman School of Music)*

Les Black, *Associate Professor - BA (University of Western Ontario), PhD (Yale University)*

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Matt Thomas, Associate Professor - BA (Cornell University), MS (University of Arizona), PhD (University of Arizona)

Don Tindall, Professor - BA (Central College), MFA (Purdue University)

Michael Titlebaum, Associate Professor - BM (University of Rochester's Eastman School of Music), MM (University of Rochester's Eastman School of Music)

Andrew Torelli, Assistant Professor - BSc BSc (State University of New York - College at General), PhD (University of Rochester)

Stephen Tropiano, Professor - BS (Ithaca College); MA (New York University); PhD (University of Southern California)

Michael Trotti, Professor - BA (Virginia Commonwealth University), MA (University of North Carolina: Chapel Hill), PHD (University of North Carolina: Chapel Hill)

Mike Truesdell, Assistant Professor - BM (Lawrence University), DMA (Juilliard School) MM (Juilliard School)

Doug Turnbull, Associate Professor - BSED (Princeton University), MS (University of California: San Diego), PHD (University of California: San Diego)

Mary Turner DePalma, Professor - BA (University of Pennsylvania), PhD (Cornell University)

U

Scott Ulrich, Associate Professor - BS (Temple University), PHD (Princeton University)

Andrew Utterson, Associate Professor - BA (University of Kent at Canterbury), MA (University of London), PhD (University of London)

V

Rhonda Vanover, Assistant Professor - MFA (Pacific Northwest College of Art)

Gladys M. Varona-Lacey, Professor - BA (Wells College), MA (University of Pittsburgh), PhD (University of Pittsburgh)

Leigh Ann Vaughn, Professor - BA (Smith College), MA (University of Michigan, Ann Arbor), PhD (University of Michigan, Ann Arbor)

Daniel Visscher, Assistant Professor - BA (St. Olaf College), PhD (Northwestern University)

John Vongas, Assistant Professor - BS (McGill University); MS (Concordia University, John Molson School of Business); PhD (Concordia University, John Molson School of Business)

Justine Vosloo, Associate Professor - BS (Southeastern Louisiana University); MA (West Virginia University); MS (West Virginia University); PhD (West Virginia University)

W

Rachel Wagner, Professor - BA (Hendrix College), MA (Wake Forest University), PhD (University of Iowa)

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Jana Waller, *Assistant Professor - BA (SUNY, University at Albany), BS (University of Washington), MS (Ithaca College)*

Ivy B Walz, *Interim Dean - BM (Ithaca College), MM (Ithaca College), DMA (University of Cincinnati)*

Jack Wang, *Associate Professor - BS (University of Toronto), MFA (University of Arizona), PhD (Florida State University)*

Zenon Wasyliv, *Professor - BA (State University of New York: Binghamton), MAT (State University of New York: Binghamton), MA (State University of New York: Binghamton), PHD (State University of New York: Binghamton)*

Susan Waterbury, *Professor - BM (Ohio State University, Columbus), MM (University of Cincinnati), MM (University of Rochester's Eastman School of Music)*

Marc Webster, *Associate Professor - BM (Ithaca College), DMA (University of Rochester's Eastman School of Music), MM (University of Rochester's Eastman School of Music)*

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John White, *Associate Professor - BM (University of Northern Colorado), BM (University of Northern Colorado), MM (Ithaca College), PHD (Indiana University: Bloomington)*

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Paul Wilson, *Associate Professor - BA (Whitman College), MA (University of Minnesota: Twin Cities), PHD (University of Minnesota: Twin Cities)*

John Winslow, *Associate Professor - MS (Old Dominion University)*

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Deborah Wuest, *Professor - BS (SUNY, Cortland); EDD (Boston University); MS (Indiana University)*

Y

Jim Yaggie, *Professor - BS (University of Toledo); MS (University of Toledo); PhD (University of Toledo)*

Cory Young, *Associate Professor - BA (Bowling Green State University), MA (Bowling Green State University), PhD (Bowling Green State University)*

Courtney Young, *Assistant Professor - BFA (New York University), MFA (Penn State University Park Campus)*

Osman Yurekli, *Professor - PhD (University of California)*

Z

Stacia Zabusky, *Associate Dean for Curriculum and Undergraduate Programs - AB (Harvard), MA, PhD (Cornell)*

Christopher Zemliauskas, *Assistant Professor - BM (Ithaca College), MM (University of Minnesota)*

Daniel Zimmerman, *Assistant Professor - BA (Western Washington University), MFA (New York University)*

Patricia Zimmermann, *Professor - BA (University of Iowa); MA (University of Wisconsin, Madison); PhD (University of Wisconsin, Madison)*

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- David W. Sass '57, Parent '83

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Dana Professors (with Dana tenure)

- Stephen Sweet, BA, MA, Ph.D (2017 sociology)
- Jean Hardwick, BA, Ph.D (2017 biology)
- Luke Keller, BA, MA, Ph.D (2016 physics & astronomy)
- Abraham Mulugetta, MBA, Ph.D (2016 finance & international business)
- Michael Malpass, BA, MA, Ph.D (2008 anthropology)

Dana Professor Emeriti - Retired

- Michael Twomey, BA, MA, Ph.D (2007 Humanities & Arts)
- Vicki Cameron, BA, Ph.D (2003 natural sciences/math)
- Joel Savishinsky, BA, Ph.D (1997 social sciences)
- Imre Tamas BS, MS, PhD (1996 natural sciences)
- Dana Wilson, BA, MA, Ph.D (1994 music)
- Raquib Zaman, BA, MA, Ph.D (1987 business)
- John Harcourt, A.B., M.A., Ph.D (1977 Humanities & Arts)
- Pamela Gearhart, Diploma, (1977 music)
- Harvey Fireside, MA, Ph.D (1977 social sciences)
- Robert Pasternack, BA, MS, Ph.D (1976 natural sciences)

Professor Emeriti (2021)

- Asma Barlas, BA, MA, MA, PhD; Professor Emeriti of Politics
- Carla Golden, BA, MA, PhD; Professor Emeriti of Psychology
- Bruce Henderson, BS, MA, PhD; Professor Emeriti of Communication Studies
- Fahri Unsal, BS, MS, PhD; Professor Emeriti of Marketing/Law
- Stephen Lahr, BS, PhD; Professor Emeriti of Physical Therapy

Professor Emeriti (2020)

- Greg Bostwick, BFA, MFA; Professor Emeriti of Theatre Arts
- Dan Briotta, BA, MS, Ph.D; Associate Professor Emeriti of Physics and Astronomy
- Bruce Thompson, BA, MS, Ph.D; Associate Professor Emeriti of Physics and Astronomy
- Verna Brummett, BME, MME; Professor Emeriti of Music Education
- Frank Campos, BA, MM, DMA; Professor Emeriti of Performance Studies
- Kim Dunnick, BM, MM, DM; Professor Emeriti of Performance Studies
- Steve Mauk, BME, MM, DM; Professor Emeriti of Performance Studies
- Gordon Stout, BM, MM; Professor Emeriti of Performance Studies
- Gary Sforzo, BS, MS, Ph.D; Professor Emeriti of Exercise Science and Athletic Training

Professors Emeriti (Prior to 2020)

- Vicki L. Cameron - B.A., Ph.D., Charles A. Dana Professor Emerita, 2011
- Nancy Hirschland Ramage - B.A., M.A., Ph.D., Charles A. Dana Professor Emerita of Art History, 2008
- Joel Savishinsky - B.A., Ph.D., Charles A. Dana Professor Emeritus of Anthropology, 2009
- Joy Adams - B.A., M.F.A., Professor Emerita of Art, 2012
- Justin Alexander - B.S., M.A., Ph.D., Professor Emeritus of Physical Therapy, 1995
- Mara Alper - B.A., M.A., Associate Professor Emerita of Television-Radio, 2019
- Mary I. Arlin - B.S., M.M., Ph.D., Professor Emerita of Music, 2008
- Douglas H. Armstrong - B.A., M.A., Ph.D., Professor Emeritus of Modern Languages & Literatures, Spanish, 2011
- Jules R. Benjamin - B.A., M.A., Ph.D., Professor Emeritus of History, 2010
- William R. Bergmark - B.A., Ph.D., Professor Emeritus of Chemistry, 2005
- David Berman - B.M., M.M., Professor Emeritus of Music, 1991
- John Bernard - B.S., M.S., Ph.D., Professor Emeritus of Biology, 2002
- John Bracewell Jr. - B. Mus. Ed., M.A., Ph.D., Professor Emeritus of Theatre Arts, 2010
- Mildred I. Brammer - B.A., M.S., Ph.D., Professor Emerita of Biology, 2001
- Garry L. Brodhead - B.M., M.M., Ph.D., Professor Emeritus of Music, 2008
- Richard W. Brown Jr. - A.B., M.A., Ph.D., Professor Emeritus of History, 2010
- Stephen C. Brown - B.S., M.M., Professor Emeritus of Music, 2011
- Dorothy Buerk - B.S., M.A., Ph.D., Professor Emerita of Mathematics, 2004
- Stephen Clancy - B.A., J.D., Ph.D. Professor Emeritus of Art History, 2016

- Jeff Claus - B.A., M.A., Ph.D., Professor Emeritus of Education, 2015
- Jodi Cohen - B.A., M.A., Ph.D., Professor Emerita of Communication Studies, 2013
- John M. Covert - Performer's Certificate of Music, B.M.E., M.M., Professor Emeritus of Music, 1997
- Mary Ann Covert - B.M., M.A., Professor Emerita of Music, 1997
- Richard E. Creel - B.A., M.Div., M.A., Ph.D., Professor Emeritus of Philosophy-Religion, 2004
- Donald Eckrich - B.A., M.B.A., D.B.A., Professor Emeritus of Marketing, 2019
- Zillah Eisenstein - B.A., Ph.D., Professor Emeritus of Politics, 2013
- Howard Erlich - B.A., M.A., Ph.D., Professor Emeritus of Communication Studies, 2017
- Andrew Ezergailis - A.B., M.A., Ph.D., Professor Emeritus of History, 2009
- Mark Fonder - B.M., M.S., Ed.D., Professor Emeritus of Music Education, 2017
- Françoise P. Gebhart - B.A., M.A., Professor Emerita of Modern Languages and Literatures, French 2011
- Charles C. Grace - B.A., M.A., Ph.D., Professor Emeritus of English, 2011
- Joseph L. Hamilton - B.A.-Ed., M.S., Dir. P.E., Professor Emeritus of Physical Education, 1982
- Sandra Herndon - B.A., M.A., Ph.D., Professor Emerita of Corporate Communications, 2008
- Stephen Hilbert - B.S., Ph.D., Professor Emeritus of Mathematics, 2015
- Roger Hinderliter - B.B.A., A.M., Ph.D., Professor Emeritus of Economics, 2016
- Jack Hrkach - B.A., M.A., Ph.D., Professor Emeritus of Theatre Arts, 2014
- Barbara Johnson - A.B., M.A., Ph.D., Professor Emerita of Anthropology, 2012
- Normal Johnson - B.F.A., M.A., Ph.D., Associate Professor Emeritus of Theater Arts, 2019
- Jane Kaplan - B.A., Ph.D., Professor Emerita of Modern Languages and Literatures, French, 2010
- Martha M. Kelsey - B.A., M.S., Professor Emerita of Health and Physical Education, 1988
- Heinz Koch - B.S., M.S., Ph.D., Professor Emeritus of Chemistry, 2009
- John Maceli - B.S., M.S., Professor Emeritus of Mathematics, 2014
- John Krout - B.A., M.A., Ph.D., Professor Emeritus of Gerontology, 2012
- Jonathan Laskowitz - B.A., M.A., Ph.D., Associate Professor Emeritus of Sociology, 2019
- Patricia Libby - B.S., M.B.A., Ph.D., Associate Professor Emerita of Accounting, 2019
- Frederick Madden - B.A., M.A., Ph.D., Professor Emeritus of English, 2012
- Sabatino Maglione - B.A., M.A., Ph.D., Professor Emeritus of Modern Languages and Literatures, Spanish
- Aniello Massa - B.S., M.B.A., CPA, Professor Emeritus of Accounting, 1997
- Linda M. McBride - B.A., M.A., Ph.D., Professor Emerita of Psychology, 2010
- Paul W. McBride - A.B., M.A., Ph.D., Professor Emeritus of History, 2010
- Earl McCarroll - B.A., M.A., Certificate, Professor Emeritus of Theatre Arts, 2010
- Arthur McCue - B.F.A., M.F.A., Professor Emeritus of Art
- David S. McKeith - B.A., M.A., Ph.D., Professor Emeritus of History, 2010
- Susanne Morgan - B.A., M.A., Ph.D., Professor Emerita of Sociology, 2012
- Henry G. Neubert Jr. - B.M., M.M., Professor Emeritus of Music, 2008
- Tom Nicholson - B.A., M.A., Associate Professor Emeritus of Television-Radio, 2019
- Dani Novak - B.A., M.A., Ph.D., Professor Emeritus of Mathematics, 2015
- Arthur E. Ostrander - B.A., M.M., Ph.D., Professor Emeritus of Music, 2011
- Michael A. Pagliarulo - B.A., M.A., Ed.D., Professor Emeritus of Physical Therapy, 2013
- John R. Pavia - A.B., A.M., Professor Emeritus of History, 2005
- Jack Peck - B.A., M.S., Ph.D., Professor Emeritus of Psychology, 2014
- Marjorie S. Porterfield - B.S., M.M., Professor Emerita of Music, 2008
- James Frederick Pritt - B.S., M.A., Ed.D., Professor Emeritus of Theatre Arts, 2010
- Sarah Rich - B.S., M.A., Ph.D., Professor Emerita of Recreation & Leisure Studies, 2012
- Mary Ann Rishel - B.A., M.A., M.F.A., Professor Emeritus of Writing, 2010
- Megan Roberts - B.A., M.F.A., Associate Professor Emerita of Media Arts, Sciences and Studies, 2019
- Eric Robinson - B.A., M.A., Ph.D., Professor Emeritus of Mathematics, 2014
- Anne Rodda - B.A., M.A., Professor Emerita of Modern Languages and Literatures, German, 2011
- John W. Rosenthal - B.S., Ph.D., Professor Emeritus of Mathematics, 2019
- Ahren J. Sadoff - B.S., Ph.D., Professor Emeritus of Physics, 2004
- Jan Saltzgaber - B.A., M.A., Ph.D., Professor Emeritus of History, 2001
- Richard Schissel - B.S., M.S., Ph.D., Professor Emeritus of Speech-Language Pathology and Audiology, 2017
- Lucille A. Schmieder - A.B., M.S., Professor Emerita of Biology, 2001
- George Schuler - B.A., M.S., Ph.D. Professor Emeritus of Psychology, 2011
- Diane Driscoll Schwartz - A.B., M.A. Ph.D., Professor Emerita of Mathematics, 2008
- Stephen Schwartz - B.A., M.A., Ph.D., Professor Emeritus of Philosophy and Religion, 2009

- Kent Scriber - B.S., M.S. Ed.D., Professor Emeritus of Exercise and Sport Sciences, 2016
- Steven Seidman - B.S., A.M., M.S., Ph.D., Professor Emeritus of Strategic Communication, 2013
- Arno Selco - A.B., M.A., M.A., Professor Emeritus of Theatre Arts, 2010
- Bruce Smith - B.Sc., M.Sc., Ph.D., Professor Emeritus of Biology, 2017
- Paulen A. Smith - A.B., M.S., Ph.D., Professor Emeritus of Physics, 2009
- Charles Spencer - A.B., Ph.D., Professor Emeritus of Physics, 2007
- Martin Sternstein - B.A., Ph.D., Professor Emeritus of Mathematics, 2017
- James Swafford - B.A., M.A., Ph.D., Associate Professor Emeritus of English, 2019
- Joseph F. Tempesta - B.A., M.A., Ph.D., Professor Emeritus of History, 2010
- E. William Terwilliger - A.B., M.A., Ph.D., Professor Emeritus of English, 1994
- Garry L. Thomas - B.A., M.A., Professor Emeritus of Anthropology, 2008
- Steven R. Thompson - B.S., M.S., Ph.D., Professor Emeritus of Biology, 2004
- Sarah Trenholm - B.A., M.A., Ph.D., Professor Emerita of Communication Studies, 2013
- Glenn Vogel - B.S., M.S., Ph.D., Professor Emeritus of Chemistry, 2006
- Jane Vogel - B.A., M.A., Ph.D., Professor Emerita of English, 2012
- Susan Weisend - B.A., B.F.A., M.F.A., Professor Emerita of Art, 2019
- Wenmouth Williams - B.S., M.S., Ph.D., Professor Emeritus of Television-Radio, 2019
- Dana Wilson - B.A., M.A., Ph.D., Professor Emeritus of Music Theory, History, and Composition, 2017
- M. Raquibuz Zaman - B.A., M.A., Ph.D., Professor Emeritus of Finance and International Business, 2017

- B.S. (University of West Florida), M.S. (Alabama A&M), Ph.D. (Indiana Institute of Technology)

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Laurie Koehler, *Vice President for Enrollment Management*

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- *under construction*

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- B.A. (Mount Union College); M.A. (Ohio State University); Ph.D. (Syracuse University)

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Bryan Roberts, *Associate Dean*

- B.A., M.S. (University of Connecticut)

Nigel Martin, *Director of Technical Operations*

- B.A. (Howard University)

The information below is current as of June 4, 2021.

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Christina Moylan, *Associate Dean*

- B.S. (Cornell University); M.H.S., Ph.D., (Johns Hopkins)

School of Humanities and Sciences

Melanie Stein, *Dean*

- A.B. (Harvard); M.S., Ph.D. (Cornell), Dean

Stacia Zabusky, *Associate Dean for Faculty Development and Administration*

- A.B. (Harvard); M.A., Ph.D. (Cornell)

Brendan Murday, *Associate Dean for Faculty and Special Initiatives*

- B.A. (William and Mary); Ph.D. (Syracuse)

Amy O'Dowd, *Assistant Dean for Student Services*

- B.S. (Colorado State University); M.Ed. (Colorado College)

School of Music

Ivy Walz, *Interim Dean*

- B.M. (Ithaca College); M.M. (Ithaca College); D.M.A. (University of Cincinnati)

Academic enrichment services

Yolanda Clarke, *Manager*

- B.A. (Louisiana, Monroe); M.Ed. (Pennsylvania State)

Student Accessibility Services

Ian Moore, *Manager*

- B.A. (University at Buffalo), M.S. (Nazareth College, Rochester)

Office of access, opportunity, and achievement

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- B.S. (SUNY Brockport), M.S.W. (Syracuse)

Center for Faculty Excellence

Gordon Rowland, *Director*

- M.M (Ithaca College), Ph.D. (Indiana University)

Library

Karin Wikoff, *Interim College Librarian*

- B.A. (Wells College), M.A. (Cornell University), M.L.S (Syracuse University)

James Bondra Jr., *Business Librarian*

- B.S., M.S. (SUNY, Buffalo), M.L.S. (SUNY, Buffalo)

Ron Gilmour, *Web Services Librarian*

- B.A. (Florida State), M.S., M.L.S. (North Carolina)

Laura S. Kuo, *Health Sciences Librarian*

- B.A., M.L.S. (McGill University), M.P.A. (CUNY, Baruch)

Catherine Michael, *Communications Librarian*

- B.A., M.L.S. (Rutgers)

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- B.A. (University of Pennsylvania); M.Ed. (Temple University)

religious and spiritual life

Hierald Edgardo Osorto, *Executive Director of Student Equity and Belonging and Religious and Spiritual Life*

- M.Div (Austin Theological Seminary)

Center for Counseling and psychological services

Brian Petersen, *Center for Counseling and Psychological Services Director*

- Psy.D. (Massachusetts School of Professional Psychology)

J. David Hammond Health Center

Ellyn P. Sellers-Selin, *Physician*

- B.A. (Hartwick), M.D. (SUNY, Buffalo),

Andrew R. Getzin, *Medical Director for Athletic Teams*

- B.A. (Amherst); M.D. (NJ Medical School),

Fnu Seemant, *Physician*

- M.D. (LLRM Medical College)

Melissa Dhundale, *Physician*

- B.A. (University of Vermont); M.D. (SUNY Downstate)

Colin Dauria

- M.D. (SUNY Buffalo)

Intercollegiate Athletics and Recreational Sports

Susan Bassett, *Director*

- B.S. (Ithaca), M.S. (Indiana)

Will Rothermel, *Associate Director*

- B.S. (St. Michael's), M.Ed. (Old Dominion)

Erienne Roberts, *Associate Director*

- B.A., J.D. (Duquesne)

Chris Hayes, *Tennis*

- B.S. (Ithaca College)

Johan Dulfer, *Volleyball*

- M.S. (University of Groningen), M.S. (Minnesota)

Karrie Moore, *Women's Lacrosse*

- B.S. (University of Pennsylvania)

Tracey Houk, *Field Hockey*

- B.A. (North Carolina), M.S. (Ohio)

Jeffrey J. Long, *Men's Lacrosse*

- B.S. (United States Naval Academy), M.S. (SUNY, Alfred)

Kevin Markwardt, *Men's and Women's Swimming*

- B.S., M.S. (SUNY, Cortland)

TBD, *Men's Basketball*

- TBD

James Nichols, *Men's Cross-Country/Men's Track*

- B.A. (North Central College), M.S. (Indiana)

Marty Nichols, *Wrestling*

- B.S. (Ithaca), M.S. (SUNY, Cortland)

Hannah Quintana, *Softball*

- B.A. (Ithaca), M.S. (Smith College)

Jennifer Potter, *Women's Track*

- B.A. (Ithaca), M.A., (Marshall)

Melinda Quigg, *Women's Soccer*

- B.A. (William Smith), M.B.A. (West Virginia Wesleyan)

Daniel Raymond, *Women's Basketball*

- B.S. (SUNY, Cortland), M.S. (Le Moyne)

Becky Robinson, *Women's Crew*

- B.S., M.S. (Ithaca)

Dan Robinson, *Men's Crew*

- B.S., M.S. (Ithaca)

Richard Suddaby, *Gymnastics*

- B.S., M.S. (SUNY, Cortland)

David Valesente, *Baseball*

- B.S. (St. Joseph's), M.S. (United States Sports Academy)

Daniel Swanstrom, *Football*

- B.S. (Rhodes College)

Erin Dinan, *Women's Cross-Country*

- B.S. (SUNY, Cortland)

Public Safety and Emergency Management

William Kerry, *Director*

- B.A. (LeMoyne College)

Residential Life and Judicial Affairs

Marsha Dawson, *Director*

- *under construction*

Ronald Trunzo, *Associate Director of Residential Life and Judicial Affairs*

- *under construction*

Office of Student Engagement

Michele Lenhart, *Director of Student Engagement*

- B.S., M.S. (SUNY, Geneseo)

Enrollment Management

Laurie Koehler, *Vice President for Enrollment Management*

- B.A. and M.Ed. (University of Virginia)

Admission

Nicole Eversley Bradwell, *Executive Director*

- B.A. (SUNY, Oswego), M.S. (Ithaca)

Analytics and Institutional Research

Claire Borch, *Director*

- B.A. (Lawrence University)

Marketing Communications

Erin Davis, *Executive Director, Creative Strategy and Development*

- B.A. (University of California - Santa Cruz), M.A. (New School University)

Melissa Gattine, *Executive Director, Marketing Strategy*

- B.A. (St. Bonaventure University)

Robert Wagner, *Executive Director, Strategic Communications*

- B.A. (Seton Hall University), M.B.A. (Rochester Institute of Technology)

Student Financial Services

Shana Gore, *Director*

- *under construction*

Career Services

Kristin LiBritz, *Interim Director*

- BA (Ithaca), M.Ed., (Syracuse)

Finance and Administration

Timothy Downs, *Vice President*

- B.S. (Temple), M.B.A. (University of Delaware)

Business and Finance

Marc Israel, *Assistant Provost for Finance and Administrative Operations*

- B.A., M.B.A. (Ithaca)

Auxiliary Services

David Prunty, *Executive Director*

- B.A. (West Virginia Wesleyan), M.A. (Indiana University of Pennsylvania)

Facilities

Timothy Carey, *Associate Vice President*

- B.S. (East Stroudsburg), M.S. (Vermont), Ed.D. (Rutgers)

Information Technology

David Weil, *Chief Information Officer*

- B.S., M.S. (Ithaca College)

Human Legal Resources and planning

Guilherme Costa, *Vice President and General Counsel*

- B.S. (Florida), M.S. (Idaho), J.D. (Notre Dame)

Hayley Harris, *Vice President*

- B.M. (Boston University), M.Phil. (Yale), Vice President for Human and Organizational Development and Planning

Philanthropy and Engagement

Wendy Kobler, *Vice President*

- B.S. (University of West Florida), M.S. (Alabama A&M), Ph.D. (Indiana Institute of Technology)

Quincy Davidson, *Associate Vice President for Engagement*

- *under construction*

Megan Panek, *Associate Vice President for Philanthropy*

- Johnson State College, Worcester Polytechnic Institute

GRADUATE

Graduate Catalog 2021-2022

About This Catalog

The student should be aware that some information in the catalog may change. It is recommended that students considering enrollment check with the school director to determine if there is any change from the information provided in the catalog. In addition, a catalog will contain information on the school's teaching personnel and courses/curricula offered. Please be advised that the State Education Department separately licenses all teaching personnel and independently approves all courses and curricula offered. Therefore, it is possible that courses/curricula listed in the school's catalog may not be approved at the time that a student enrolls in the school or the teaching personnel listed in the catalog may have changed. It is again recommended that the student check with the school director to determine if there are any changes in the courses/curricula offered or the teaching personnel listed in the catalog.

Important Declarations

This publication provides detailed information about academic programs, financial aid, and academic rules and regulations. Every effort has been made to ensure that the information is accurate and complete as of June 1, 2021. However, errors are possible and changes such as the addition or cancellation of courses may occur while the academic year is under way. The College reserves the right to correct errors in the catalog and to make changes in degree requirements, course offering regulations, and procedures as educational or financial considerations require. For up-to-date information, contact the appropriate department offices.

If requirements are changed, students may elect to comply with the new requirements. The choice must be declared in writing to the appropriate graduate chair.

Students who withdraw and are subsequently readmitted will be bound by program and degree requirements in force during the academic year in which they are readmitted.

If a student is called to active military duty during a semester, the College will apply, in full, any tuition paid for the semester during which the student is called, to any future semester in which they may return. Room and board refunds will be issued on a pro rata basis, consistent with current refund policy.

Discrimination Policy

It is the policy of Ithaca College that discrimination on the grounds of age, disability, marital status, national origin, race, color, religion, sex, sexual orientation, gender identity or expression, or military status will not exist in any activity, area, or operation of the College. Inquiries concerning the application of Title IX may be made to Ithaca College's Title IX Coordinator:

- Linda Koenig
- lkoenig@ithaca.edu, (607) 271-7661
- 953 Danby Road, Ithaca, NY, 14850
- Title IX Website (<https://www.ithaca.edu/sacl/share/titleix/>)

For more inquiries concerning the application of Title IX may be made to the U.S. Department of Education Office of Civil Rights. For more

information on the Office of Civil Rights, please visit the Office of Civil Rights website (<https://www2.ed.gov/about/offices/list/ocr/>).

Photographs

Ithaca College and its representatives on occasion take photographs for the College's use in print and electronic publications. This statement serves as public notice of the College's intent to do so and as a release to the College of permission to use such images as it deems fit. If you object to the use of your photograph, you have the right to withhold its release by filling out a form at the Office of the Registrar.

Contacting the College

Online Learning, Certificate, and Professional Programs

Ithaca College
953 Danby Road
Ithaca, NY 14850

Phone: 607-274-3143
E-mail: oes@ithaca.edu
Online Learning, Certificate, and Professional Programs Website
(<http://www.ithaca.edu/oes/>)

Graduate Programs in Adolescence, Agriculture, and Childhood Education

Ithaca College
194 Phillips Hall
Ithaca, NY 14850

Phone: 607-274-1076
Fax: 607-274-1089
E-mail: gradedu@ithaca.edu
Graduate Programs in Adolescence, Agriculture, and Childhood Education Website (<http://www.ithaca.edu/gradprograms/education/>)

Graduate Programs in Business Administration

Ithaca College
School of Business, Room 316
953 Danby Road
Ithaca, NY 14850

Phone: 607-274-3197
Fax: 607-274-1152
E-mail: mba@ithaca.edu
Graduate Programs in Business Administration Website (<http://www.ithaca.edu/business/programs/mba/>)

Graduate Program in Communications

Ithaca College
Roy H. Park Hall, Room 377
953 Danby Road

Phone: 607-274-1025 Fax: 607-274-7076

Graduate Program in Communications website (<https://www.ithaca.edu/academics/roy-h-park-school-communications/graduate-programs/>)

M.S. Communications Innovation

E-mail: gayeski@ithaca.edu
M.S. Communications Innovation Website (<http://www.ithaca.edu/gradprograms/innovation/>)

M.F.A. Image Text

E-mail: ImageText@ithaca.edu
 M.F.A Image Text Website (<http://www.ithaca.edu/gradprograms/image-text/>)

Graduate Program in Exercise and Sport Sciences

Ithaca College
 Center for Health Sciences
 953 Danby Road
 Ithaca, NY 14850

Phone: 607-274-1275
 Fax: 607-274-7055
 E-mail: hshpdean@ithaca.edu
 Graduate Program in Exercise and Sport Sciences Website (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/graduate-programs/exercise-and-sport-sciences/>)

Graduate Programs in Music

Ithaca College
 Whalen Center
 953 Danby Road
 Ithaca, NY 14850

Phone: 607-274-3157
 Fax: 607-274-1727
 E-mail: lblack@ithaca.edu
 Graduate Programs in Music Website (<https://www.ithaca.edu/academics/school-music/graduate-study/>)

Department of Occupational Therapy

Ithaca College
 Smiddy Hall, Room 200
 953 Danby Road
 Ithaca, NY 14850

Phone: 607-274-3618
 Fax: 607-274-3055
 E-mail: [h\(mcozzoli@ithaca.edu\)shpdean@ithaca.edu](mailto:h(mcozzoli@ithaca.edu)shpdean@ithaca.edu)
 (hshpdean@ithaca.edu)
 Department of Occupational Therapy Website (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/occupational-therapy/professional-entry-level-masters-program-occupational-therapy/>)

Department of Physical Therapy

Ithaca College
 Center for Health Sciences, Room 407
 953 Danby Road
 Ithaca, NY 14850

Phone: 607-274-3342
 Fax: 607-274-3074
 E-mail: hshpdean@ithaca.edu
 Department of Physical Therapy Website (<http://www.ithaca.edu/hshp/depts/pt/>)

Graduate Programs in Speech-Language Pathology

Ithaca College
 Smiddy Hall, Room 301
 953 Danby Road
 Ithaca, NY 14850

Phone: 607-274-3248
 Fax: 607-274-1137

E-mail: slpgrad@ithaca.edu
 Graduate Programs in Speech-Language Pathology Website (<http://www.ithaca.edu/gradprograms/slp/>)

www.ithaca.edu
 607-274-3011

Admission Information

- Admission Categories (p. 758)
- Graduate Application Procedures (p. 759)
- Special Information for International Applicants (p. 759)

Admission Categories

Degree Candidate (Matriculated)

Consideration for admission to a graduate degree program as a degree candidate is granted to applicants who have a good undergraduate scholastic record; who have received a baccalaureate degree from a regionally accredited college or technical school; and who have met all other application requirements of the degree program. These additional requirements are specified on the Graduate Admission website.

Students who have completed the undergraduate requirements of Ithaca College's six-year B.S./D.P.T. program in physical therapy or the five-year B.S./M.S. program in occupational therapy are admitted directly to the graduate program. External applicants (non-Ithaca College students) are not considered for admission to the graduate portion of the B.S./D.P.T. program.

Extramural Students

Students who have earned a bachelor's degree and are not seeking advanced degrees or who are not admitted to degree programs may apply for enrollment in graduate courses as extramural students. Information on course availability and the registration process is available from the Office of Extended Studies.

The maximum number of credits earned as an extramural student that may be applied toward graduate degree requirements is determined by each graduate program. A maximum of six credits may be taken in the M.B.A. and M.S. in Accounting programs on an extramural basis. A maximum of nine credits may be taken in the *Speech-Language Pathology* and *Speech-Language Pathology with Teacher Certification* programs on an extramural basis. All other programs permit a maximum of 12 credits taken on an extramural basis. Extramural students are eligible to apply for matriculated status upon completion of a maximum allowable credits with a GPA of 3.00 (B) in these credits, provided that no more than one grade below B has been earned. These credits may be used to fulfill program requirements only if they are approved by the graduate committee of the major field. Credits earned more than three years before admission to a degree program cannot be applied to meet degree requirements.

Seniors Taking Graduate Courses

Ithaca College seniors may take certain graduate courses for undergraduate credit. They must have a cumulative GPA of 3.00 or better and have completed at least 90 credits. They also must obtain the approval of the instructor, their undergraduate adviser, the chair of the graduate program, and the dean of the school. Under exceptional circumstances, Ithaca College seniors may take certain graduate courses

for graduate credit, provided they obtain the approvals previously specified. Courses taken for graduate credit do not count toward an undergraduate degree.

Graduate Application Procedures

The following procedures must be completed by each applicant for admission to graduate studies.

Apply Online

Applicants to the M.S. in Speech-Language Pathology programs should submit the application, designated application fee and required documents via the CSDCAS Centralized Application (<https://csdcas.liaisoncas.com/applicant-ux/#/login>).

Applicants to the M.S. in Physician Assistant Studies should submit the application, designated application fee and required documents via the CASPA Centralized Application (<https://caspa.liaisoncas.com/applicant-ux/#/login>).

Applicants to all other graduate programs should apply on the Ithaca College Admission website (<https://www.ithaca.edu/admission/>) and submit the following materials to the Office of Admission:

- \$40 application fee (A nonrefundable \$40 application fee must accompany the application for admission.)
- official transcripts from all postsecondary institutions attended
- letter(s) of recommendation
- Applicants to the School of Music programs do not submit recommendations to the Office of Admission. Recommendations to these programs are submitted as part of the audition scheduling process on the School of Music Graduate Admission website (<http://www.ithaca.edu/music/admission/graduate/>).
- any additional materials required by department or school

Your application fee and required materials must be received by Ithaca College by the appropriate deadline.

Admission Application Deadlines

Deadlines for application, transcripts, letters of recommendation, and, where appropriate, GRE or GMAT scores must be met. For assistantship application deadlines, refer to the Financial Aid portion of this catalog.

Accounting, M.S.: Application files will be considered on an ongoing basis, with preference given to those completed by March 1 for fall admission. Candidates who submit a completed admission application by March 1 will be given full consideration for a merit scholarship. No separate scholarship application is required.

Adolescence Education, M.A.T.: Application files will be considered on an ongoing basis, with preference given to those applicants whose files are complete by February 15. The program has only one start date each year – in late May.

Agriculture Education, M.A.T.: Application files will be considered on an ongoing basis, with preference given to those applicants whose files are complete by February 15. The program has only one start date each year – in late May.

Childhood Education, M.S.: Application files will be considered on an ongoing basis, with preference given to those applicants whose files are

complete by February 15. The program has only one start date each year – in late May.

Communications Innovation, M.S.: Applications are not currently being accepted.

Entertainment and Media Management, M.B.A.: Application files will be considered on an ongoing basis, with preference given to those completed by March 1 for fall admission.

Exercise and Sport Sciences, M.S.: Completed applications must be received by February 15 for fall semester admission. Applications received after February 15 will be reviewed on a space available basis. Spring admission is by special permission only from the Exercise and Sport Sciences graduate chair.

Music Education, M.M., M.S.: Application files must be complete by April 1. This program is offered during summer sessions only.

Occupational Therapy (Professional Entry-Level Master's Degree), M.S.: Completed files must be received by February 1 to be considered for May admission. The program has a late May start date.

Physician Assistant Studies, M.S.: Applicants should submit the application, designated application fee and required documents via the CASPA Centralized Application (<https://caspa.liaisoncas.com/applicant-ux/#/login>).

Speech-Language Pathology, M.S.: Completed files must be received by February 1 to be considered for fall admission. Applicants to the M.S. in Speech-Language Pathology programs should submit the application, designated application fee and required documents via the CSDCAS Centralized Application (<https://csdcas.liaisoncas.com/applicant-ux/#/login>).

Special Information for International Applicants

Ithaca College encourages international students to apply and values the cultural diversity they bring to the campus community. The Office of International Programs provides cultural adjustment support, orientation to the United States, immigration and visa assistance, and other support services. For more information, please visit the Office of International Programs website (<http://www.ithaca.edu/oip/>).

Proof of English Proficiency

All applicants whose native language is not English are required to submit official results of a test of English proficiency. The recommended minimum score is 80 on the TOEFL (Test of English as a Foreign Language), 54 on the Pearson Test of English Academic (PTE Academic), 105 on Duolingo English Test and 6.0 on the IELTS (International English Language Testing). Applicants who have earned a bachelors degree at a college or university where English is the language of instruction may be exempt from the English proficiency exam requirement.

International Transcripts

Applicants who attended a college or university outside of the United States are required to submit official transcripts issued by the college or university in the original language. A certified English translation must accompany the transcript if the original language is not English.

Applicants to the M.S. in Speech Language Pathology and the M.S. in Speech Language Pathology with Teacher Certification who attended college or university outside of the United States must have transcripts evaluated by World Education Services. For more information, please visit the WES website (<http://www.wes.org/>). Applicants to other graduate programs may be asked to submit course-by-course credential evaluation from a NACES member agency. For more information, visit the NACES website (<https://www.naces.org/>).

Application Deadlines

All application materials for international students must be received by the individual program deadlines.

Financial Aid

- Assistantships and Scholarships (p. 760)
- Academic Standing and Eligibility (p. 760)
- Aid Programs (p. 761)
- Expenses (p. 764)

Assistantships and Scholarships

Graduate Assistantships

Ithaca College offers a limited number of graduate assistantships to students in programs leading to a master's degree in adolescence education, agriculture education, childhood education, exercise and sport sciences, occupational therapy, music, speech-language pathology, and teaching students with speech and language disabilities.

Applying for an Assistantship

Typically, graduate assistantships are awarded for both the fall and spring semesters of each academic year. However, if funds are available, graduate assistantships may also be awarded during the summer sessions. Please consult your specific graduate program for all queries regarding the assistantship application, submission deadlines, and recommendations.

Deadlines for Completing Assistantship Applications

Please consult your specific graduate program for all queries regarding the assistantship application, submission deadlines, and recommendations.

Adolescence, Agriculture, & Childhood Education – Preference will be given to applications completed by February 15.

MS in Accounting, MBA in Entertainment and Media – These programs do not currently offer assistantships. However, all completed admissions applications that are received by March 1 are given full consideration for M.B.A. and M.S. Accounting merit scholarships; no separate applications are required for merit scholarship consideration.

Communications Innovation, M.S. – Applications are accepted on an ongoing basis, with preference given to those completed by March 15.

Exercise & Sport Sciences – Priority is given to those received by February 15 for the fall semester. The assistantship application and instructions can be found on the Exercise and Sport Sciences page.

Occupational Therapy (Professional-Entry Level) – Applications must be completed by February 1.

Speech-Language Pathology & Audiology (Teaching & Non-Teaching) – Applications must be completed by February 1.

Music (Composition & Conducting) – Applications must be completed by December 1.

Music (fall admission) – Applications must be completed by December 1.

Music (summer-only music education) – Applications must be completed by April 1.

Tuition, Scholarship, Graduate Appointment Salary

A graduate assistantship normally consists of two parts – a scholarship and a taxable work-related salary. The graduate appointment salary will be paid through the College payroll system on a biweekly basis. The salary will not be paid until the student has completed the W-4 and I-9 forms, which will be available at registration. The recommendation for a graduate assistantship originates with the respective graduate chair and is approved by the graduate dean.

Assistantship Responsibilities

The duties and responsibilities of each graduate assistant are arranged and supervised by the appropriate school or department. An average of up to 15 hours per week is normally required to fulfill a graduate assistant's assigned duties on a full assistantship.

Credit and Load Requirements

Credit Limitations

Students must register for a minimum of 6 credits each semester during the academic year to maintain an assistantship (3 credits in the summer). Students with assistantships may take a maximum of 12 credits per semester. Exceptions should be requested in writing by the graduate program chair and require approval of the school dean in charge of the student's graduate program.

Full-Time Study

A full-time student is defined as one who takes 9 credits per regular semester. During the summer, enrollment with 6 credits is considered full-time.

Academic Standing and Eligibility

Academic Standing and Progress

Students must meet certain standards of Satisfactory Academic Progress (SAP) to maintain eligibility for federal and institutional aid. The College is required to measure students' progress using a qualitative standard (GPA) and a quantitative standard (progress toward a degree). Additionally, students must complete all degree requirements within 150% of the timeframe that the College has determined it should take to earn that degree (measured in credit hours). Recipients of federal student aid and/or institutional funding are expected to make reasonable progress toward their degree as a condition of receiving and continuing to receive that aid.

Program pursuit (quantitative standard)

To remain in good academic standing for federal and institutional aid, an Ithaca College graduate student must successfully complete 67% of all credit hours attempted. Classes receiving grades of F, W, I or U are not considered to be successfully completed. Transfer credits accepted by Ithaca College are included in this calculation. Program pursuit progress

is reviewed for all students at the end of the spring semester each academic year.

GPA requirements (qualitative standard)

To remain in good academic standing for federal and institutional aid, an Ithaca College graduate student must earn a cumulative grade point average of 3.0. Ithaca College reviews cumulative grade point average for all students at the end of the spring semester each academic year.

A student who fails to meet one or both of the above requirements will be ineligible for federal and institutional financial aid until the appropriate standards are achieved. The student may request a one-time waiver of these eligibility requirements if they were unable to meet them due to an extenuating circumstance or personal hardship.

The following are examples of hardship and/or circumstances that may be deemed appropriate for a waiver request:

- Injury or illness of the student;
- Injury, illness, or death of an immediate family member or other family difficulty;
- Fire, flood or other catastrophic events;
- Other circumstances beyond the student's control that occurred during the term in which the student was not able to meet academic progress requirements.

To request a waiver of the College's SAP standards, a student must submit a Waiver Request Form to the Office of Student Financial Services. The information submitted should include the following information:

1. The reason why the student was not able to meet the minimum academic requirements.
2. Documentation of any unique circumstance that may have contributed to the student's inability to meet the standards.
3. An explanation of what has changed in the student's situation that will allow them to demonstrate satisfactory academic progress at the next evaluation.
4. A plan for meeting the standards in a reasonable time frame. This plan should include an academic plan that the student creates with an academic advisor.

Waiver requests are reviewed by the Satisfactory Academic Progress Committee and the student is notified of the outcome via email or postal mail. If granted a one-time waiver, a student's federal and institutional aid may be reinstated for a period of one or two semesters. At the end of the waiver period, the student must be meeting the minimum SAP requirements. If the student is not meeting the minimum standards, they are ineligible for federal and institutional aid until they are meeting minimum SAP requirements. All decisions made by the Satisfactory Academic Progress Committee are final and cannot be appealed.

Students denied a waiver will be ineligible for federal and institutional aid until they are once again meeting the College's Satisfactory Academic Progress standards or until they can be approved for a waiver.

Students who do not apply for a waiver will be ineligible for federal and institutional aid until they are once again meeting the College's Satisfactory Academic Progress standards.

Aid Programs

Ithaca College Scholarships and Grants

Ithaca College need-based scholarships and grants are available only to physical therapy and occupational therapy students. Students must apply annually to the financial aid office before March 1.

All recipients must demonstrate financial need, which is determined by using information from the Department of Education via the Free Application for Federal Student Aid (FAFSA). Other criteria, such as academic performance or promise, special talents, or other characteristics that Ithaca College deems of value, are considered for the Ithaca College scholarship program only. The FAFSA is due by March 1.

For more information about the FAFSA, please visit the FAFSA website (<http://www.fafsa.gov>).

Graduate business majors are automatically considered for any available non-need-based Ithaca College M.B.A. scholarships and need not submit the FAFSA to be considered for non-need based awards.

Federal Programs

Detailed information on Federal Direct Loans may be found on the Federal Student Aid loans website (<https://studentaid.gov/understand-aid/types/loans/>).

FEDERAL DIRECT LOANS -- UNSUBSIDIZED

Application Procedures

Ithaca College processes applications electronically. First-time borrowers are required to accept an offer of a Direct unsubsidized loan via HomerConnect. In addition, new borrowers are required to complete a Master Promissory Note (MPN), which is valid for 10 years. Repeat borrowers who have used the Master Promissory Note need not complete another promissory note. New borrowers must complete Entrance Counseling, a tool designed to educate borrowers of the rights and responsibilities of a federal loan borrower.

Selection of Recipients and Allocation of Awards

The federal Direct loan program is an entitlement program in which all eligible applicants can obtain a loan. To be eligible for this loan, a student must:

- be a U.S. citizen or an eligible noncitizen;
- have a valid Social Security number (with the exception of students from the Republic of the Marshall Islands, Federated States of Micronesia, or the Republic of Palau);
- be registered with Selective Service (<https://studentaid.gov/understand-aid/eligibility/requirements/#selective-service>), if you're a male (you must register between the ages of 18 and 25);
- be enrolled or accepted for enrollment as a regular student in an eligible degree or certificate program;
- be enrolled at least half-time to be eligible for Direct Loan Program funds;
- maintain satisfactory academic progress in college or career school;
- sign the certification statement on the *Free Application for Federal Student Aid* (FAFSA[®]) form stating that
 - you are not in default on a federal student loan,
 - you do not owe money on a federal student grant, and
 - you will use federal student aid only for educational purposes; and

- show you're qualified to obtain a college or career school education by
 - having a high school diploma or a recognized equivalent such as a General Educational Development (GED);
 - completing a high school education in a homeschool setting approved under state law (or—if state law does not require a homeschooled student to obtain a completion credential—completing a high school education in a homeschool setting that qualifies as an exemption from compulsory attendance requirements under state law); or
 - enrolling in an eligible career pathway program and meeting one of the "ability-to-benefit" alternatives (<https://studentaid.gov/understand-aid/eligibility/requirements/#ability-to-benefit>).

There is a loan origination fee that will be deducted from the amount borrowed prior to disbursement. Direct loans first disbursed between October 1, 2020, and September 30, 2021, will have a 1.057% origination fee applied to the gross disbursement. Please contact our office for more information about the origination fee for the Direct loans that are first disbursed between October 1, 2021, and September 30, 2022.

At Ithaca College funds may not be disbursed until after the drop/add period has passed. Loan proceeds are made in two disbursements, regardless of the loan period. Funds must be disbursed by electronic fund transfer (EFT), which allows the funds to be deposited directly into the student's account.

Loan Schedule

A graduate student may borrow an annual maximum of \$20,500.

Responsibilities of Borrowers

The student must continue to maintain satisfactory academic progress. The interest rate is a fixed rate of 5.28% for Graduate Direct Unsubsidized Loans that are first disbursed on or after July 1, 2021, and before July 1, 2022. Repayment begins six months after the student ceases to be enrolled at least half-time.

Various deferments allowing postponement of repayment are available depending on when the student received the first loan. For first-time borrowers on or after July 1, 1993, periods of deferment are limited to those who are:

The following is a list of different types of deferments:

- Economic Hardship
- Graduate Fellowship
- In-School
- Military Service and Post-Active Duty Student
- Parent PLUS Borrower
- Rehabilitation Training
- Unemployment

Students should contact the loan servicer for specific information.

If a student applies for more than one loan, subsequent applications must be made to the lending institution where the original loan was made.

Upon ceasing to be at least a half-time student, the borrower must make formal arrangements with their loan servicer to begin repayment. The following regulations apply:

1. Standard repayment, graduated repayment, extended repayment, revised pay as you earn repayment (REPAYE), pay as you earn repayment (PAYE), income-based repayment (IBR), income-contingent repayment (ICR), and income-sensitive repayment plans are available to assist borrowers in meeting repayment obligations.
2. The standard repayment period is 10 years.
3. Repayment in whole or part may be made any time without penalty.
4. Loans may be consolidated, resulting in longer repayment terms and smaller monthly payments.

Federal Direct PLUS Loan for Graduate Students

Application Procedures

Ithaca College processes applications electronically. A credit check is required. Borrowers interested in Direct PLUS loans for graduate students must complete a Direct PLUS loan application for Graduate/Professional students on the Federal Student Aid website (<https://studentaid.gov/>). Borrowers will receive an instant credit decision from the US Department of Education; Ithaca College will be notified of the completed request within 72 hours. Credit approved PLUS loans will be added to student's financial aid as applicable. The student is also required to complete a Master Promissory Note. Repeat borrowers who have used the Master Promissory Note need not complete another promissory note.

Selection of Recipients and Allocation of Awards

A borrower must be a graduate student. Student eligibility criteria are comparable to those for federal direct student loans, and the student must complete a Free Application for Federal Student Aid (FAFSA). An origination fee of 4.228 percent will be deducted from the loan amount for PLUS loans first disbursed between October 1, 2020 and September 30, 2021. Please contact our office for more information about the origination fee for the PLUS loans that are first disbursed between October 1, 2021 and September 30, 2022.

Loan Schedule

The maximum of the Graduate PLUS loan is the total cost of attendance, minus other financial aid.

Responsibilities of Borrowers

The student must continue to maintain satisfactory academic progress. A credit check is required. Loan funds are disbursed electronically to the student's billing account. The interest rate is a fixed rate of 6.28% for Graduate PLUS loans that are first disbursed on or after July 1, 2021, and before July 1, 2022. Repayment for Graduate PLUS loans begins six months after the student ceases to be enrolled at least half-time.

Federal Work-Study Program (FWS)

Federal Work-Study provides part-time jobs for undergraduate and graduate students with financial need. The program encourages community service work and work related to your field of study. To receive funds, you will need to be awarded work-study and secure a job. The funds you earn are not applied directly to your tuition.

Selection of Recipients and Allocation of Awards

The applicant must:

- be a U.S. citizen or eligible noncitizen;
- be enrolled in an undergraduate, graduate, or first-professional program as a matriculated student at an institution participating in the federal campus-based programs;
- not be in default or refund status for any federal Title IV aid at any institution;
- if applicable, be registered with the Selective Service; and

- demonstrate financial need as determined by the Free Application for Federal Student Aid (FAFSA).

Award Schedule

The College arranges jobs, on or off campus, with either public or not-for-profit agencies. Students are encouraged to seek positions in community service areas. Factors considered by the financial aid office in determining whether, and for how many hours, students may work under this program include financial need, class schedule, academic progress, and health status.

The level of salary for FWS positions must be at least the minimum wage. The maximum salary allowed depends on the nature of the job and the student's qualifications.

Veterans Administration Benefits

Educational Assistance (GI Bill)

Forms, information, and assistance in applying for benefits are available at all VA offices. Applicants approved for benefits by the Veterans Administration must process papers through the Ithaca College Registrar's office.

Any covered individual may attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a certificate of eligibility for entitlement to educational assistance under chapter 31 or 33 (a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs' (VA) website - eBenefits, or a VAF 28-1905 form for chapter 31 authorization purposes) and ending on the earlier of the following dates:

The date on which payment from VA is made to the institution.

90 days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.

Ithaca College will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33.

Current benefit rates may be obtained by writing to the New York State Division of Veterans Affairs, Veterans Counseling Center, 423 West State St, Ithaca, NY 14850, or by calling 607-272-1084.

Vocational Rehabilitation

This program is for disabled World War II, Korean conflict, post-Korean conflict, Vietnam era, and certain peacetime veterans. Detailed information is available from regional VA offices.

Survivors and Dependents Education

This program is for children, spouses, and other survivors of veterans whose death or permanent total disabilities were service-connected, and for spouses and children of service persons missing in action or prisoners of war.

Refund Procedure

Students attending Ithaca College who are receiving federal Title IV financial aid (e.g., Federal Direct loans) are required to return the portion of unearned aid if they withdraw, do not register, or otherwise fail to complete the period of enrollment for which the Title IV aid was provided. The return of funds does not apply to any student whose date

of withdrawal is beyond the 60 percent enrollment period for which the student has been charged. The last date of attendance is determined by the date the student began the College's withdrawal process, the student's last date of recorded attendance, or the midpoint of the semester for a student who leaves without notifying the College.

To determine the percentage of aid earned, divide the number of calendar days completed by the total calendar days in the enrollment period (excluding scheduled breaks of five days or more AND days that the student is on approved leave of absence).

Federal financial aid is returned to the program from which it was disbursed based on the percentage of unearned aid. To determine the percentage of unearned aid, subtract the percentage of aid earned from 100. The percentage of unearned aid is then multiplied by the amount of aid disbursed toward allowable institutional charges (e.g., tuition and room and board if living on campus).

There may be certain college or program fees that are non-refundable. In addition, special refund procedures may apply in graduate programs where a block system for coursework is used or during summer/winter sessions. Please contact Student Financial Services for more information.

A refund schedule of tuition, room and board charges based on a 15-week semester is provided below.

1st week	100%
2nd week	85%
3rd week	70%
4th week	60%
5th week	50%
6th week	40%
7th week	30%
8th week	15%
9th week	0%

Please note that the above refund policy applies to students who are not federal aid recipients. It also applies to the return of institutional aid. In the case of any student for whom it is determined that a return must be made to programs based on prorated charges, those funds will be returned in the following order: unsubsidized Federal Direct Loan, Federal Direct PLUS, Federal Pell grant, FSEOG funds, and other Title IV aid programs. Finally, if no institutional, state, or private financial aid refund is required, a refund will be made to the student.

When institutional aid is required to be returned, it will be done in the following order: W.G. Egbert Grant, Founder's Grant, Ithaca Grant, merit-based scholarships, endowed/restricted scholarships, and other institutional aid programs.

More detailed information, including examples of refund and repayment calculations, is available on the student financial services website.

Special Considerations

Students who take a leave of absence, withdraw, or are on a continuation leave and are also Title IV aid recipients should be aware of the following:

- The grace period for federal loans begins from the student's last date of attendance as determined by the College. A student who is on an approved leave of absence will be considered to be in school for purposes of repayment of federal loans. Should the student not return

from an approved leave of absence, the last date of attendance will be considered the date the approved leave of absence began.

- When a student withdraws from the College, the last date of attendance will be determined as outlined above.
- A student who is provided a continuation leave will be reported as withdrawn, since federal regulations do not allow for the period of study to be interrupted for more than 180 days, excluding standard periods of non-enrollment.

Before being granted approval for withdrawal, leave of absence, or a continuation leave, all students who are federal loan recipients are advised to be counseled by the Office of Student Financial Services to discuss the consequences of their changed status on loan programs.

Any federal aid recipient who is taking a leave of absence or withdrawing within the ninth week should be aware that a return of federal aid may be required even though full tuition and room and board charges will be incurred.

Individuals who attend programs recognized by the College as affiliated study abroad programs are subject to the following refund policy:

- A student who withdraws after the start of the program will be subject to the Ithaca College refund policies outlined above.
- A student who withdraws from the program prior to the actual start date of the program will be refunded based upon the policies assessed by the affiliate organization.
- The student will be responsible for paying any remaining fees, charges, or withdrawal penalties assessed by the affiliate organization.
- No financial aid is available to cover these charges.

Other Resources and Information

Students should seek out and apply for financial assistance from all potential grant, loan, and private scholarship sources. Public libraries and college financial aid offices have a wide variety of information readily available.

For more information about current resources, please review the Ithaca College Student Financial Services website (<https://www.ithaca.edu/tuition-financial-aid/>).

For more information about free internet scholarship services, please review the FASTweb website (<https://www.fastweb.com/>).

The following websites may also provide useful financial aid information:

- U.S. Department of Education website (<https://www.ed.gov>)
- New York State Higher Education Services Corporation website (<https://www.hesc.ny.gov>)
- The National Association of Student Financial Aid Administrators (NASFAA) offers a comprehensive selection of other links: NASFAA website (<https://www.nasfaa.org/>)

Both New York State and the federal government offer educational grants to Native Americans. For information on the federal program, contact United States Department of Interior, Bureau of Indian Affairs, New York Liaison Office, Room 523, 100 South Clinton Street, Syracuse, NY 13260, 315-423-5476.

Expenses

Tuition and Fees

Please refer to the Graduate Tuition & Financial Aid website (<https://www.ithaca.edu/tuition-financial-aid/graduate-costs-financial-aid/graduate-tuition-fees/>) for information regarding tuition expenses by program.

Other Charges

Performance Study Fee

A fee (paid in addition to regular tuition) equal to the number of enrolled credits of the current graduate tuition rate will be charged in the summer session for private instrument instruction.

Books and Supplies

Cost varies with each program.

Parking

Graduate students may obtain a student parking permit through the Office of Public Safety and Emergency Management (<https://www.ithaca.edu/public-safety-and-emergency-management/parking-services/student-parking/graduate-student-parking/>).

General Regulations

All rates are subject to change without notice.

All regular charges are billed on a semester basis. Students will not be allowed to register or be admitted to classes until satisfactory payment has been made.

Student accounts must be settled before leaving the College. Transcripts will be withheld from students whose accounts are in arrears for any reason, including nonpayment of tuition and fees, fines, or medical charges. In the event that it is necessary to refer an overdue account for collection, the student shall be obligated additionally to pay all interest, collection, disbursement, and attorney fees.

All bills are payable in United States currency.

Academic Information

- Registration and Course Information (p. 764)
- Academic Policies (p. 765)
- Student Academic Status Policies and Academic Performance Requirements (p. 766)

Registration and Course Information

Graduate Course Registration

Graduate Course Registration (*Office of the Registrar*)

Health Report

Before the first day of classes, every new graduate student is required to complete and submit health certification information to Ithaca College's J. David Hammond Center for Student Health Services. This includes the New York State immunization requirements and any other immunizations required by the College. Entrance medical requirements are submitted directly to the Hammond Health Center via a secure web portal that is linked from the health center's web page. Students who do not comply

with this requirement will not be allowed to remain on campus, and their course registration will be canceled. More information and forms are also available on the Hammond Health Center website (<http://www.ithaca.edu/sacl/healthcenter/>).

Audit Policy

An audited graduate course will appear on a student's transcript provided the student

- obtains the permission of the instructor;
- pays the audit fee (10 percent of the current undergraduate tuition rate, per credit hour) plus any additional course fees; and
- follows the instructor's requirements for auditors, including attendance policy.

The student or faculty member must submit an audit form to the Office of the Registrar by the add/drop deadline in the semester in which the course is to be audited. Refer to the Office of Extended Studies for policies on auditing summer and winter session courses. A graduate course audited for personal interest or for review of certain segments of the course material (no record on transcript) requires only the instructor's permission to attend the class.

All audits depend on class capacity. No tuition-paying student will be denied a place in a class as a result of a place being provided to an auditor. Audits are not counted as credit toward graduation or calculated in the GPA. Students may change their status from audit to credit only if they do so before the add/drop deadline.

Course Offerings

Course listings for each semester are published online. The registration schedule is announced by the Office of the Registrar (<https://www.ithaca.edu/academics/registrar/>).

Course Numbering System

Course numbers consist of a four-character alphabetic department code and a five-digit group. The first digit of the five-digit group is the level of the course.

- Level-five courses are graduate courses in which qualified seniors may enroll under certain circumstances. For more information, see the following:
- Ithaca College Undergraduate Catalog
- Level-six courses are for graduate students only.
- Level-seven courses are graduate-level workshops.

Semester Workload

A full-time graduate student is defined as one who takes 9 graduate credits per regular semester or 6 graduate credits in the summer. Full-time students may not take more than 12 graduate credits per semester.

Exceptions to this policy may exist based on graduate program requirements.

Students should consult with their program if they have questions about semester workload. Exceptions to this policy in other programs may be obtained by use of the petition process for waiver of the policy.

Withdrawal from a Course

The last date for withdrawal from a course with a grade of W is determined by a percentage of class days. If fewer than 75 percent of the

class days for a course have elapsed, the student may withdraw without an F.

Tuition Refund Schedule

Tuition refund is granted when the student drops a course before the add/drop deadline, which is posted on the academic calendar for any term (see the Academic Calendars (p. 9)). No refund is granted if the student withdraws from a course after the deadline.

Graduate students who officially withdraw from or are dismissed from all courses during a term at Ithaca College are charged a percentage of total tuition for that term. For more information refer to the "Refund Procedure (p. 761)." Weeks are counted from the first day of class in each semester. No refunds will be granted until the student completes the College's official withdrawal procedure.

There may be certain college or program fees that are non-refundable. In addition, special refund procedures may apply in graduate programs where a block system for coursework is used or during summer/winter sessions.

Academic Policies

Student's Right to Petition

Each currently enrolled graduate student has the right to petition the provost to waive any of the all-College academic regulations. Students may also petition the provost to review any other academic issue that has not been resolved first by the instructor, or subsequently by the graduate program chair, and then by the dean; in order to be considered, any such petition must be received by the office of the provost no later than the last day of classes of the fall or spring semester after the events which gave rise to the academic issue addressed in the petition. Petitions related to grades must first follow the guideline under "Policy on Grade Disputes (p. 765)".

To petition the provost, the student should submit a written petition to the dean with a copy to the graduate program chair and a copy to any faculty member(s) involved. The dean sends the petition to the provost along with their recommendation. Each petition is considered by the provost or designee on an individual basis and is decided based on the facts that pertain to the particular student's situation. When it is appropriate and feasible, the provost or designee consults with the individuals involved before making the final decision. While a decision on appeal is pending, the student may continue to take courses in the program, except for clinical or fieldwork courses.

Policy on Grade Disputes

Grade disputes should be resolved directly between the individual faculty member and the student. If that is not possible, the graduate program chair and/or dean may intervene for purposes of mediation. Any student disputing a grade must provide written notification of the disputed grade to the faculty member, no later than two weeks from the date when classes begin in the succeeding fall or spring semester. Failing resolution of the matter at the school level, the student may petition the provost as described under "Students' Right to Petition." The final resolution of the dispute will be made by the provost. As a general principle, the authority to change a grade rests with the individual faculty member. Exceptions made by the provost occur only for the most compelling reasons.

Grading System

The acceptable grades and corresponding points for grade point average (GPA) calculations are as follows. All grades except S (satisfactory), U (unsatisfactory), P (pass), I (incomplete), PI (permanent incomplete) and W (withdrawn) are used in calculating a student’s GPA. GPA calculations are not rounded.

Grade	Points
A	4.00
A-	3.70
B+	3.30
B	3.00
B-	2.70
C+	2.30
C	2.00
C-	1.70
F	0.00

Repeating a Course

A student who receives a grade lower than B in a graduate course not designated as repeatable may repeat the course once with permission from the graduate chair. For any course repeated under this policy, credit toward graduation requirements is granted only once, and only the highest grade received in the repeated course is counted in the cumulative GPA. The final grade earned for the repeated course, each time it is attempted, will remain on the transcript. The cumulative GPA will not be adjusted under this policy for any courses repeated after a degree has been awarded, or for any course repeated before the fall semester of 2014. Repeating a course may have financial aid implications; financial aid recipients intending to repeat a course should first seek advice from Student Financial Services. This policy applies only to courses taken at Ithaca College.

Pass/Fail or Satisfactory/Unsatisfactory Option

Graduate programs are permitted to use P/F or S/U grade options for graduate-level workshops (700-level) and selected courses only.

Time Limitations for Completion of Degree Requirements

Candidates for an advanced degree are required to meet general and major field requirements within six calendar years of their matriculation date. Some programs have more restrictive timelines that supersede this general policy. Any exception must be approved in writing by the dean of the School after review and recommendation by the Graduate Council.

Incomplete Grades

A faculty member may assign a grade of I (incomplete) to a graduate student whose work on a thesis or other individual study course is not complete at the end of a semester or academic session. Otherwise, incompletes are given only when a student is doing satisfactory work but cannot complete the course for a reason not related to academic performance (i.e. medical, family emergency). The incomplete must be requested by the student, before the semester ends, in a timely manner. The student must schedule a meeting with the faculty member issuing

the grade, and provide written documentation of legitimate reasons that justify the request.

Terms for the completion of the course are to be determined by the faculty member, in consultation with the student. Once the faculty member and student agree upon the specific assignments with criteria for assessment and the due date, the incomplete grade form must be filled out completely and submitted to the Office of the Registrar. This form will serve as a contract between the student and the faculty member and will include a date for course completion.

When the terms of the contract have been met, the instructor of record or appropriate administrator will complete a change of grade form to change the I to the earned grade.

Students who after consultation with the graduate chair, determine they will not complete a thesis course should request that the instructor complete a grade change form to a Permanent Incomplete (PI). This form requires the approval of the graduate dean of the school. A PI grade cannot be changed back to a regular grade. Students who receive a PI grade and want credit for that course must register again and complete the requirements. Students may graduate with a PI grade provided all degree requirements have been met. A PI grade is not computed into the GPA.

If no complete grade is received by the due date and no PI is approved, a grade of F is recorded on the transcript. Graduate students cannot receive their degree from Ithaca College with a grade of I recorded on their academic transcript.

Student Academic Status Policies and Academic Performance Requirements

Student Academic Status

Matriculated

Matriculation is an enrollment status applicable to the student who:

1. has met graduate admission standards established by a particular school/department;
2. has been accepted into a graduate degree program by the same school;
3. has registered for graduate courses at Ithaca College;
4. after acceptance into a graduate program, has begun attending classes in those courses.

Good Academic Standing

Graduate students are required to maintain a minimum semester GPA of 3.00 each semester in order to remain in good academic standing at the college level. Graduate students must achieve a minimum cumulative, final GPA of 3.00 in order to graduate.

Academic Warning

Upon completion of a semester or academic session of work at less than 3.00 semester GPA, the student will be issued an academic warning by the school Dean. Warning will be removed upon completion of a full semester’s coursework at 3.00 GPA or better, or upon completion of the

degree program with a minimum 3.00 cumulative GPA. A student must attain a semester GPA of 3.0 or higher while on academic warning to remain in their program.

This is the college-wide standard. A particular program may have more specific requirements; additional information is available from the program office.

Academic Dismissal

Two consecutive semesters or academic sessions below a cumulative 3.0 GPA will be grounds for dismissal from the degree program and college. In addition, any student receiving more than 3 credits of F will be subject to dismissal.

This is the college-wide standard. A particular program may have more specific requirements; additional information is available from the program office.

Second Major Field

With consultation and approval from the student's major adviser, a second major field may be listed on a student's transcript when 50 percent of the second program's additional coursework is completed (e.g., 15 additional credits for programs requiring 30 credits for completion). A second major field does not lead to an additional degree or additional certification.

Leave of Absence

Standard Leave

Typically a standard leave of absence may be granted for up to one year to graduate students who wish to interrupt their studies at Ithaca College. Application for a standard leave of absence is handled through the dean. An appointment should be made with the program's dean for an exit interview and to complete the proper application form.

If the student is enrolled in classes, taking a leave of absence by the withdrawal deadline date published in the academic calendar results in grades of W (withdrawn) in all courses other than completed block courses. Taking a standard leave of absence after the last date to withdraw as published in the academic calendar results in grades of F in all courses other than completed block courses.

The standard leave of absence allows the graduate student on leave the opportunity to register in advance for the semester of return. Some graduate programs may have more restrictive readmission policies that supersede this policy. Students should consult with their program regarding program-specific Leave of Absence policies.

If a graduate student takes a standard leave of absence and later is suspended, dismissed, placed on warning for unsatisfactory academic performance, or suspended or expelled as the result of a judicial decision, the sanctions take precedence over a regular leave of absence and stand as a matter of record. Academic warning becomes operative at the time of return to the College after a suspension.

Graduate students on a standard leave of absence who decide not to return to Ithaca College should contact the dean to apply for a program withdrawal. The date of separation for the standard leave of absence will be used as the date of separation for the withdrawal.

Graduate students who do not return after the specified standard leave of absence period and who do not apply for a program withdrawal are administratively withdrawn, and the last day of attendance will be

considered the date the leave of absence began. Students withdrawn from a program are required to reapply in order to return to the College. In such instances, there is no guarantee of readmission.

Emergency Leave

Graduate students who must leave the College on urgent personal grounds that necessitate their absence for a semester, such as death or a serious illness in the immediate family, may request an emergency leave of absence. Documentation of the serious nature of the emergency must be provided. Applications for emergency leave of absence are available at the dean's office.

Medical Leave

Graduate students who must leave the College because of medical or psychological conditions that necessitate their extended absence may request a medical leave of absence for up to two semesters. Application forms for medical leaves of absence are available at Hammond Health Center. Applications for medical leave for the current semester must be submitted no later than the last day of classes as published in the academic calendar.

Students with significant medical/psychological issues that arise during the final exam period should contact the chair of the graduate program or the Dean of their School. Documentation of the serious nature of the medical/psychological condition must be provided, by a certified medical or mental health professional, to Hammond Health Center in order for the application to be complete. Approval must be given by the Director of Health Services, who may consult with the Director of Counseling and Psychological Services and the chair of the graduate program or Dean of the School in which the student is enrolled.

Students who were initially approved for one semester of medical leave may request a second semester by contacting the Health Center. Extending the medical leave beyond two semesters requires documentation from a certified medical or mental health professional as stated above and requires approval from the Dean of the student's School.

When a medical leave of absence is granted, the course grade in all courses for which the student is registered will become a W (withdraw), other than completed block courses. Students taking a medical leave of absence or withdrawal who are recipients of federal Title IV financial aid should refer to "Refund Procedure (p. 761)" to determine the implications of that medical leave for the financial aid program. Questions about individual cases should be directed to the Office of Student Financial Services website (<https://www.ithaca.edu/tuition-financial-aid/>).

While on medical leave, students will have their College ID card invalidated within seven days of approval of the medical leave of absence. Students are not eligible to participate in student employment and/or assistantships effective the date of approval of the medical leave of absence and for the duration of their medical leave.

A student will not be able to register for classes until the student has been approved to return from a medical leave of absence. If the medical leave is approved after a student has registered for classes for the subsequent semester, those class registrations will also be canceled. Some graduate programs may have more restrictive readmission policies that supersede this policy. Students should consult with their program regarding program-specific Medical Leave of Absence policies.

Students who want to return from a medical leave of absence must contact Hammond Health Center to request an application to return. Before the application can be considered, supporting documentation from a treating medical or mental health professional must be submitted to the Health Center. This documentation must indicate that the medical and/or psychological condition has been addressed, that the student is able to function safely as a member of the College community, and that the student is capable of resuming study at the College. Furthermore, this documentation should provide the nature and duration of treatment, and any recommendations for ongoing care once the student has returned to campus. Approval to return must be given by the Director of Health Services, who may consult with the Director of Counseling and Psychological Services and the chair of the graduate program or dean of the School in which the student is enrolled.

If a student does not return after the medical leave of absence and does not extend it, they will be administratively withdrawn from the College and must go through a medical and academic readmission process in order to return. In such instances, there is no guarantee of readmission or reinstated institutional financial aid. All graduate students, including those taking medical leave, must comply with the six-year time limit for completion of their degrees.

Withdrawal from the College

Student Initiated Withdrawal

Students deciding to withdraw from graduate study at any time before completion of their degree program should contact the chair of their program to initiate the withdrawal process. This process should include discussion with the graduate chair and school dean as to the reasons for withdrawal and implications for assistantship support. If, after these discussions, the student wishes to continue the withdrawal process, they must complete a "notification of withdrawal" form (available from the graduate chair or the dean's office) and obtain the signature of the dean. Failure to follow this process may jeopardize the student's potential for readmission at a future date.

Withdrawals may have financial implications. Students are advised to consult the Student Financial Services website (<https://www.ithaca.edu/tuition-financial-aid/>) for contact information for Student Financial Services. Information on the Refund Procedure (p. 761) can be found in the financial aid portion of this catalog.

Administrative Withdrawal

Graduate students who have not registered for academic course work and/or are not making satisfactory progress on a thesis or other research projects may, at the discretion of the graduate program chair, be administratively withdrawn. Students will be notified in writing of the administrative withdrawal.

Semester Workload

One semester of coursework is defined as 9 credits or more in a single semester if full-time, or 6 credits or more accumulated across two semesters if part-time.

Unit of Credit

Credit is earned at Ithaca College in semester credit hours as measured by the Carnegie unit – defined as one hour of classroom instruction and two hours of assignments outside the classroom for a period of 15 weeks for each credit.

Transfer Credit

Courses submitted for transfer credit must be appropriate and applicable to the student's degree or teacher certification program, and a grade of B or better must have been earned. Some graduate programs may have more restrictive policies regarding coursework that can be accepted for transfer credit. Transferable credits must have been earned not more than four years before matriculation, and no more than six credits may be transferred and applied toward a graduate degree. Grades earned in transferred courses are not applicable to the graduate cumulative GPA. Students who have matriculated and who wish to earn graduate credit elsewhere for transfer to Ithaca College should obtain approval in writing from the graduate program chair and the dean before registering for a course intended for transfer.

Students must submit a written request for transfer credit to the dean. The request must be supported by an official transcript sent directly to Ithaca College from the institution(s) at which the credit was obtained.

Credit for Workshops

Graduate workshops (700 level) are offered for graduate credit. With the approval of the adviser, a graduate student may count up to five graduate workshop credits toward a master's degree.

Credits for Ithaca College - Cornell University Exchange

This reciprocal arrangement between Ithaca College and Cornell University allows graduate students, with prior approval and within the stated stipulations, to cross-register for one course or up to 4 credits per semester at Cornell. This arrangement is available during the fall and spring semesters only and is contingent on space availability at Cornell.

Policies, costs, registration dates, and academic calendars are available on the IC to CU Exchange website (<https://www.ithaca.edu/ic-cu-exchange-program/>). Further information and program petition forms are also available on the exchange website and from the Office of Extended Studies.

Comprehensive Examination Requirement

Some graduate programs may require a comprehensive examination; additional information about this requirement is available from the program office.

Thesis and Project Requirements

Students required to complete a thesis or project as partial fulfillment of the degree requirements should request a thesis adviser through the department and register through their school for the appropriate course and credits. If not required by the program or school, the thesis or project is optional. If a student elects to do either a thesis or a project, the credits earned may be applied toward a degree or may be in addition to degree requirements, at the discretion of the department or school concerned.

If completing a thesis or research project: after approval by the thesis adviser, the thesis or project should be submitted to the respective graduate program chair one month before the anticipated graduation date. The dean will review and approve all theses. It is the responsibility of the degree candidate to schedule an examination in defense of the thesis when submitting it to the graduate program chair.

Application Process for Graduation

Ithaca College awards graduate degrees in May, June, August, October, and December. During the term preceding the awarding of the degree, the degree candidate must complete the following steps:

- File an application to graduate. The application must be filed online with the Office of the Registrar by the specific filing deadline for May, June, August, October, or December graduation, as shown in the academic calendar.
- Confirm with the Office of the Registrar that any credits transferred from another institution are recorded on the transcript.
- If there have been any changes in program requirements, confirm that approval has been obtained in writing from the program chair and School dean and verified by the Assistant Registrar for Student Services in the Office of the Registrar. This includes waivers, courses accepted in lieu of required courses, and verification that all program degree requirements have been met.
- Satisfactorily complete comprehensive examinations, if applicable.
- Verify with the graduate program chair that all degree requirements have been met.
- If desired, schedule an exit interview with the dean of your School at least one month before completion of the last semester.

Use of Human Subjects in Research

Use of Human Subjects in Research

All research projects at Ithaca College that use humans as subjects must be reviewed and approved by the Institutional Review Board (<https://www.ithaca.edu/sponsored-research/institutional-review-board-irb/>) on Human Subjects Research. The use of human subjects refers to data collection via survey, supervised activity, and interview, as well as other methods. The Ithaca College HSR Guidelines document is available on the Human Subjects Research website (<https://www.ithaca.edu/sponsored-research/irb/>).

Program Changes

Changes in a semester program schedule must be made within the one-week add/drop period.

Students who remain enrolled, or who take an approved leave of absence, are required to fulfill the degree requirements of the catalog in effect at the time of their initial matriculation; if the degree requirements are changed, such students may instead elect to fulfill the revised requirements. In order to do so, they must provide formal written notice to the Office of the Registrar as part of the application for graduation process, in accordance with published deadlines.

Students who withdraw and are subsequently readmitted will be bound by program and degree requirements in force during the academic year in which they are readmitted.

The College reserves the right to make changes in degree requirements, course offering regulations, and procedures contained in this catalog as educational and financial considerations require.

Courses A - Z

Art (ART)

ART 52500 Integrating Visual Art in the Elementary School Curriculum

This course is designed to introduce childhood educators to the educational theories, practices, methods, and materials in the visual arts within the elementary school curriculum. Emphasis on recognition of age-appropriate artistic development; authentic art production; self expression and divergent thinking; use of varied media; techniques and concepts relevant to the elementary curriculum; and the broad-based learning through art. Required. Prerequisite: Graduate student in good standing in the Childhood Education Program, or permission of instructor. (S)

Attributes: TE

1 Credit

Athletic Training (ATEG)

ATEG 50100 Biomedical Foundations of Clinical Science in Athletic Training (NLA)

An evidence-based approach to human tissue injury including normal anatomy & physiology, healing and degenerative processes, acute and chronic injury, exercise and movement, and implications for rehabilitation & restoration. Understanding of the relationships among connective tissues specific to sports injuries, issues of aging, and special populations. Examination of principles essential to clinical assessment strategies including diagnostic imaging, as well as intervention for the rehabilitation and prevention of orthopedic injury and dysfunction. Prerequisites: EXSS 32100; EXSS 41100; EXSS 41200. (F)

3 Credits

ATEG 50200 Acute Care and Emergency Management in Athletic Training (NLA)

Gain an understanding of acute care and emergency situations. Examine the epidemiology and etiology of emergent injuries and illnesses. Learn how to evaluate patients with various conditions such as sudden cardiac arrest, concussion, cervical spine injury, heat illness, and other athletic related trauma. Understand and implement standard of care practices. Develop and apply intervention skills to properly prevent and treat these conditions within a hands-on lab-based setting. Prerequisites: EXSS 41100; EXSS 41200. (F)

4 Credits

ATEG 50300 Clinical Pathoanatomy (NLA)

Advanced human anatomy course emphasizing musculoskeletal structure, function, and injury by extending and deepening prior knowledge using human cadaveric laboratory instruction. In-depth examination of common sports and activity-based injuries will be integrated. Students are expected to apply and implement anatomy, biomechanics, and clinical reasoning to common sports-related injuries. Prerequisites: EXSS 22000; EXSS 32100. (F)

3 Credits

ATEG 50400 Professional Practice in Athletic Training (NLA)

Exploration of the athletic training professional practice. Orientation and implementation of athletic training policies and procedures. Acquire and demonstrate standard documentation procedures, including electronic medical records. Understand and utilize effective healthcare related communication. Skill development and application of taping and wrapping skills. Prerequisites: EXSS 41200. (F)

2 Credits

ATEG 50500 Practicum in Athletic Training I (NLA)

Supervised practical experience in a clinical setting focused on the application of clinical skills acquired in previous and current coursework. Clinical milestones include execution of competencies relative to patient management, acute and emergency care, injury prevention, documentation, and professional behaviors. Prerequisites: EXSS 41200. (F)

3 Credits

ATEG 50600 Assessment of Musculoskeletal Conditions and Injuries (NLA)

In-depth analysis of complete assessment theories, procedures, principles and skills related to the evaluation of upper extremity, spine and lower extremity orthopedic injuries and conditions. Emphasis is placed on clinical reasoning, evidence-informed practice, and the anatomical basis and mechanisms of athletic injuries and conditions common in active populations and athletics. Skill instruction and lab-based practice included to develop essential practical skills germane to orthopedic assessment. Prerequisites: ATEG 50100. (S)

4 Credits

ATEG 50700 Clinical Principles of Medical Science (NLA)

Examine the etiology, pathology, process, diagnosis and treatment of diseases of the human body. Emphasis is placed on the immune, cardiovascular, pulmonary, gastrointestinal, endocrine, renal, urogenital, dermatological systems and their associated disorders and conditions. Analysis of pharmacological interventions and their application will be discussed. Lab activities will enhance clinical skills for assessment of common medical conditions. Prerequisites: ATEG 50100; ATEG 50200. (S)

4 Credits

ATEG 50800 Therapeutic Interventions in Athletic Training I (NLA)

Through integrated didactic and laboratory instruction and practice, students will acquire evidence-based theories and techniques for therapeutic interventions commonly utilized during the "Preparation for Healing" phase in the management of acute and chronic injuries and conditions in active populations and sport. Prerequisites: ATEG 50100. (S)

4 Credits

ATEG 51000 Practicum in Athletic Training II (NLA)

Supervised practical experience in a clinical setting focused on the application of clinical skills acquired in previous and current coursework. Clinical milestones include execution of competencies relative to assessment of musculoskeletal injuries, recognition and care of general medical conditions, selection and application of therapeutic interventions, documentation, and professional behaviors. Prerequisites: ATEG 50500. (S)

3 Credits

ATEG 51100 Clinical Research in Athletic Training I (NLA)

This first of a 3-semester clinical research sequence prepares students to be clinician-scientists by addressing key elements of clinical research in athletic training. Students will initiate a clinical research project. Prerequisites: EXSS 41100. (U)

2 Credits

ATEG 51500 Clinical Capabilities in Athletic Training (NLA)

Examine various aspects of clinical practice common in active and athletic populations including pharmacology, dermatology, and diagnostic imaging. Identify commonly used medications and differentiate various categories of pharmaceuticals used in athletic training. Explore and gain an understanding of diagnostic imaging techniques and laboratory testing. Describe and identify common dermatological conditions and treatment paradigms. Prerequisites: ATEG 51000. (U)

2 Credits

ATEG 60400 Foundations of Health Care Delivery and Administration (NLA)

Addresses the organization and administration of health care delivery systems specific to athletic training. Emphasis on continual quality improvement, patient and clinical outcomes, payor systems and reimbursement, legal aspects, and operational management. Prerequisites: ATEG 50400. (S)

3 Credits

ATEG 60500 Practicum in Athletic Training III (NLA)

Supervised practical experience in a clinical setting focused on the application of clinical skills acquired in previous and current coursework. Clinical milestones include execution of advanced competencies relative to clinical care and selection and application of therapeutic interventions, demonstration of evidence based practice, documentation, and professional behaviors. Prerequisites: ATEG 51000. (F)

3 Credits

ATEG 60700 Medical and Health Aspects of Athletic Training Practice (NLA)

Develop and apply clinical skills related to special populations, and the multidimensional aspects of health, wellness, and sport performance. Prerequisites: ATEG 50700. (S)

2 Credits

ATEG 60800 Therapeutic Interventions in Athletic Training II (NLA)

Acquisition and application of essential theories, skills, and practices for the restoration of function and return to participation will be presented. Evidence-based theories, principles and techniques will be utilized to develop, maintain and/or improve components of functional performance. Emphasis will be placed upon therapeutic reasoning related to the dynamics of skill acquisition and rehabilitation of athletic injuries and conditions. Skill instruction and lab-based practice will be included to develop essential practical skills germane to therapeutic interventions for restoring functional performance and participation in physical activity. Prerequisites: ATEG 50800. (F)

4 Credits

ATEG 61000 Practicum in Athletic Training IV (NLA)

Supervised practical experience in a clinical setting focused on the application of clinical skills acquired in previous and current coursework. Students will demonstrate increased autonomy and clinical capability across all domains of professional practice, demonstrating professional behaviors and communication. Includes 4 week, full time clinical immersion rotation either on or off campus. Prerequisites: ATEG 60500. (S)

5 Credits

ATEG 61100 Clinical Research in Athletic Training II (NLA)

This second course of a 3-semester clinical research sequence prepares students to be clinician-scientists by addressing key elements of clinical research in athletic training. Students will continue work on a clinical research projects. Prerequisites: ATEG 51100. (F)

2 Credits

ATEG 61200 Clinical Research in Athletic Training III (NLA)

This final course of a 3-semester clinical research sequence prepares students to be clinician-scientists by addressing key elements of clinical research in athletic training. Students will complete work on a clinical research project. Prerequisites: ATEG 61100. (S)

2 Credits

ATEG 61500 Advanced Clinical Capabilities in Athletic Training (NLA)

Apply evidence-based theory and develop techniques concerning the assessment and treatment of the spine and peripheral joints. Formulate and design rehabilitation interventions for athletes and active populations. Prerequisites: ATEG 60500. (S)

2 Credits

Biochemistry (BIOC)

BIOL 58100 Current Topics in Biochemistry (LA)

Advanced study of major research areas of current interest. Topics change from year to year but may include genetic engineering and cloning techniques, mechanisms of carcinogenesis, toxicology, immunology, and gerontology. Prerequisite: Graduate student in good standing or permission of instructor. (S,Y)

3 Credits

Biology (BIOL)

BIOL 50500 Parasitology (LA)

Advanced study of parasitism throughout the animal kingdom, with special attention to parasites important to human and veterinary medicine. Topics include systematics, morphology, and life cycles of parasites; coevolution of hosts and their parasites; the use of parasites and parasitoids as biological control agents of pest species; and the influence of parasites on population biology and community structure of host species. Prerequisites: Graduate student in good standing or permission of instructor. (F, E)

3 Credits

BIOL 54000 Inquiry and the Nature of Science for the Science Teacher

Considers issues pertaining to the nature and practice of science, especially as they relate to science education. Explores aspects that distinguish scientific inquiry from other forms of inquiry. Examines safety issues of teaching science in a classroom, and teaching science in the context of the community. Cross-listed with CHEM 54000, ENVS 54000, and PHYS 54000. Students can receive credit for only one of: BIOL 54000, CHEM 54000, ENVS 54000, and PHYS 54000. Prerequisites: Graduate student in good standing. (IRR)

3 Credits

BIOL 54100 Science Topics Every Science Teacher Should Know (LA)

Review of the major science topics all science teachers should know as recommended by the National Science Teachers Association. Cross-listed with CHEM 54100, ENVS 54100, and PHYS 54100. Students can receive credit for only one of: BIOL 54100, CHEM 54100, ENVS 54100, PHYS 54100. Prerequisite: Graduate student in good standing. (F, Y)

3 Credits

BIOL 56100 Ecophysiology (LA)

Advanced study of the function and performance of animals and plants in their environment. This course integrates information from molecular biology through organismal physiology to understand the mechanisms that allow organisms to survive in their physical, chemical, and biological environments. This information is analyzed to understand how these small-scale processes affect higher levels of organization, from biotic communities up to global-level issues. Topics include adaptations to extremes in temperature, energy availability, moisture, and nutrients.

Examples will be taken from organisms living in a wide variety of environments including deserts, the Arctic, temperate forests, marine environments, and rain forests. Prerequisite: Graduate student in good standing or permission of instructor. (S, E)

3 Credits

BIOL 57600 Endocrinology (LA)

Advanced study of the mechanisms by which hormones control their targets and provide background on the major vertebrate hormones. The course then covers current research in endocrinology, analyzing topics such as weight control, growth, gender differentiation, reproduction, the stress response, and environmental endocrine disrupters. Lecture and discussion with an emphasis placed on reading and analyzing the scientific literature. Prerequisite: Graduate student in good standing or permission of instructor. (S,O)

3 Credits

BIOL 57800 Evolution (LA)

Advanced study of the field of evolutionary biology that includes the study of both microevolutionary and macroevolutionary change and the mechanisms of change. Specific topics of focus will include the nature of natural selection, population genetics, molecular evolution, adaptation, mechanisms of speciation, phylogenetic analysis, sexual selection, and the evolution of social behavior. Prerequisite: Graduate student in good standing or permission of instructor. (F, O)

3 Credits

BIOL 57900 Aquatic Ecology (LA)

Advanced study of the biological, chemical, and physical features of lakes and streams, features that are related to general ecological concepts and environmental concerns. Focuses on the invertebrate and fish communities, and the physiological adaptations of species to the aquatic environment. Theoretical approaches and practical techniques will be addressed. Prerequisite: Graduate student in good standing or permission of instructor. (S, O)

3 Credits

BIOL 60000 Independent Study in Biology

One-semester course in which a student may pursue a topic of interest in biology, supervised by a member of the department. Course may be repeated for credit, up to a maximum of Offered on demand only. Prerequisite: Permission of instructor. (IRR)

3 Credits

BIOL 60200 Independent Research in Biology

Original research participation with a faculty member in a specialized field. Designed to strengthen the student's understanding of the nature of science, science research methodology, and the scientific literature. Course may be repeated for credit, up to a maximum of Offered on demand only. Prerequisite: Permission of instructor. (IRR)

3-6 Credits

BIOL 69800 Education Research for the Science Teacher (LA)

Original research participation with a science education faculty member. Designed to strengthen student understanding of science education research methodology and the science education research literature. Cross-listed with CHEM 69800, ENVS 69800, and PHYS 69800. Students can receive credit for only one of: BIOL 69800, CHEM 69800, ENVS 69800, PHYS 69800. Offered on demand only. Prerequisite: Graduate student in good standing. (IRR)
3 Credits

Business-Grad (BGRD)

BGRD 50200 Taxation for Managers (NLA)

Study of income tax provisions relating to individuals, corporations, partnerships, exempt entities, gifts, and estates, including sophisticated tax provisions such as corporate liquidations, international transactions, and tax planning for managers. Students will solve complex tax problems through the use of a tax service and obtain practical experience in locating applicable code sections, regulations, IRS rulings, and court decisions. Prerequisite: ACCT 49300.
3 Credits

BGRD 50300 Governmental and Nonprofit Accounting (NLA)

This course examines the accounting principles and practices of governmental and nonprofit organizations. Topics include: regulatory bodies and standards, the conceptual framework for financial reporting, fund accounting, preparation of financial statements, audit issues related to governmental and nonprofit organizations, and tax compliance issues for nonprofits. (Y)
3 Credits

BGRD 50400 Advanced Financial Reporting (NLA)

Detailed study of special topics in financial reporting, including business combinations, partnerships, branches, foreign currency transactions, and government and not-for-profit accounting. Other topics will vary to reflect recent professional pronouncements and emerging financial reporting issues. Prerequisites: ACCT 34600; graduate standing; (open to seniors by permission of the MBA Program Director). Required for M.S. in Accounting. (Y)
3 Credits

BGRD 50500 Accounting Practicum

Supervised work experience in audit, tax, and accounting in a C.P.A. firm, at various tax preparation sites, or in an organization where responsibilities include nonroutine projects requiring analysis and decision making. Professional skills are emphasized. Open to seniors by permission of the MBA Program Director.
3 Credits

BGRD 50900 Pre-MBA Module: Marketing

An introduction to how products pass through the latter parts of the value chain. The course covers basic concepts related to the creation and delivery of products, both tangible and intangible. Topics include environmental analysis; customer behavior; market segmentation; targeting; positioning; and the marketing mix (product, price, distribution, and integrated marketing communications). Prerequisite: Undergraduate degree.
2 Credits

BGRD 51000 Pre-MBA Module: Operations Mgmt

An introduction to how products pass through the first part of the value chain, from sourcing to goods production or service execution. The course covers basic concepts related to the creation and delivery of products, both tangible and intangible. Topics include strategy; supply chain management; goods production and service delivery; quality control; inventory, forecasting, and planning; and information technology applications. Prerequisite: Undergraduate degree.
2 Credits

BGRD 51100 Pre-MBA Management Module

Introduction to the characteristics and processes of individuals, groups, and organizations that affect behavior within an organization. Attention is also given to the roles, functions, and principles of management and leadership relevant to the needs of managers. Prerequisite: graduate standing. (Y)
2 Credits

BGRD 51200 Pre-MBA Accounting Module

An introduction to the measurement and reporting concepts underlying the accounting system for communicating information to an organization's internal and external decision makers. The course examines the use of accounting information in both investment and management decision making. Topics include preparation of financial statements; the role of ethics in accounting decision; valuation and reporting issues; cost volume profit analysis; planning, product costing, and special reports for managerial use.
4 Credits

BGRD 51400 Pre-MBA Finance Module

An introduction to the financial theories, principles, and analytical approaches used by managers in corporate financial decision making. Topics include the use of financial statements for analysis of liquidity, asset, debt, and profitability management; financial forecasting; concepts of risk, return, and valuation of stocks and bonds of publicly traded companies; appropriate mix of debt and equity in a firm's capital structure; capital budgeting criteria and evaluation of investment projects; dividend policies; international corporate finance; and mergers and acquisitions issues.
4 Credits

BGRD 51500 Marketing Research

Introduction to the design and application of research methodology and the most common and practical problems associated with marketing research. Emphasis is on survey methods focusing on questionnaire construction, data collection, and analysis. Graduate students are required to complete an extra course requirement. Prerequisite: Graduate standing.
3 Credits

BGRD 51600 Pre-MBA Law Module

An introduction to the American legal system and the legal environment as it pertains to managers. Topics include the judicial process, constitutional law, issues of discrimination and diversity, criminal law, intentional torts, negligence, product liability, contract law, and selected current topics in law. Prerequisite: graduate standing.
2 Credits

BGRD 54400 Employment Law

A survey of employment law, including employment discrimination, equal pay, workers' compensation, occupational safety and health, and relevant judicial decisions. Graduate students are required to complete an extra course requirement. Prerequisite: Graduate standing.
3 Credits

BGRD 57900 The Business of Entertainment (NLA)

This survey course introduces students to the fundamental aspects and operations of the entertainment and media industries. Students will read and discuss a diverse set of materials that address the production process, project financing, production company management, intellectual property, industry ethics, and more. With each topic, there will be two guest speakers to provide students context and practical information about how management theory is applied in practice. (B)

1.5 Credits

BGRD 58000 Export/Import Operations (NLA)

Overview of the major considerations involved in the export-import process. Exploration of documentation, transportation, marketing, and finance of export-import operations. Discussion of legal aspects and legislative constraints confronting exporters and importers, along with governmental support programs, where available. Concentrations on the relevant issues in exporting from and importing into the United States; parallel examples from other countries are given where information is available. Graduate students must complete additional course requirement(s). (IRR)

3 Credits

BGRD 59000 Seminar in International Business

A capstone course in international business that analyzes a number of cases using knowledge and skills from previous courses in international business or those with global/comparative content. The main objective is to develop a clear understanding of problems and practices of decision making in international business operations. Graduate students are required to complete an extra course requirement. Prerequisite: Graduate standing.

3 Credits

BGRD 59700-59705 Selected Topics in Business

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Graduate students are required to complete an extra course requirement. Offered on demand only. Prerequisite: Graduate standing.

1-3 Credits

BGRD 59714 ST: Managerial Negotiations

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Graduate students are required to complete an extra course requirement. Offered on demand only. Prerequisite: Graduate standing.

1-3 Credits

BGRD 59900 Independent Study in Graduate Business

Intensive study under the supervision of a faculty adviser. Designed to allow graduate students to study wholly new subject matter or to greatly expand the subject matter of a regularly scheduled course. Requires a written proposal and approval of the M.B.A. program director. Independent studies are not allowed during summer session I except under special circumstances as determined by the M.B.A. program director or dean. Prerequisite: Graduate standing.

1-3 Credits

BGRD 60200 Advanced Auditing & Research (NLA)

Case and research-oriented study of topics in auditing. Through a series of cases and related research, students will engage in the practice of auditing using real-world situations as the foundation for technical and theoretical discussions of issues facing the modern auditor. Cases will be chosen to reflect current and emerging topics in the practice of public accounting, financial auditing, fraud investigation, and forensic accounting. Auditing communications tools will also be emphasized.

Prerequisite: ACCT 40600. (Y)

3 Credits

BGRD 60500 Accounting Practicum

Supervised work experience in audit, tax, and accounting in a C.P.A. firm, at various tax preparation sites, or in an organization where responsibilities include nonroutine projects requiring analysis and decision making. Professional skills are emphasized. Prerequisite: Graduate standing.

3 Credits

BGRD 60600 Accounting for Executive Decisions

This course focuses on the use of accounting information for executive planning and control decisions in a global, competitive environment, and emphasizes the application of management accounting concepts and analytical skills to solve technical and behavioral problems. Topics include budgeting, long-term planning, relevant costs for decision making, opportunity cost concepts, divisional control, performance evaluation, and social and ethical impacts of decisions. Prerequisites: Graduate standing.

3 Credits

BGRD 60700 Forensic Accounting (NLA)

This course examines the rapidly evolving and increasingly relevant discipline of forensic accounting and covers the principles and methodology of forensic accounting, fraud detection, and deterrence. Topics include: identifying fraudulent financial statements, skimming, cash larceny, check tampering, billing schemes, payroll and expense reimbursement irregularities, non-cash misappropriations, corruption, and interviewing witnesses. Upon completion of the course, students will have an improved understanding of the motives and techniques used to perpetrate fraudulent activity and the controls available to mitigate this behavior. (Y)

1.5 Credits

BGRD 60800 Contemporary Issues in Accounting (NLA)

The capstone course for the M.S. in Accounting program. Integrates previous accounting coursework while examining advanced topics of current relevance in the profession to enhance students' preparedness for certification and career success. Teamwork is an important component of the course. Prerequisites: Graduate standing, BGRD 50400. (S)

3 Credits

BGRD 60900 Entrepreneurship for the Entertainment Industry (NLA)

This course is designed to provide students with the basic framework for understanding how to develop, fund, and operate a company dedicated to bringing entertainment and media content to the marketplace. The course will cover business formation, financing, product development, product acquisition, distribution, and more. In addition, the production process is explored as well as issues related to negotiations, technology disruption, and professional team building. (FB)

1.5 Credits

BGRD 61000 Managing in a Global Economy

Examination from a global strategic perspective of the management of companies with operations in multiple countries. Lectures, discussions, and analyses of cases are used to study the external environmental influences (economic, political, cultural, etc.) on company strategies; internationalization processes of firms; sources of competitive advantage for companies and countries; advantages and disadvantages of "multi-domestic" versus global strategies; links between strategy and structure in international operations; mode of entry decisions; and management of business functions such as marketing, financing, and human resources from an international perspective. Prerequisite: graduate standing. (Y)
3 Credits

BGRD 61100 Practicum I, Production Management for Film & Television (NLA)

This course requires students to actively engage in experiential learning by operating a multifaceted audio and video production company, South Hill Productions, which is owned by Ithaca College. As part of the Fall semester practicum, students will work independently as well as closely with a regional television station and M.B.A. Program Director to operate a small film/television production company. This company will develop content for licensing and distribution for both the external partner and for other commercial broadcasters. (F)
1 Credit

BGRD 61200 Practicum II, Music Label Management (NLA)

This course requires students to actively engage in experiential learning by operating a multifaceted audio and video production company, South Hill Productions, which is owned by Ithaca College. As part of the Winter semester externship, students will work closely with a major record label and the M.B.A. Program Director to develop and release an A side and B side of a musical single for an artist signed to South Hill Productions. Students will develop a marketing and promotions campaign for the artist as well as overseeing the production and distribution of the artist's single. In addition, the students will oversee the production of a music video for the single and distribution of that video on social media. (IRR)
2 Credits

BGRD 61300 Practicum III, Music Publishing Management (NLA)

This course requires students to actively engage in experiential learning by operating a multifaceted audio and video production company, South Hill Productions, which is owned by Ithaca College. As part of the Spring semester externship, students will work closely with external partners and the M.B.A. Program Director to operate a small music publishing company. Students will develop and market an online royalty-free production music library as well as bespoke music cues for use by advertising agencies, production supervisors, and independent content producers. (S)
1 Credit

BGRD 61400 Practicum IV, Live Music Production and Management (NLA)

This course requires students to actively engage in experiential learning by operating a multifaceted audio and video production company, South Hill Productions, which is owned by Ithaca College. As part of the Summer semester externship, students will work closely with a music promoter and the M.B.A. program director to help organize, market, and operate a regional music festival. Students will help with the marketing, promotion, logistics, and operation of a summer music festival. (U)
2 Credits

BGRD 61500 Business Analytics

An application-based course that emphasizes linear programming, model development, and the proper use of analytical decision-making methods in the business environment. Topics include transportation and transshipment models, nonlinear and linear optimization, project scheduling, simulation, and forecasting. (Y)
3 Credits

BGRD 61600 Negotiations for Entertainment & Media Industries (NLA)

Negotiation is the science of securing agreements between two or more interdependent parties. Particularly important in industries with short-term relationships between individuals and organizations, negotiating skills are critical for entertainment and media professionals. The central issues of this course deal with understanding the behavior and relationships of individuals, groups, and organizations in the context of cooperative and competitive situations. The course is designed to build a negotiation skill-set that can be applied to a broad set of situations in organizations as well as your personal life. A basic premise of the course is that while you need analytic skills to discover optimal solutions to problems, a broad array of skills are needed for these solutions to be accepted and implemented. The course will allow participants the opportunity to develop these skills experientially and to understand useful analytic frameworks. Considerable emphasis will be placed on simulations, role plays, and cases. (F,Y)
3 Credits

BGRD 61700 Business Analytics (NLA)

An application-based course that emphasizes developing analytical and quantitative skills to help managers make decisions based on data. Entertainment and media industries, being digital, are awash in data, making proper analysis a critical managerial tool. Course includes statistical and optimization models and the proper use of analytical decision-making methods in the business environment. Topics include nonlinear and linear optimization, predictive models, project scheduling, simulation, and forecasting. (S,Y)
3 Credits

BGRD 61800 Organizational Structure, Processes, & Leadership (NLA)

It is often said that an organization's structure determines its function. However, structure also determines how an organization is led, what types of interpersonal relationships form (and the formality of those relationships), as well as the degree to which important work outcomes such as employee motivation, satisfaction, and well-being are expressed. Therefore, leadership represents a key element in any organization's structure. Prospective managers need to understand how organizational design, communication channels, decision-making processes, and various approaches to leadership, to name a few, impact individual and team performance. Accordingly, this course will introduce MBA students to concepts pertaining to organizational structure and its relevance to employees in the first half of the semester, and then hone in on leadership theories and concepts (i.e., behaviors that managers can learn and practice) in the second half of the semester. Further, in line with the new IC MBA program's mission, the primary context used in the course will be the entertainment industry. Given recent scandals that have plagued the workplace in general – and the entertainment industry in particular – training future leaders to understand the impact of organizational processes and to practice effective and ethical leadership has become imperative. Module I investigates the impact of individuals, groups, and organizational structure on people's behavior for the purpose of improving firm effectiveness. In particular, the module's focus will be on how the structure of a firm impacts or is impacted by various organizational phenomena such as firm culture, conflict resolution and stress, decision-making, attitude development, and leadership. The module will also attempt to get graduate students to reflect on their "place" within organizations and to come as close as possible to predicting the type of structural environment that promises to fulfill their potential as employees in the near future. Module II uses both a theoretical and a practical approach to, a) set the foundation for individual leadership development, and b), provide insight into the complexities and paradoxes of leadership in organizations. The module will facilitate the development of each student's emotional intelligence and leadership style, and will provide students the opportunity to challenge themselves and each other in determining effective leadership approaches to complex organizational issues. Specifically, the module will address self-awareness, self-regulation, motivation, social skills and empathy, as well as leading teams, creating a vision of the future, and setting an organizational direction. We will explore these topics through cases, readings, in-class discussions and simulations/exercises, with a particular focus on the arts and entertainment industry. (S,Y)

3 Credits

BGRD 62100 Global Dimensions of the Entertainment and Media Industries (NLA)

This course provides students with a framework for understanding the entertainment industry at a global level. More specifically, it examines the socio-cultural, political, legal, technological, and economic factors that affect this industry in various countries, along with the competitive dynamics that shape firms' strategies, both domestic and international. (F,Y)

3 Credits

BGRD 62200 Finance & Economics in the Entertainment Industry (NLA)

This course covers economic issues and financial decision-making tools with an emphasis on the entertainment industry. It begins with a broad introduction to the macro-and micro economics topics such as national income accounts, interest rates, international trade, industry structures, business cycles, federal reserve system, fiscal and monetary policies, social and private goods, principle of supply and demand, price determination, utility maximization, elasticity, and distribution of income. The second half of the course focuses on financial decision-making tools, time value of money, asset valuation, sources of long and short-term financing, capital budgeting evaluation techniques, forecasting cash flows, and mergers. (S,Y)

3 Credits

BGRD 62500 Accounting for the Entertainment Industry (NLA)

This course is designed for students who have minimal previous training or experience in accounting. It focuses on the preparation and use of accounting information for planning and control decisions in a global, competitive environment, and emphasizes the application of accounting concepts and analytical skills to address technical accounting issues related to the entertainment industry. Where appropriate, financial statement analysis or ratio analysis will be incorporated to facilitate a deeper understanding of the material. Students will demonstrate their knowledge of the material in three ways: exams, case studies, and participation/article discussions. (F)

3 Credits

BGRD 62600 Legal Environment of the Entertainment & Media Industries (NLA)

This course provides students a detailed explanation of the multitude of legal considerations surrounding the entertainment and media industries. Students will read, assess, and discuss a diverse set of case studies that address copyright law, trademark law, industry contracts, publicity rights, compensation, project finance, and more. (S)

3 Credits

BGRD 63200 Corporate Financial Management

Valuation techniques and capital budgeting; risk analysis and capital market theories; capital structure policies; advantages and limits of leverage; nature and scope of long-term financing; financial planning and short-term financing techniques; mergers and acquisitions; financial distress; and international corporate finance. Lectures and analyses of cases are employed to discuss theories and test their applications.

3 Credits

BGRD 63400 Marketing in a Digital World I (NLA)

Explores marketing of entertainment content, specifically from the perspective of how product and distribution decisions work in a digital world. Reviews major elements of developing a marketing plan, including strategy and environmental scanning, buyer behavior, market segmentation and targeting, and the marketing mix. Each is applied to the creation, delivery, and consumption of content with numerous substantive applications to current practice in audio and video entertainment. (F,Y)

2 Credits

BGRD 63500 Marketing in a Digital World II (NLA)

Explores marketing of entertainment content, specifically from the perspective of how product and distribution decisions work in a digital world. Reviews major elements of developing a marketing plan, including strategy and environmental scanning, buyer behavior, market segmentation and targeting, and the marketing mix. Each is applied to the creation, delivery, and consumption of content with numerous substantive applications to current practice in audio and video entertainment. (S,Y)

2 Credits

BGRD 64000 Marketing Management

Fundamental marketing topics, including marketing research, product design, distribution, pricing, and promotion of goods and services. Ethical considerations and issues in multinational marketing are emphasized. The marketing environment is also covered as it affects decision making. The course combines theory with applications through required readings, analyses of cases, and research projects.

3 Credits

BGRD 64100 Marketing: Electronic Commerce

Addresses the growth of the Internet, its emerging role as a marketing medium, and, in light of marketing-mix variables, its advantages and disadvantages relative to traditional marketing practices. Several industries where the web shows the greatest potential for growth are studied in detail: news, entertainment, travel, tourism, and financial services. Students learn how to create web pages, how to design online survey forms, and how to analyze survey responses using statistical software. Most of the information needed for this course is available directly from the Internet. Prerequisite: graduate standing.

3 Credits

BGRD 64200 Capstone in Entertainment and Media Industries (NLA)

This course is designed to be the culminating experience of the MBA in Entertainment and Media program. To that end, the students will take all of their newly accumulated knowledge and experience to prepare a business plan. The business or project that they propose will advance the efforts of South Hill Productions, one of our external partners' operations, or an entrepreneurial effort of their own. (U)

2 Credits

BGRD 65000 Organizational Structure and Processes

An examination of the organizational structure, processes, leadership, and behaviors involved in the operation of the business enterprise and the management of change. Examines the human factors impacting leadership and teamwork, including interpersonal effectiveness, group processes, conflict, personal values, diversity, and ethical issues.

Prerequisite: Graduate standing.

3 Credits

BGRD 65100 Professional and Organizational Development (NLA)

This course familiarizes M.B.A. students with critical aspects of professional and organizational development through pertinent literature and application of best practices. The first half of the course focuses on career and personal development. Students will explore professional development strategies and how career success is perceived and obtained. The second half of the course focuses on developing the key skills needed to be organizational problem solvers and agents of change. Students will analyze organizational problems and responses. Topics include identifying, diagnosing, and analyzing problems; planning responses; mobilizing resources; decision making; facilitating change; and evaluating potential risks, consequences, and outcomes.

Prerequisite: Graduate standing. (IRR).

3 Credits

BGRD 65200 Federal Tax Research (NLA)

This course covers tax research and methodology. It examines the primary sources of income tax law; the Internal Revenue code and administrative and judicial interpretations. The research process will be analyzed, including procedures involved in accessing tax law in written and electronic form, and determining the weight of authority from various sources. Practical written and computerized assignments will be completed using research tools to locate, understand and interpret primary source materials. The course will also explore the skills required to communicate the tax results. Prerequisites: ACCT 49300; graduate standing. (F)

3 Credits

BGRD 65300 Taxation of Property Transactions (NLA)

This course covers the income tax treatment of gains and losses resulting from disposition of various kinds of property by different taxpayers. It considers the mechanics of computing gain and loss, the definition of a capital asset, determination of basis and holding periods, recognition and nonrecognition of gain or loss, and tax consequences of dispositions of special kinds of property. Prerequisites: ACCT 49300; graduate standing. (S)

3 Credits

BGRD 65400 Taxation of Partnerships and Partners (NLA)

This course involves an introduction to and general overview of the provisions of Subchapter K. This course begins with definitional aspects of partnerships and distinguishes other taxable entities and tax consequences incident to formation of a partnership. Also covered are operational aspects, including selection of a taxable year, determination of the partners' distributive share and allocations, and consequences of termination of the partnership. Transactions between controlled partnerships and between a partner and the partnership, including guaranteed payments, are discussed. The tax consequences to both the seller and buyer of partnership interests are examined. Partner's tax basis and distributions of partnership property (both operating and liquidating distributions) are examined in detail throughout the course. Prerequisites: ACCT 49300; graduate standing. (S)

3 Credits

BGRD 65500 Tax Ethics, Practice and Procedure (NLA)

This course covers federal taxation practice and procedure including the entire scope of practice before the Internal Revenue Service (IRS). Topics covered include: organization of the IRS, examination of returns, evidentiary privileges, penalties, and interest, methods of proof, criminal tax procedure, private rulings and determination letters, and claims for refunds, and ethics. (Y)

3 Credits

BGRD 65600 Fraud Law (NLA)

Legal aspects of fraud examination is preparation for managers and accountants to recognize and understand major legal issues they will confront in business as they are related to fraud and fraud detection. Aspects of law are introduced through comprehensive readings and the application of law to hypothetical problems in the area of fraud. (Y)

1.5 Credits

BGRD 66000 Sustainable Practices in Operations and Technology

An integrated view of the operations management in organizations from a senior management application perspective. Covers topics such as sustainable development, lean operations, business modeling, theory of constraints, life cycle design, six sigma, and advanced technologies. Focuses on the application of these concepts to problem-solving and case analyses. Prerequisites: Graduate standing; BGRD 61500. (Y)

3 Credits

BGRD 67000 Commercial Law

Introduction to the concepts, rules, and principles that form the foundation of Uniform Commercial Code law. Students become aware of potentially serious legal situations; learn legal language to discuss such situations; learn how and when to contact an attorney; and learn specific rules and regulations of laws governing negotiable instruments, secured transactions, bulk transfers, bankruptcy, principle agency (employment law), warranties, product liability, contracts, and business formation. Prerequisite: Graduate standing.

3 Credits

BGRD 67100 Law for Managers

Preparation for managers to recognize and understand major legal issues they will confront in business. Aspects of law are introduced through comprehensive reading and discussion. Applied aspects include learning negotiation, mediation, and arbitration techniques; learning how to hire and work with legal counsel; and preventive law approaches to discrimination, criminal, and corporate issues. Prerequisite: Graduate standing.

3 Credits

BGRD 68000 Strategic Planning and Business Policy (NLA)

An examination of how organizations gain and sustain competitive advantage in a global environment, and how business policies and corporate strategies are successfully planned, implemented, and executed. The course emphasizes integration of functional areas of business through case analysis and the development of skills for thinking strategically about organizations from a general management perspective. Prerequisites: BGRD 60600; BGRD 63200; BGRD 64000; BGRD 65000; and BGRD 66000. (U,IRR)

3 Credits

BGRD 69700-69708 Selected Topics in Graduate Business

Special courses may be offered that include topics of interest to faculty and students. This arrangement permits offerings to be responsive to evolving faculty and student interests. This course may be repeated for different selected topics (for a total of no more than of selected topics courses). Prerequisite: Graduate standing.

3 Credits

BGRD 69800 Internship in Graduate Business

Supervised, off-campus work experience in a sponsoring organization. Provides advanced, hands-on managerial experience through direct and meaningful participation in management-level projects and/or consultative assignments that are significant in scope and at a level of responsibility appropriate for graduate degree credit. Prerequisites: Successful completion of in graduate business and permission of the M.B.A. program director. (FS)

1-3 Credits

Chemistry (CHEM)

CHEM 52100 Advanced Organic Chemistry (LA)

Advanced Organic Chemistry.

3 Credits

CHEM 53200 Bio-Organic Chemistry (LA)

Advanced study of the modern interface of chemistry and biology, as well as an examination of current developments in biotechnology. Topics include combinatorial chemistry and modern synthetic methods, protein engineering, innovative approaches to drug design, enzyme mimics, and in vitro evolution of functional biopolymers. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

CHEM 54000 Inquiry and the Nature of Science for the Science Teacher

Considers issues pertaining to the nature and practice of science, especially as they relate to science education. Explores aspects that distinguish scientific inquiry from other forms of inquiry. Examines safety issues of teaching science in a classroom, and teaching science in the context of the community. Cross-listed with BIO 54000, ENVS 54000, and PHYS 54000. Students can receive credit for only one of: BIOL 54000, CHEM 54000, ENVS 54000, and PHYS 54000. Prerequisites: Graduate student in good standing. (IRR)

3 Credits

CHEM 54100 Science Topics Every Science Teacher Should Know (LA)

Review of the major science topics all science teachers should know as recommended by the National Science Teachers Association. Cross-listed with BIOL 54100, ENVS 54100, and PHYS 54100. Students can receive credit for only one of: BIOL 54100, CHEM 54100, ENVS 54100, PHYS 54100. Prerequisite: Graduate student in good standing. (F, Y)

3 Credits

CHEM 54200 Computational Chemistry (LA)

Advanced study of the theoretical aspects of computational modeling, its utility and limitations in predicting electronic structures, molecular geometries, chemical dynamics, and chemical reactivity. In addition, the student will gain a hands-on, working knowledge of modern computational methods. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

CHEM 55200 Instrumental Analysis (LA)

Advanced study of the principles and applications of modern analytical instrumentation through hands-on experience with a wide variety of instrumental techniques. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

CHEM 69100 Independent Research in Chemistry

Original research participation with a faculty member in a specialized field. Designed to strengthen the student's understanding of the nature of science, science research methodology, and the scientific literature. Course may be repeated for credit, up to a maximum of Offered on demand only. Prerequisite: Permission of instructor. (IRR)

3-6 Credits

CHEM 69800 Education Research for the Science Teacher (LA)

Original research participation with a science education faculty member. Designed to strengthen student understanding of science education research methodology and the science education research literature. Cross-listed with BIOL 69800, ENVS 69800, and PHYS 69800. Students can receive credit for only one of: BIOL 69800, CHEM 69800, ENVS 69800, PHYS 69800. Offered on demand only. Prerequisite: Graduate student in good standing. (SU, IRR)

3 Credits

Communications Innovation (EXCO)

EXCO 50000 Innovation and Collaboration

Innovation and collaboration are at the heart of organizations' ability to survive and thrive, and they are central to individuals' participation in the future of communication. Basic concepts, principles, tools, techniques, and processes of design, research, creativity, innovation, and collaboration are introduced through authentic learning activities. Preparation for individual design inquiry (R&D) projects is begun. Course meets during initial program residency, then online. Required. (SUM,Y)

3 Credits

EXCO 60000 Emerging Media: Principles and Theories

An examination of the fundamental psychological and sociological principles and theories that inform the design of emerging media. Students will analyze various emerging media and apply the fundamental principles, theories, and media effects that persuade, teach, entertain, inspire, and inform. Required. Prerequisite: EXCO 50000. (IRR)
1 Credit

EXCO 60200 Story as Solution (NLA)

An exploration of story in myriad forms designed to provide students with both an understanding of the importance of story in all aspects of communications and a foundation in the principles of dramatic structure that they may apply to projects in their own field. Required. Prerequisite: EXCO 50000. (IRR)
1 Credit

EXCO 60400 Media Ethics and Governance (NLA)

Examines contemporary and emerging regulatory issues that impact communication and media industries and organizations around the globe. Introduces influential ethical theories and perspectives, explore changing societal demands and expectations of media creation and media use. Prerequisites: EXCO 50000. (IRR)
1 Credit

EXCO 60500 Intellectual Property and Business Contracts

Discussion and readings pertaining to current legal issues in selected fields such as intellectual property; contracts; negotiation; and managing the attorney relations. Preparation for managers to recognize and weight options with regard to legal issues they will encounter in business. Aspects of law are introduced through comprehensive reading and application to hypothetical problems. Required. Prerequisites: EXCO 50000. (IRR)
1 Credit

EXCO 60700 Analytics for Communications Management (NLA)

Data analysis applies to a world that goes beyond business decisions - information influences every aspect of our lives. An examination of the importance of quantitative and qualitative data analysis in the decision-making process across communication related industries. This course provides executives with the basis for understanding quantitative and qualitative data collection both in terms of how the data are collected, and also how the data can be analyzed to make well informed managerial decisions. A hands-on data analysis project is required. Required. Prerequisites: EXCO 50000. (IRR)
1 Credit

EXCO 60800 Consumer Behavior: Theory and Application

An examination of theoretical perspectives, decision making and the internal limitations and external influences on human consumptive activities. This course provides Executives with the basis for a consumer orientation that can be used when creating their final project in their respective fields. (1 cr.; Prerequisite: EXCO 50000. (IRR)
1 Credit

EXCO 60900 New Venture Finance: Startup Funding for Entrepreneurs (NLA)

Exploration of media economics with a focus on developing business plans for entrepreneurs and managers. Introduction to historic and digital communication models; database research emphasizing public records; basic finance and accounting principles; and exploring how new media ventures become realized. Students research a business plan and develop a revenue model for their media venture. Prerequisites: EXCO 50000. (IRR)
1 Credit

EXCO 61000 Introduction to Global Leadership (NLA)

Explores the broad range of skills required by successful global leaders, beginning with introspection and moving to methods and concepts to support our external interactions. It starts with awareness of self, mindfulness and personal values. These factors influence our interactions with our teams. From there the course delves into cross-cultural competency and moves to the skills which need to be mastered to be an impactful global leader: creating a global vision, empowering people, embracing diversity, managing change & conflict, ethics & integrity and overcoming obstacles. Prerequisites: EXCO 50000. (IRR)
1 Credit

EXCO 61101-61113 Selected Topics in Communications Innovation

Intensive on-site investigation of a particular current topic, case study, or issue in the field. Examples of topics include mobile media technologies, immersive user experiences, emerging regulatory issues, and globalization of media content. Students will spend several days in study and dialogue with scholars and practitioners at a selected location. Elective. Two to Three credits each (up to Ten credits total).
2-3 Credits

EXCO 61114 ST: Communications Innovation (NLA)

Intensive on-site investigation of a particular current topic, case study, or issue in the field. Examples of topics include mobile media technologies, immersive user experiences, emerging regulatory issues, and globalization of media content. Students will spend several days in study and dialogue with scholars and practitioners at a selected location. Elective. each (up to total). (IRR)
2-3 Credits

EXCO 61115-61120 Selected Topics in Communications Innovation (NLA)

Intensive on-site investigation of a particular current topic, case study, or issue in the field. Examples of topics include mobile media technologies, immersive user experiences, emerging regulatory issues, and globalization of media content. Students will spend several days in study and dialogue with scholars and practitioners at a selected location. Elective. each (up to total). (IRR)
2-3 Credits

EXCO 61121 ST: Communications Innovation

Intensive on-site investigation of a particular current topic, case study, or issue in the field. Examples of topics include mobile media technologies, immersive user experiences, emerging regulatory issues, and globalization of media content. Students will spend several days in study and dialogue with scholars and practitioners at a selected location. Elective. Two to Three credits each (up to Ten credits total). (IRR)
2-3 Credits

EXCO 61122 Selected Topics in Communications Innovation Leadership (NLA)

Intensive on-site investigation of a particular topic, case study, or issue in the field. Examples of topics include executive leadership, design thinking, culture change, organization and in practice communication. Students will spend several days in study and dialogue with scholars and practitioners at a selected location. Ithaca College campus. Prerequisites: EXCO 50000. (IRR)
2 Credits

EXCO 61200 Research and Development Project I

Development of an extensive proposal for a new media genre, platform, production or economic model, or program. The proposal must include a literature / business review, rationale, design statement, and business plan and will draw upon previous coursework. Open only to students who have completed at least and who have gained approval of the program director. Required. Prerequisite: EXCO 50000 and completion of taken from any combination of EXCO 60000, 60100, 60200, 60300, 60400, 60500, 60600, 60700, 60800, 60900, 61000, and 61101-61199. (IRR) 3 Credits

EXCO 61300 Research and Development Project II

The degree capstone, involving the development of a prototype for a new media genre, program, platform, production system, or economic model, based on an approved project proposal developed in R&D Project I. Students will deliver a persuasive presentation before a panel of faculty and students to outline the key innovative and practical aspects and to synthesize key theories and competencies learned in the previous required courses. Required. Prerequisite: EXCO 61200 and approval of the Program Director. (IRR) 3 Credits

EXCO 62000 Change Management (NLA)

The process of change and change management that focuses on the necessity of change in today's globally competitive environment. The type and manner of change taking place within organizations, and identifying the key challenges and opportunities associated with each kind of change. Required. Prerequisites: EXCO 50000. (IRR) 1 Credit

EXCO 62500 Global Product Management: Bringing Concept to Reality (NLA)

Study the process of taking an idea and making it a reality requires a systematic methodology to examine options, understand the marketplace and create a product experience. One of the critical skills is how to take subjective concepts and convert them to objective measures to allow entrepreneurs to examine multiple options or approaches. This course will cover the Product Opportunity Gap (POG), the Social, Economic, and Technology (SET) aspects of a product or service, product performance, AND experience, brand strategies, new product planning & development, understanding user's needs, wants and desires, and the product-service ecosystem. Required. Prerequisites: EXCO 50000. (IRR) 1 Credit

EXCO 63000 Communication Theory to Practice: A Case Studies Approach (NLA)

Designed to give an overview of the theoretical approaches and theories in communication across a variety of context — foundational topics in organizational communication, mass communication, communication technology and diffusion of innovation theory. Case studies are used to demonstrate in-depth applications of communication theory in real-life situations. Required. Prerequisites: EXCO 50000. (IRR) 1 Credit

Education (EDUC)

EDUC 50000 Professional Development Seminar

Seminar in the development of a personal philosophy of education; the preparation of a professional portfolio; and the design, completion, and presentation of an action research project. Students must pass two summer semesters of this course, one in the first summer of the program, and the other in the final summer of the program. Required. Pass/fail only. (Sum) Attributes: TE 0 Credit

EDUC 50100 Literacy Development for Linguistically Diverse Learners (LA)

Study of the acquisition of a new language and implications for pedagogical practices in K-12 education. Topics include the role of culture in language acquisition, stages and processes in the development of an additional language, facilitating oral and written language acquisition, teaching and learning in the content areas for language learners, culturally and linguistically appropriate assessments for language learners, relevant laws and policies that guide practice, and methods for collaborating with linguistically diverse families. Prepares teacher candidates for a related field experience. (Y) Attributes: TE 3 Credits

EDUC 50300 The Exceptional Child and the Classroom (NLA)

Analysis of the instructional elements, modifications, and behavioral management techniques for the unique needs of exceptional children in middle and secondary, subject-specific class settings; explores the role of teachers and other school professionals and parents in providing services to these students; development of appropriate I.E.P.s and review of state and federal laws governing students with disabilities. (SU,F,Y) Attributes: TE 3 Credits

EDUC 50510 Pedagogy and Practice for the Mathematics Teacher (NLA)

Examination of current research and practice in the effective teaching of mathematics at the middle and high school levels. Focus on national and state standards in mathematics, instructional planning and differentiation, appropriate use of technology, approaches to assessment, and the integration of literacy in the mathematics curriculum. Introduction to professional organizations, journals, and resources. Field experience required. Prerequisite: Graduate student in good standing or permission of instructor. (F, Y) Attributes: TE 3 Credits

EDUC 50810 Pedagogy and Practice across the Disciplines (NLA)

Research and practice in models of teaching, motivation, and classroom management that span the disciplines and promote effective teaching at the middle and high school levels. Emphasis on instructional planning, assessment of student learning, differentiation, and the integration of literacy across the disciplines. Introduction to structured observation, reflective practice, and action research. Field experience required. Prerequisite: Graduate student in good standing or permission of instructor. Attributes: TE 3 Credits

EDUC 50910 Pedagogy and Practice in the Teaching of Social Studies (NLA)

Examination of current research and practice in the effective teaching of social studies at the middle and high school levels. Focus on national and state standards in social studies, mastery of theoretical concepts and their application in the classroom, instructional planning and differentiation, appropriate use of technology, approaches to assessment, and the integration of literacy in the social studies curriculum.

Introduction to professional organizations, journals, and resources. Field experience required. Prerequisite: Graduate student in good standing or permission of instructor. (F, Y)

Attributes: TE

3 Credits

EDUC 51010 Pedagogy and Practice for the Science Teacher (NLA)

Examination of current research and practice in the effective teaching of science at the middle and high school levels. Focus on national and state standards in science, instructional planning and differentiation, appropriate use of technology, approaches to assessment, laboratory organization and safety, and the integration of literacy in the science curriculum. Introduction to professional organizations, journals, and resources. Field experience required. Prerequisite: Graduate student in good standing or permission of instructor. (F, Y)

Attributes: TE

3 Credits

EDUC 51110 Pedagogy and Practice for the English Teacher (NLA)

Examination of current research and practice in the effective teaching of English at the middle and high school levels. Focus on national and state standards in English language arts, instructional planning and differentiation, appropriate use of technology, approaches to assessment, and support for students' literacy development. Introduction to professional organizations, journals, and resources. Field experience required. Prerequisite: Graduate student in good standing or permission of instructor. (F, Y)

Attributes: TE

3 Credits

EDUC 51210 Seminar in Reflective Practice (LA)

Taken concurrently with EDUC 60000. Critical reflection on teaching and learning, including content knowledge, planning and instruction, positive learning environment, diversity, technology, assessment, collaboration and outreach, and professional development. Literacy issues and methodologies. Teachers as action researchers. Prerequisite: Graduate student in good standing. (Y)

Attributes: TE

3 Credits

EDUC 51310 Pedagogy and Practice of Teaching Languages Other Than English (NLA)

Examination of current research and practice in the effective teaching of languages other than English at the middle and high school levels. Focus on national and state standards in the teaching of modern languages, instructional planning and differentiation, appropriate use of technology, approaches to assessment, and issues related to second language acquisition and literacy development. Introduction to professional organizations, journals, and resources. Field experience required. Prerequisite: Graduate student in good standing or permission of instructor. (F, Y)

Attributes: TE

3 Credits

EDUC 53200 Educational Programs in Agricultural Science (NLA)

Provides an overview of the organization and structure of programs and curriculum in agricultural science and the professional responsibilities of teachers in agricultural science education. Principles of developing and managing courses, instructional materials, curriculum, and programs in agricultural science education will be discussed. (F, Su, Y)

3 Credits

EDUC 53500 Youth Leadership and Organizations (NLA)

Provides a comprehensive overview of the elements of youth leadership and their relationship to youth organizations. Examines factors affecting membership, purpose, design, operation, and administration of career and technical student organizations, including FFA and 4-H. Field experience required. (F, Su, Y)

3 Credits

EDUC 53800 Advanced Concepts in Agricultural Education (NLA)

This course focuses on advanced concepts in three overarching areas: agriculture laboratory and program establishment, curriculum and program diversity, and professional development and support networks. (F-Su, Y)

3 Credits

EDUC 56500 Educational Technology for Childhood Educators (NLA)

Examines the theory and practice of educational computing and technology. Emphasis is on applying and integrating technology to enhance pedagogy and practice. Project oriented, focusing on designing products for instructional activities and environments with various technologies. (Y)

3 Credits

EDUC 56600 Educational Technology for Middle and Secondary Educators (NLA)

Examines the theory and practice of educational computing and technology. Emphasis is on applying and integrating technology to enhance pedagogy in classroom and online environments. Project oriented, focusing on designing products for instructional activities and online environments with various technologies. (Y)

3 Credits

EDUC 59900 Independent Study in Education (LA)

Study with a faculty member on specific problems in education. Written proposal to the graduate chair, describing the terms of the particular project, is required. Prerequisites: Permission of instructor. (IRR)

1-3 Credits

EDUC 60000 Professional Semester in Education (NLA)

A full semester of observation and supervised teaching at both the middle and high school levels. Additional coursework may not be taken without permission of department chair and coordinator of teacher education. Prerequisites: One of the following: EDUC 50510, EDUC 51010, EDUC 51110, EDUC 51210, EDUC 51310, or EDUC 65000. (FS,Y)

Attributes: TE, UND

6 Credits

EDUC 60500 Foundations of Language, Literacy, and Culture

Study of research and theory related to literacy development, early childhood through adolescence. Includes attention to language and literacy in inquiry, literacy in diverse families and communities, literate practices inside and outside of classrooms, biliteracy and literacy across cultures, psycholinguistic theories of reading, reader response, and the research on literacy methods, curricula, and texts commonly used in classrooms. (Y, Summer)

3 Credits

EDUC 61000 Teaching and Learning in Diverse Elementary Schools

This course provides an overview of the elementary school curriculum and environment; the roles and responsibilities of childhood educators; the relationship of school, family, and community; research on effective teaching and schooling; principles and practices of motivation, management, and social interaction; and strategies for planning, teaching, and assessing. Emphasis on culturally responsive teaching in diverse school settings. Prerequisite: Graduate student in good standing, or permission of instructor. Required. (Y)

Attributes: TE

3 Credits

EDUC 62000 Curriculum and Instruction in Elementary School Social Studies

This course focuses on the content and design of the social studies curriculum in the elementary school; current research, theory, and standards in social studies; strategies for instruction, differentiation, and assessment; and available resources. Integration of literacy and technology. Emphasis on community and citizenship, critical thinking, multidisciplinary approaches, and the use of primary resources. Field experience required. Prerequisite: Graduate student in good standing, or permission of instructor. Required. (Y)

Attributes: TE

3 Credits

EDUC 63000 Curriculum and Instruction in Elementary School Science

This course focuses on the content and design of the science curriculum in the elementary school; current research, theory, and standards in science; strategies for science instruction, differentiation, and assessment; laboratory procedures and safety practices; and available resources. Integration of content-area literacy and technology. Emphasis on the development of an inquiry-oriented approach. Field experience required. Prerequisite: Graduate student in good standing, or permission of instructor. Required. (Y)

Attributes: TE

3 Credits

EDUC 64000 Curriculum and Instruction in Elementary School Mathematics

This course focuses on the content and design of the mathematics curriculum in the elementary school; current research, theory, and standards in mathematics; strategies for mathematics instruction, differentiation, and assessment; and available resources. Integration of content-area literacy and technology. Emphasis on children's conceptual understandings of mathematics and the development of pedagogical proficiency for using both "traditional" and "reform" math curricula. Field experience required. Prerequisite: Graduate student in good standing, or permission of instructor. Required. (Y)

Attributes: TE

3 Credits

EDUC 65000 Curriculum and Instruction in Elementary School Language Arts and Literacy (NLA)

This course focuses on the content and design of the language arts and literacy curriculum in the elementary school; current research, theory, and standards in literacy, strategies for literacy instruction, differentiation, and assessment; and available resources. Emphasis on reading processes, writing processes, word study (including phonemic awareness, word analysis, spelling, and vocabulary), listening, speaking, and dramatic expression. Integration of technology. Field experience is required. Prerequisite: Graduate student in good standing, or permission of instructor. (F, Y)

Attributes: TE

3 Credits

English (ENGL)

ENGL 52000 History and Structure of the English Language (LA)

This course will help prepare pre-service teachers to teach language and writing in secondary school English courses. It will investigate elements of the English language necessary for understanding and communicating in written and spoken English, and it will study issues in composition as they relate to the teaching of writing. Emphasis on speaking and writing skills; required research project. Prerequisites: For graduate students in the M.A.T. English program; undergraduates may take the course with the approval of the coordinator of teacher education. (F,SU)

3 Credits

ENGL 53000 Seminar in World Literature (LA)

Courses under this heading explore the literatures of a variety of cultures and periods outside of American literature. These may include Western and non-Western literature, ancient and modern texts, Anglophone literature, and literature in translation. Emphasis on speaking and writing skills; required research project. Prerequisite: Graduate student in good standing or permission of instructor. (F, SU, Y)

3 Credits

ENGL 57000 Seminar in American Lit (LA)

Courses under this heading explore a variety of American texts; these may include novels and short stories commonly taught in the middle school and high school classroom; adolescence and young adult literature; African American and Native American literature; and film or dramatic versions of American literary texts. Emphasis on speaking and writing skills; required research project. Prerequisite: Graduate student in good standing or permission of instructor. (F, SU, Y)

3 Credits

ENGL 59900 Independent Study in English (LA)

For the specifically qualified student, by agreement with a faculty member. Offered on demand only. Prerequisites: Permission of instructor. (IRR)

1-3 Credits

Environmental Studies (ENVS)

ENVS 54000 Inquiry and the Nature of Science for the Science Teacher

Considers issues pertaining to the nature and practice of science, especially as they relate to science education. Explores aspects that distinguish scientific inquiry from other forms of inquiry. Examines safety issues of teaching science in a classroom, and teaching science in the context of the community. Cross-listed with BIO 54000, CHEM 54000, and PHYS 54000. Students can receive credit for only one of: BIOL 54000, CHEM 54000, ENVS 54000, and PHYS 54000. Prerequisites: Graduate student in good standing. (IRR)

3 Credits

ENVS 54100 Science Topics Every Science Teacher Should Know (LA)

Review of the major science topics all science teachers should know as recommended by the National Science Teachers Association. Cross-listed with BIOL 54100, CHEM 54100, and PHYS 54100. Students can receive credit for only one of: BIOL 54100, CHEM 54100, ENVS 54100, PHYS 54100. Prerequisite: Graduate student in good standing. (F, Y)

3 Credits

ENVS 69800 Education Research for the Science Teacher (LA)

Original research participation with a science education faculty member. Designed to strengthen student understanding of science education research methodology and the science education research literature. Cross-listed with BIOL 69800, CHEM 69800, and PHYS 69800. Students can receive credit for only one of: BIOL 69800, CHEM 69800, ENVS 69800, PHYS 69800. Offered on demand only. Prerequisite: Graduate student in good standing. (IRR)
3 Credits

Exercise & Sport Sciences-Grad (ESSG)

ESSG 51200 Theoretical Perspectives of Mental Performance in Sport and Exercise (NLA)

Explains theories, skills, and techniques that impact the description, understanding, and enhancement of mental performance in sport and exercise. Utilizes lecture and cooperative learning strategies to better understand the theoretical perspectives and strategies that influence the mental performances of individual and team sport athletes and coaches. (F,Y)
3 Credits

ESSG 51300 Applications of Mental Performance in Sport and Exercise (NLA)

Design, create, and deliver educational workshops and performance enhancement programs implementing multiple techniques and strategies. Differentiate and explain specific mental performance perspectives. Apply (in a small group setting) practical skills and strategies for enhancing sport and exercise performances in a cooperative learning and workshop environment. (S,Y)
3 Credits

ESSG 51400 Concepts and Theory of Supportive Relationships in Sport (NLA)

Achieve awareness of diverse student-athletes experiences within sport settings. Contrast student-athlete development models and theories related to effective helping from a coaching perspective. Demonstrate helping concepts such as rapport building, basic listening and communication skills. (F,Y)
3 Credits

ESSG 51500 Effective Team Building

Focuses on an understanding of people and the interpersonal communication and leadership skills necessary for effective and cohesive team development. Stages of group development, barriers to change, and conflict resolution are discussed. (SU)
1 Credit

ESSG 51600 Motivation for Superior Performance

Focuses on an understanding of motivation and its importance to performance. Various motivational approaches are discussed, with emphasis on influencing others toward goal adherence and attainment. (SU)
2 Credits

ESSG 51800 Exercise and Rehabilitation Psychology (NLA)

Focuses on personal factors and theoretical perspectives important to understanding exercise behavior. Topics include the mental health aspects of exercise, the biopsychology of stress and disease, the factors that influence exercise participation and adherence, theories of behavior change, interventions to change physical activity behavior, and the psychological factors related to perceived exertion. Students may not get credit for both ESSG 51800 and EXSS 46500. Graduate students have additional workload and responsibilities. (F, Y)
3 Credits

ESSG 52000 Human Movement Biomechanics of Sport and Exercise (NLA)

Explore kinematic, kinetic, and musculoskeletal concepts at the core of human movement biomechanics. Examine biomechanics of select human movement skills focusing on current topics in running, lifting, jumping, landing and throwing. Experiment with laboratory based equipment to perform and interpret biomechanical analyses of human movements using anthropometry, motion analysis / video, force plates, and electromyography. Apply evidence based decision making to solve case studies and examples. This course requires the skills, knowledge, and experience gained in undergraduate biomechanics. (F,Y)
3 Credits

ESSG 52100 Advanced Study in Exercise Physiology (NLA)

The physiological mechanisms that regulate the body's responses and adaptations to exercise. Special physiological considerations of gender, development and aging, obesity, pregnancy, and environmental stress (e.g., altitude, pollution, extreme temperature) are emphasized. Popular pharmaceutical and dietary manipulations used to enhance exercise performance are discussed. Experimental research in exercise physiology is introduced, and limited laboratory experiences are scheduled during class time. Students may not get credit for both ESSG 52100 and EXSS 42100. Graduate students have additional workload and responsibilities. Prerequisites: One course in exercise physiology. (S,F,Y)
3 Credits

ESSG 53500 Special Populations & Exercise (NLA)

Examines the physiological mechanisms that may be altered in clinical populations, and the impact of these alterations on exercise. An emphasis will be placed on understanding the etiology behind populations who have special considerations, such as people with chronic diseases, pregnant women, and people with physical and mental disabilities, as well as the implications for exercise training. Exploration of these clinical populations will occur through lecture and laboratory activities. Basic physiology and the typical response to exercise is reviewed. This course requires the skills, knowledge, and experience gained in an undergraduate exercise physiology course (or equivalent). (S,Y)
3 Credits

ESSG 53800 Strength and Conditioning: Current Concepts and Applications (NLA)

Examine theoretical underpinnings of recent developments in areas of performance testing and athlete monitoring including technological advancements. Evaluate athlete's slow- and fast-moving strength characteristics using various technologies using objective measures. Create sophisticated program designs incorporating basic and advanced periodization models. Prerequisites: ESSG 52000 and ESSG 54000. (S,Y)
3 Credits

ESSG 54000 Physiological Mechanisms of Exercise (NLA)

Explore the metabolic, muscular, cardiovascular, and pulmonary responses and adaptations to exercise in various environmental conditions and how they are coordinated intrinsically and extrinsically by the body. Measure maximum aerobic and anaerobic power, and body composition. Check the reliability and validity of the measures with basic statistical analyses, including co-efficients of variation, correlations, and inferential statistics. Link various lab measures to lecture topics such as substrate selection and the cardiovascular and pulmonary responses to exercise. This course requires the skills, knowledge, and experience gained in undergraduate exercise physiology course. (F,Y)

3 Credits

ESSG 54200 Physiological Mechanisms of Exercise: Systemic Aspects

Focuses on cardiovascular, pulmonary, thermoregulatory, immunological, and renal aspects of exercise, primarily addressing the physiological responses and adaptations these systems undergo with exercise. Data collection using key pieces of laboratory equipment is integrated into the course. Prerequisites: Undergraduate exercise physiology course. (S, Y)

3 Credits

ESSG 54300 Tests and Measurement and Analytics in Sport and Exercise (NLA)

Perform and explore assessments of physical performance and function including tests and measurements of aerobic capacity, anaerobic power, fatigue, speed / agility, body composition and anthropometry, posture and balance, and physical activity. Evaluate reliability and validity of field / clinical assessments compared to gold standard laboratory based assessments. Analyze, manage, and interpret data to incorporate evidence based decision making in prescribing interventions. Prerequisites: ESSG 52000 and ESSG 54000. (S,Y)

3 Credits

ESSG 54400 Multidimensional Assessment of Physical Function

Team-taught survey of the physical functions that affect performance, physical abilities, and activities of daily living (ADL) in various populations. Musculoskeletal function, coordination and motor skills behavior, and body composition are examined as they influence performance decrements, physical dysfunction, pain, and the ability to perform ADLs. Also examined are evaluations of physical function and alternative approaches to movement training so as to enable appropriate recommendation or referral. Prerequisites: Undergraduate exercise physiology and biomechanics or kinesiology. (F, Y)

3 Credits

ESSG 54500 3D Motion Capture for Human Movement Analysis and Evaluation (NLA)

Utilize 3D Motion Capture system to analyze and evaluate human movement for purposes of improving performance or function. Explore reliability, validity, and limitations to technology as an aid to movement assessment for practitioners and scientists. Perform analyzes, evaluate data, and communicate outcomes in written and oral formats. Prerequisites: ESSG 52000. (IRR)

3 Credits

ESSG 54600 Cardiopulmonary Assessment for Exercise

Techniques for assessment of cardiovascular and pulmonary disease as well as functional capacity in these conditions. Emphasis is placed on electrocardiography and maximal grades exercise testing. Other diagnostic techniques (e.g., echocardiography, nuclear imaging) are also presented. Discussion of the impact of assessment information and medications on appropriate exercise prescriptions. Material will help in meeting requirements for certification by outside agencies (e.g., ACSM). Credit may not be received for both this course and EXSS 46400. Graduate students have additional workload and responsibilities. (F,Y)

3 Credits

ESSG 54800 Pathophysiology, Limited Capacity, and Exercise

Study of the pathophysiology of disease and disabling states, the assessment of exercise potential, and the special considerations for the prescription of exercise in these cases. Cardiac and pulmonary rehabilitation and diabetic and special considerations for aging are discussed. Renal disease, osteoporosis, arthritis, brain disorders (e.g., Parkinson's), low back pain, chronic fatigue, multiple sclerosis, and depression are also addressed. Material will help in meeting requirements for certification by outside agencies (e.g., ACSM). Credit may not be received for both this course and EXSS 44800. Graduate students have additional workload and responsibilities. (S, Y)

3 Credits

ESSG 60100 Evidence Based Sport and Exercise Psychology (NLA)

Prepares students for evidence based practice in sport and exercise psychology. The evaluative approach to appraising the research literature will prepare the students to judge evidence on: 1) accuracy and validity of measures for the evaluation of change; 2) monitoring effectiveness of sport psychology interventions; 3) reporting of effectiveness and evaluation of practice in performance planning. Based on case scenarios, students will be required to formulate the key question(s), rapidly search literature databases, perform a critical appraisal of the evidence, and describe application of the evidence in a sport and exercise psychology context to develop the skills necessary to implement evidence-based practice in their careers. Prerequisites: ESSG 51200; ESSG 51300. (U,Y)

3 Credits

ESSG 60200 Diversity in Sport and Exercise (NLA)

Develop the foundation and skills needed for engagement as competent and culturally alert persons entering sport and exercise related professions. Explore issues and trends related to culture, such as ethnicity, race, nationality, gender, sexual orientation abilities/disabilities, immigrant dynamics, and socioeconomic factors which influence working relationships and sport and exercise performances. Engage in self-exploration around your own cultural/race identity and your responses to issues of diversity including bias, oppression, discrimination and the role of privilege. Prerequisites: ESSG 51400. (U,Y)

3 Credits

ESSG 60500 The Development of Expertise in Sport and Exercise (NLA)

Explore the neuropsychology of the development of expertise in sports and motor skills. Explain factors influencing adaptations in central and peripheral neurophysiology, including mindset, training principles, and practice conditions. Contrast approaches to short- and long-term development for healthy and injured athletes from the perspective of athlete and coach. Prerequisites: Two ESSG 500-level courses. (F,Y)

3 Credits

ESSG 61000 Research and Statistics in Exercise and Sport Sciences I (NLA)

Engage in empirical thinking and inquiry in health, exercise and sport sciences. Expand existing knowledge in quantitative literacy and research methodology for graduate education. Develop advanced skills for understanding, conducting, evaluating, using, and communicating research and evidence-based decision making in exercise and sport sciences. (F,Y)

3 Credits

ESSG 61100 Research and Statistics in Exercise and Sport Sciences II (NLA)

Critique advanced research designs in exercise science and conduct advanced statistical analyses. Examine relationships between research questions, research designs and statistical techniques. Design an independent research project covering all stages of the research process (e.g., literature searches, finding a research questions, choosing a research design, data collection and interpretation, identifying limitations, and academic dissemination). This course prepares the student for thesis 1 and independent research. (S,Y)

3 Credits

ESSG 61200 Leadership in Exercise and Sport (NLA)

Examines the importance of developing effective individual, team, and corporate sport leadership. Emphasis is placed on assessing and enhancing leadership qualities, developing strategies for building influential and effective leadership personnel, mentoring (identifying, nurturing, and equipping) leaders, and understanding situational, transformational, charismatic, and servant leadership. Material is presented via small group, seminar, lecture, and student-taught workshop and student-based (cooperative learning) discussion formats. (F,Y)

3 Credits

ESSG 61400 Ethics & Professional Issues in Mental Performance and Coaching (NLA)

Identify and describe ethical concerns and professional issues in mental performance and coaching. Contrast different professional roles in mental performance and coaching. Evaluate competency and training/accreditation standards with specific emphasis on certification requirements (e.g. CMPC, CSCS). Appraise ethics code guidelines of professional organizations (e.g. AASP, SHAPE, ACSM) relevant to sport and exercise settings. Defend ethical responsibilities associated with testing, measurement, and research/evaluation practices. (S,Y)

3 Credits

ESSG 61600 Advanced Communication and Facilitation Skills in Sport and Exercise (NLA)

Appraise advanced communication and facilitation skills for use in sport and exercise settings. Analyze theory and research evidence behind effective communication and facilitative skills. Demonstrate advanced communication and facilitative skills through various structured course discussions of case studies and exercises. Prerequisite: ESSG 51400. (U,Y)

3 Credits

ESSG 61800 Theories and Issues in Performance Enhancement in Sport and Exercise (NLA)

Compare and contrast theories and research related to enhancing mental performance in sport and exercise. Develop programs grounded in theory and based on evidence for mental performance programming and defend programming plans. Observe and critique mental performance training and programming sessions in sport, exercise and performance-based settings. Prerequisites: ESSG 51200; ESSG 51400; ESSG 51300; ESSG 61400. (F,Y)

3 Credits

ESSG 61900 Sport and Exercise Psychology Practicum II (NLA)

Provides and expands on the consulting experience of delivering mental training services in sport and exercise settings started in Sport Psychology Practicum I. Emphasis will be placed on the continued application of advanced theories and the practice of behavior change in sport and exercise, while simultaneously engaged in CMPC mentored independent work in real life sport, exercise and performance based settings. Both individual and group (team) interventions will be mentored/supervised and evaluated. May be repeated for a total of no more than six credits. Prerequisites: ESSG 61800. (F,S)

1-6 Credits

ESSG 62000 Thesis I

Open only to qualified and preapproved students who are preparing a proposal for an original scholarly thesis. Conducted on a conference basis with the thesis adviser, the course culminates in a thesis proposal. The thesis proposal must gain approval of the thesis adviser, thesis committee, and the graduate chair. Guidelines are available from the office of the graduate chair. The completed thesis must gain departmental and graduate office approval. Required for thesis plan.

3 Credits

ESSG 62100 Thesis II

Open only to qualified and preapproved students who are continuing to work on a scholarly thesis. Conducted on a conference basis with the thesis adviser. Guidelines are available from the office of the graduate chair. The completed thesis must gain approval of the thesis adviser, graduate chair, and the graduate dean. Pass/fail only. Required for thesis plan. Prerequisites: ESSG 62000 and approval of thesis adviser and graduate chair. This includes one to three credits repeated for a required total of three credits of ESSG 62100.

1-3 Credits

ESSG 62500 Applied Capstone in Exercise and Sport Science (NLA)

Integrate the Exercise Science (ES) support process into practice through the application of knowledge, skills and abilities developed throughout the Human Performance concentration completing a case study. Conduct a comprehensive needs analysis on a real-world client / athlete. Prepare and present an evidence-based training plan grounded in theory and addressing holistic needs and values of clients. Defend decisions and showcase your skills as safe, effective and ethical practitioners. Prerequisites: ESSG 53800. (Y)

3 Credits

ESSG 63000 Independent Research

Student works in close cooperation with a graduate faculty member in a self-directed study, problem solving, or research investigation. Topic, proposal, and a design statement must be approved in advance by the sponsoring professor and graduate chair. This includes one to three credits per course that may be repeated for a total of no more than six credits of independent study courses (ESSG 63000 and ESSG 63100). (W,SU)

1-3 Credits

ESSG 63100 Independent Reading

Reading in the field, arranged between the student and a sponsoring graduate faculty member. Topic, proposal, and a design statement must be approved in advance by the sponsoring professor and graduate chair. This includes one to three credits per course that may be repeated for a total of no more than six credits of independent study courses (ESSG 63000 and ESSG 63100). (W,SU)

1-3 Credits

ESSG 63200-63201 Group Research (NLA)

Group participation in a research project. Small groups of students, under the direction of a faculty adviser, engage in the research process, from literature review, proposal development, submission of human subjects' review documents, data collection, data analysis, and presentation of the data. (IRR)

1-3 Credits

ESSG 64000 Seminar

In-depth seminar on particular topics associated with academic concentrations offered in exercise and sport sciences. Students explore and critically examine current readings, philosophies, theories, and/or practices associated with a given topic and discuss potential applications of these concepts to actual or simulated situations. Students may present research findings, thesis proposals, or thesis defenses. Students must pass two semesters of this zero-credit seminar. Pass/fail only. (F, S)

0 Credit

ESSG 64500 Psychophysiology of Exercise and Sport (NLA)

Examines the interaction between psychological states and physiological function, particularly within the realm of exercise and sport. Specific topics include neurohormonal and physiological correlates of disordered eating behaviors, body image, perceived exertion, aggression, stress responses, overtraining, and other behaviors. The way exercise works as a mind-body medicine modality, including mental health and maintenance of cognitive function, is examined. Cognitive states, including arousal and intentionality, are examined as they influence physiological adaptations made during training. (W)

3 Credits

ESSG 64800 Strength and Conditioning: Theories, Mechanisms, and Applications (NLA)

Evidence-based presentation and discussion of methods practiced for improvement of strength and conditioning. Enhancement of athletic performance through new or accepted strength and conditioning techniques will be emphasized, though rehabilitative issues may also be addressed. Prerequisite: One course in exercise physiology. (Sum)

3 Credits

ESSG 66000 Internship

Supervised work experience in an agency related to the student's concentration in the master's degree program. Approval and support of a graduate faculty sponsor and the graduate chair are required, and prerequisite coursework may be needed. One to three credits, for a total of three credits. May be repeated for a total of no more than six credits. (F, S, SU)

1-3 Credits

ESSG 69900 Selected Seminars

Advanced courses on particular topics associated with academic concentrations offered in the exercise and sport sciences programs. Courses are offered at irregular intervals on topics chosen by faculty members or resulting from student requests. Course may be repeated for credit for selected topics on different subjects. Prerequisite: Permission of instructor. (IRR)

1-3 Credits

ESSG 74200 Advanced Techniques of Athletic Training

Consideration of the prevention, management, and rehabilitation of sports injuries. Essential concepts include anatomical basis of common injuries, injury assessment, and principles of therapeutic exercise for areas often injured. Laboratory time is included. Prerequisite: EXSS 24700 or equivalent, or permission of instructor. (SU)

3 Credits

French (FREN)

FREN 50100 Seventeenth- and Eighteenth-Century French Literature (LA)

Advanced study of representative literature. Seventeenth-century works may include prose (such as moral and epistolary works, fables, and novels) and theater. Eighteenth-century works may include pieces by the philosophes, novels, and theater. Analysis will be placed in historical and cultural context. Readings and discussions will be in French. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

FREN 50400 The French Medieval Experience (LA)

French Medieval Experience.

3 Credits

FREN 51500 French Literature of the Renaissance (LA)

Extensive study of representative works beginning with an historical overview of the Middle Ages. Works will include poetry, theater, and some of the essays of reformers and humanists. Analysis will be placed in historical and cultural context. Readings and discussions will be in French. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

FREN 55100 Nineteenth- and Twentieth-Century French Literature (LA)

In-depth study of representative works including poetry, novels, short stories, and theater. Analysis will be placed in historical and cultural context. Readings and discussions will be in French. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

FREN 57700 Seminar: Readings in French Literature (LA)

In-depth study of selected themes or topics in French literature. May be repeated for credit when topics vary. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

1-3 Credits

FREN 59900 Independent Study: French (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: permission of instructor. (IRR)

1-3 Credits

Health Interdiscip Studies (HINT)

HINT 53000 Seminar: Capstone in Health Care Teams

Students will observe and evaluate the collaboration of interdisciplinary team-management principles and intervention planning strategies and techniques. Includes travel to national and/or international sites where interdisciplinary collaboration in a multi-cultural setting is practiced. May be repeated up to (F, Su, Y)

1 Credit

History (HIST)

HIST 58100 Seminar in European History (LA)

Advanced study of historical content, method, and research on special topics in European history. Intensive discussions of assigned readings, the writing of a research paper, and the development of an instructional unit plan relevant to the social studies curriculum. Prerequisite: Graduate student in good standing or permission of instructor. (Y)

3 Credits

HIST 58200 Seminar in Global History (LA)

Advanced study of historical content, method, and research on special topics in global history. Intensive discussions of assigned readings, the writing of a research paper, and the development of an instructional unit plan relevant to the social studies curriculum. Prerequisite: Graduate student in good standing or permission of instructor. (Y)
3 Credits

HIST 58300-58301 History Seminar, United States (LA)

Advanced study of historical content, method, and research on special topics in United States history. Intensive discussions of assigned readings, the writing of a research paper, and the development of an instructional unit plan relevant to the social studies curriculum. Prerequisite: Graduate student in good standing or permission of instructor. (Y)
3 Credits

HIST 58302 History Seminar: United States (LA)

Introduction to problems of historical method and research in U.S. history. Must be taken at home campus. Prerequisites: permission of instructor. (F-S,Y)
3 Credits

HIST 59900 Independent Study in History (LA)

Special research on an individual project arranged by a student with a particular faculty member. The project may include reading books and writing papers under the guidance of the faculty member, with a performance expectation of graduate-level work. Offered on demand only. Prerequisites: Permission of instructor. (IRR)
1-3 Credits

Image Text (IMTX)

IMTX 50000 Image-Text Practicum: Writing

Focused introduction to foundational approaches to writing. Students will develop technical, stylistic, and aesthetic competence in multiple genres of writing with an emphasis on the essay and hybrid-genre writing. Readings in nonfiction, fiction, poetry, and hybrid-genre work will be accompanied by intensive writing assignments. The course will include seminar-style discussions, in-class exercises, and peer workshops of student writing. (Summer,Y)
2 Credits

IMTX 50100 Image-Text Practicum: Photography

Focused introduction to formal and technical fundamentals of photography. Students will develop skills in digital and analog image capture and printing while exploring a range of methodological and conceptual strategies in photography. Technical demonstrations and lectures in historical and contemporary photographic practice will supplement intensive creative assignments. The studio-based course will include seminar-style critiques and technical workshops. (Summer,Y)
2 Credits

IMTX 50200 Image-Text Practicum: Design

Focused introduction to formal and technical fundamentals of graphic design. Students will develop skills in digital design for both print and electronic formats. Technical demonstrations and lectures in historical and contemporary design practice will supplement intensive creative assignments. The studio-based course will include seminar-style critiques and technical workshops. (Summer (Y)
2 Credits

IMTX 50500 Image-Text Practicum: Selected Topics

Focused exploration of specific techniques, technologies, genres or methodologies in writing, photography, design or relevant hybrid practices. Designed to immerse students in intensive study of specialized skills and approaches within these fields, and to take advantage of faculty's specialized professional and creative experience through lectures, demonstrations, individual and group exercises and creative research. (Summer,Y)
2 Credits

IMTX 50501-50600 Image-Text Field Practicum (NLA)

Focused exploration of specific techniques, technologies, genres or methodologies in writing, photography, design or relevant hybrid practices. Designed to immerse students in intensive study of specialized skills and approaches within these fields, and to take advantage of faculty's specialized professional and creative experience through lectures, demonstrations, individual and group exercises and creative research. (Summer,Y)
2 Credits

IMTX 51001-51005 Selected Topics Seminar in Image-Text

Intensive intellectual inquiry of ideas and genres as applied to creative work across a range of relevant disciplines and practices. Exploration of cultural and scholarly histories in keeping with the expertise of faculty. Through focused research, debate and analysis, students investigate significant philosophical, aesthetic, political and social frameworks. (Summer, Y)
2 Credits

IMTX 52000 Image-Text Visiting Artist Colloquium

Individual studio visits/critiques with visiting artists, writers, editors, curators and publishers. Colloquia will include attendance at visiting artist lectures and readings as well as events associated with the annual Image Text Ithaca Symposium. (Summer,Y)
1 Credit

IMTX 60000 Independent Mentored Study

Semester-long independent creative work in consultation with faculty mentor. Critique and discussion of ongoing creative work is completed during the fall and spring semesters using video conferencing and electronic document exchange. Course plan will be crafted collaboratively by student and faculty mentor at the beginning of each semester to maximize both continued focus and new development in creative work. May be taken up to four times, for a maximum of (F-S,Y)
6 Credits

IMTX 60100 Thesis Studio I

Designed for students in the first summer session of their MFA experience. The open discussion and work structure of the class is oriented towards generation of thesis ideas, topic and structure development, and plans for future work on each student's MGA thesis project through individual and group work sessions and critiques. (Summer,Y)
3 Credits

IMTX 60200 Thesis Studio II

Designed for students in the second summer session of their MFA experience. The open discussion and work structure of the class is oriented towards focusing and refining thesis ideas, structure and content, and planning second-year work on thesis projects through individual and group work sessions and critiques. (Summer,Y)
3 Credits

IMTX 60300 Thesis Studio III (LA)

Designed for students in the third summer session of their MFA experience. The structure of the class is particularly oriented towards final editing, resolution and publication/presentation of thesis projects through individual and group work sessions and critiques. Students will develop and implement a plan for publicizing, promoting, and publicly disseminating their project. (U,Y)

3 Credits

Jazz Studies (JAZZ)

JAZZ 60100 Jazz Private Performance Study (NLA)

Private study on percussion, bass, guitar, saxophone, trumpet or any other instrument, utilizing jazz styles and repertoire. (IRR)

1 Credit

Mathematics (MATH)

MATH 50100 Selected Topics in Theoretical Continuous Mathematics (LA)

Advanced study of mathematical topics in which the concept of continuity plays a role. Specific content varies. Topics may include but are not limited to the following: topology such as point-set topology, metric topology, geometric topology, differential topology, and manifold theory; advanced real analysis such as sequences and series of functions, convergence of functions, and integration theory; topology of the real line, function theory; complex analyses such as analytic functions, conformal mappings, elementary functions and power series, complex integration and calculus of residues; advanced differential equations such as ordinary equations of first and higher orders, singular solutions, total differential equations, and solution by series; fractal geometry; and continuous dynamical systems. Prerequisite: Graduate student in good standing or permission of instructor. can be repeated for credit. (S, E)

Attributes: NS

3 Credits

MATH 50200 Selected Topics in Theoretical Discrete Mathematics (LA)

Advanced study of mathematical topics principally concerned with discrete entities. Specific content varies. Topics may include but are not limited to the following: number theory such as properties of integers, diophantine equations, congruence, and quadratic reciprocity; algebra such as advanced topics in group, ring, and field theory, automorphisms, and Galois theory; graph theory; discrete dynamical systems; and combinatorics. Prerequisite: Graduate student in good standing or permission of instructor. can be repeated for credit. (S, O)

Attributes: NS

3 Credits

MATH 51000 Graduate Seminar in Mathematics Education (LA)

The seminar will address a selection of topics in mathematics education, devoting several weeks to each topic. Topics will be chosen to examine theoretical aspects of the teaching and learning of mathematics at the secondary (7-12) level and will be connected to related discussions of pedagogical design and implementation. Class discussions, presentations and projects will be central to the course. (F,Y)

3 Credits

MATH 54000 Selected Topics in Applied Mathematics (LA)

Advanced study of mathematics in an applied setting. Topics may include but are not limited to the following: stochastic processes, actuarial mathematics, partial differential equations and applied dynamical systems, numerical analysis, and applied statistics. Prerequisite: Graduate student in good standing or permission of instructor. can be repeated for credit. (F, E)

3 Credits

MATH 56000 History of Mathematical Ideas

This course will explore the historical development of mathematical ideas that appear in the high school mathematics curriculum. Students will select a topic and research its history, then present their work and lead the class in explorations that use the historical development to better understand the concept.

3 Credits

MATH 57000 Connections between Secondary and Advanced Algebra

This course will explore the connections between algebra topics from the high school (7-12) mathematics curriculum and the content of the algebra courses that math majors have learned in college. In particular, ideas from advanced algebra will be used to develop a deeper understanding of fundamental algebraic ideas. Class discussions, individual research, presentations and projects will be central to the course.

3 Credits

MATH 58000 Connections in Advanced Mathematics (LA)

Advanced study of connections and relationships among various disciplines within mathematics. Specific content varies. Topics may include but are not limited to the following: historical development of mathematics and various philosophies of mathematics, cultural similarities and differences in viewpoints and developments in mathematics, cross-discipline approaches that combine subdisciplines such as probability techniques in number theory and random graph theory, field theory and geometric constructions, and algebraic topology. Prerequisite: Graduate student in good standing or permission of instructor. can be repeated for credit. (S, E)

Attributes: NS

3 Credits

MATH 59900 Independent Study in Mathematics (LA)

Reading on selected advanced subjects, with frequent, informal discussions with the instructor. Fulfills a required mathematics elective. This course may be repeated for credit. Prerequisites: permission of instructor. (IRR)

1-3 Credits

Music Education (MUED)

MUED 50100 Advanced Choral Conducting (NLA)

Study of conducting choral music with a variety of styles and interpretive techniques. Students have the opportunity to conduct several visiting high school or college choirs during class sessions. (B,F,Y)

2 Credits

MUED 50200 Advanced Instrumental Conducting

Studies and practices aimed toward the improved clarity of basic stick technique through the use of unequal motions (rhythmic and melodic). Practical exploration of rehearsal techniques with an emphasis on clarity and efficiency in solving problems of balance, ensemble, intonation, and phrasing.

2 Credits

MUED 54000 Materials and Rehearsal Techniques for the Public School Wind Band

An in-depth investigation of principles and procedures for developing the public school wind band, including the study and evaluation of materials appropriate for teaching elementary, junior high, and senior high school band. Included is the examination of method books, instructional materials, and music for wind band.

2 Credits

MUED 54100 Choral Rehearsal and Vocal Techniques

Study, through lectures, class discussions, and student conducting, of basic principles and procedures in developing the choral ensemble and choral literature for various ensemble levels. Considerable attention is devoted to the care and teaching of the adolescent voice, both in the solo and the ensemble situation.

2 Credits

MUED 54200 Materials and Rehearsal Techniques for the School Orchestra

An investigation of principles and procedures for developing the public school orchestra, including the study and evaluation of materials appropriate for teaching elementary, junior high, and senior high school orchestra, as well as large group lessons. Included is the examination of method books, instructional materials, and music for orchestra. (Sum, IRR)

2 Credits

MUED 54900 Marching Band Techniques

A study of techniques employed by high school and college marching bands, including arranging fundamentals and charting procedures. Each student is required to chart an entire field band show. Extensive use is made of film and videotape.

2 Credits

MUED 57100 Suzuki Seminar I

An in-depth study of the philosophy, psychology, and pedagogy of the Suzuki method. An in-depth study of the Suzuki repertoire contained in the Suzuki Association of the Americas (SAA) foundation unit, and units I and II with emphasis on both the pedagogical understanding and the performance skills of the pieces. A special study is made of techniques needed to teach preschool children.

3 Credits

MUED 57200 Suzuki Seminar II

Continuation of Suzuki Seminar I with emphasis on the repertoire and pedagogy continued in the SAA units III and IV. An analysis of how Shinichi Suzuki's approach to the technique fits into the broader historical development of instrument technique.

3 Credits

MUED 59400 Multicultural Perspectives in Music Education

An in-depth investigation of world musics, including inherent cultural values and identities, with a focus on American public school curricula and pedagogies.

2-3 Credits

MUED 60100 Teaching Music in Higher Education (NLA)

Designed for graduate students in programs that will likely lead to careers in higher education. Topics include: designing and organizing music courses (applied music as well as academic classes); research-based strategies for meeting the developmental needs of the undergraduate student; and growth in personal teaching practice through reflection. (F)

2-3 Credits

MUED 60101 Teaching Music in Higher Education I (NLA)

Designed for graduate students in programs that will likely lead to careers in higher education. Topics include: designing and organizing music courses (applied music as well as academic classes); research-based strategies for meeting the developmental needs of the undergraduate student; and growth in personal teaching practice through reflection.

1 Credit

MUED 60200 Teaching Music in Higher Education II (NLA)

Designed for graduate students in programs that will likely lead to careers in higher education. Topics include: designing and organizing music courses (applied music as well as academic classes); research-based strategies for meeting the developmental needs of the undergraduate student; and growth in personal teaching practice through reflection.

1 Credit

MUED 60300 Teaching Music in Higher Education III (NLA)

Designed for graduate students in programs that will likely lead to careers in higher education. Topics include: designing and organizing music courses (applied music as well as academic classes); research-based strategies for meeting the developmental needs of the undergraduate student; and growth in personal teaching practice through reflection.

1 Credit

MUED 61000 Advanced Instrumental Techniques: Woodwinds

Intensive review of techniques for playing and teaching woodwind instruments – flute, oboe, clarinet, saxophone, and bassoon. Pedagogical approaches and materials for teaching beginning through high school players, developing audiation skills, embouchure, range, endurance, flexibility, technique, breath control, and articulation, as well as equipment and literature choice. Strong emphasis is placed on playing as well as teaching these instruments.

2 Credits

MUED 61100 Advanced Instrumental Techniques: Brass

Intensive review of techniques for playing and teaching brass instruments – trumpet, horn, trombone, euphonium, and tuba. Pedagogical approaches and materials for teaching beginning through high school players, developing audiation skills, embouchure, range, endurance, flexibility, technique, breath control, and articulation, as well as equipment and literature choice. Strong emphasis is placed on playing as well as teaching these instruments.

2 Credits

MUED 61200 Advanced Instrumental Techniques: Concert Percussion

Intensive review of techniques for playing and teaching percussion instruments – snare drum, keyboard percussion, timpani, drum set and hand drums. Pedagogical approaches and materials for teaching beginning through high school players, developing audiation skills, embouchure, range, endurance, flexibility, technique, breath control, and articulation, as well as equipment and literature choice. Strong emphasis is placed on playing as well as teaching these instruments.

1 Credit

MUED 61300 Advanced Instrumental Techniques: Strings

Advancing skills for playing and teaching string instruments of the violin-family – violin, viola, cello, and double bass. Presented are pedagogical approaches and materials for teaching beginning through high school players. Special attention is paid to developing posture, bowing, tuning, shifting, and vibrato skills, as well as to equipment and literature choices and to understanding similarities and differences between the instruments. Strong emphasis is placed on playing as well as teaching these instruments.

2 Credits

MUED 61400 Advanced Instrumental Techniques: Voice

Examines multiple views of working with student voices of all ages (elementary through high school) in order to further their success in singing. Participants will learn advanced vocal production and pedagogy techniques to assist in their own growth as well.

2 Credits

MUED 61500 Advanced Instrumental Techniques: Popular Music Instruments

Explores culturally inclusive musical repertoire and instrumentation through learning to play and teach guitar, bass, keyboard and drum set. Blends contemporary instrumental music making in a way that embraces a diverse array of pedagogies including scaffolding, facilitation, approximation and student-centered democratic processes. Through teacher-led demonstration as well as student-centered exploration, participants migrate along the binary of formal and informal through integrated instrumental musical performance, improvisation and composition opportunities. No prior experience with popular music or popular music instruments is required.

2 Credits

MUED 61600 Advanced Instrumental Techniques: Classroom Instruments

Hands-on work with all types of pitch (e.g. xylophone, ukulele) and non-pitch classroom instruments. Performance skills for the teacher as well as creative lesson planning (e.g. creating Orffestrations, assessment of musical skills, and opportunities for student musicianship) will be explored.

1 Credit

MUED 61700 Advanced Instrumental Techniques: Conducting

Studies and practices aimed toward the improved clarity of basic baton technique. Practical exploration of rehearsal techniques with an emphasis on clarity and efficiency in solving problems of balance, ensemble, intonation, and phrasing. Conducting will be approached through the perspective of musical artistry and expression by both the conductor and the ensemble.

2 Credits

MUED 61800 Advanced Instrumental Techniques: Music Technology

Techniques and strategies for teaching music with technology and performing music on computers and iPads. The material covered will provide basic skills in utilizing technology to support music learning and performance. The musical and pedagogical approaches are geared towards both traditional and non-traditional music learners of all ages in ensemble and general music contexts.

1 Credit

MUED 62800 Early Music Performance Practice Ensemble

Ensemble experience and exposure to early music literature. Several concerts are scheduled each semester. Class meeting: Two hours per week. (S)

0-1 Credits

MUED 63300-63400 Choral Conducting

1-2 Credits

MUED 63500-63600 Instrumental Conducting

1-2 Credits

MUED 65000 Music for Elementary Classroom Teachers

This course focuses on using music in the elementary school classroom. Topics include cross-curricular use of music, repertoire, and materials for appropriate grade levels. (U)

Attributes: TE

1 Credit

MUED 65200 Process-folio and Presentation 1: Seminar (NLA)

Introductory instruction that leads to independent work required in P&P II and P&P III. Study includes the development of a process-product portfolio and a detailed investigation of personal pedagogical beliefs and practices based on coursework and teaching experience. Prerequisites: For matriculated music education graduate students, to be taken concurrently with MUTH 65200.

1 Credit

MUED 65400 Process-Folio and Presentation 2 (NLA)

An independent planning, analysis, and reflective project facilitated by a member of the graduate music education faculty. Study includes the development of a process-product portfolio and a detailed investigation of personal pedagogical beliefs and practices based on the student's graduate music education coursework and teaching experience. P&P 2 will focus primarily on the process-folio. Prerequisites: For matriculated music education graduate students, to be taken concurrently with MUED 68000.

Attributes: TE

1 Credit

MUED 65500 Process-Folio and Presentation 3 (NLA)

A continuation of the project started in MUED 65400, leading to a final presentation. Further development of a process-product portfolio and a detailed investigation of personal pedagogical beliefs and practices based on the student's graduate music education coursework and teaching experience. P&P 3 will primarily focus on the presentation with additional guidance on completing the process-folio. Prerequisites: For matriculated music education graduate students, to be taken concurrently with MUED 68200.

Attributes: TE

1 Credit

MUED 67300 Suzuki Practicum I

A practical application of the techniques learned in Suzuki Seminars I and II in a "live" private school situation. Prerequisite MUED 57100, MUED 57200, MUED 75000. (F).

3 Credits

MUED 67400 Suzuki Practicum II

A practical application of the techniques learned in Suzuki Seminars I and II in a "live" private school situation. Prerequisite MUED 57100, MUED 57200, MUED 75000, MUED 67300. (S).

3 Credits

MUED 68000 Psychology of Music Teaching

An investigation and discussion of current theories of learning as they relate specifically to the teaching of music. This course includes the study of specific teaching strategies, research techniques, tests and measurements, and the nature of musical response. Prerequisites: MUTH 65200.

Attributes: TE

3 Credits

MUED 68200 Seminar in Music Education

Research, presentation, and discussion of papers on topics of concern to music education. Topics include special music teaching techniques and philosophy, curricular developments, current research, and educational policy. Prerequisite: MUED 68000 or permission of instructor.

Attributes: TE

3 Credits

MUED 68300 Practicum in Teaching

A professional experience relating to the music teaching and learning process. Under the supervision of a music education faculty member, the student chooses one or more specific pedagogical topics. A synthesis of the topics is demonstrated during actual teaching situations, during discussions at personal conferences, and in a final written summary report.

2 Credits

MUED 69000 Comprehensive Curriculum: General and Choral Music, K-8

For the instrumental and vocal music educator seeking a comprehensive understanding of pedagogical techniques and materials appropriate for general music and choral programs in a K-8 music curriculum.

3 Credits

MUED 69100 Music Education for the Special Learner

Materials, techniques, and curriculum for teaching music to the special learner in school music programs.

3 Credits

MUED 69200 Administration and Supervision of Music Education

Detailed consideration of the functions of supervisors and directors of music education in administering music programs in elementary and secondary schools.

3 Credits

MUED 69300 Music, Humanities, and Related Arts

An exploration of relationships between music and other arts. Consideration of works of art in terms of social, political, religious, economic, and philosophical implications. Teaching the arts as a humanistic discipline.

3 Credits

MUED 69700-69720 Topics in Music Education (NLA)

This course focuses on the development of techniques or on recent trends in music education. One concept or development is studied to acquaint students with the practical, theoretical, and/or research techniques needed in effectively adapting new concepts of music teaching. 1OR (U, IRR)

Attributes: TE

1,2 Credit

MUED 69800-69900 Selected Topics

Intensive course concentrating on recent trends in music education. One concept or development is studied in depth each semester in order to acquaint students fully with the practical, theoretical, and research techniques needed in effectively adapting new concepts of music teaching.

3 Credits

MUED 70200-70300 Graduate Summer Workshop: Music Education Topic (NLA)

An intensive, one-week, workshop covering a topic in contemporary music education. Topics are designed to offer both the educational theory and practical skills to enhance music classroom teaching at the public-school level. (U)

1-2 Credits

MUED 70500 Successful Leadership in Contemporary Music Education

This workshop, designed for the contemporary music educator and/or supervisor, examines effective leadership and its relationship to the successful music education program. (U)

Attributes: TE

0-2 Credits

MUED 73500 Choral Conducting Workshop (NLA)

This course involves the teaching of ways to incorporate national standards into the choral setting while enhancing the quality of the performance experience and the quality of sound of the ensemble. The Choral Music Experience course is designed to help participants learn an integrated approach to music education, combining the development of performance skills with the acquisition of musical knowledge. (Sum)

Attributes: TE

0-2 Credits

MUED 73700 Workshop: Wind Conducting (NLA)

The course focuses on conducting technique, rehearsal techniques, and repertoire for wind ensembles. An important component of the course is the opportunity to conduct, with critique, a live ensemble on a variety of standard wind works. The course also includes discussion of current trends in music education including national standards as related to wind conducting/teaching. 0 - 2 cr.

Attributes: TE

0-2 Credits

MUED 75000 Summer Suzuki Practicum

Study of repertoire and pedagogic techniques within the intermediate levels of the Suzuki program. Prerequisite: MUED 57100 and MUED 57200. 0 Credits. (Su)

0 Credit

MUED 78000 The Healthy Musician (NLA)

This comprehensive three-day program of seminars and workshops focuses on health and musical performance. A multidisciplinary faculty examines the physical and mental factors that affect both the musician and performance and discusses the care and prevention of music-related injuries. Participants choose sessions for health care providers or sessions for musicians. Areas of instruction include basic anatomy and physiology, exercise prescription, posture, stress, mental training and practice techniques, common injuries, Feldenkrais exercises, Alexander Technique exercises, learning styles (Neuro-Linguistic Programming), splinting, and biofeedback. Musicians demonstrate five major instrument groups (reeds, strings, keyboards, voice, and brass). Both a musician case study and a faculty recital are given. Musicians are invited to bring their instruments each day. To register for the workshop, you must complete the registration form in the Healthy Musician brochure, which is available on request from the summer sessions office.

0-1 Credits

MUED 78300 SAA Practicum Unit Violin (NLA)

0-1.5 Credits

Music Ensembles (MUEN)

MUEN 60400 Piano Ensemble

Study and performance of music for piano four hands, one and two pianos, and eight hands, two pianos. Class meeting: Two hours per week. (F-S)

1 Credit

MUEN 60500 Wind Ensemble

A select wind and percussion ensemble with an active program of concerts scheduled throughout the school year. Open to any student who can qualify by audition. Class meeting: Five hours per week. (F-S)

1 Credit

MUEN 60600 Concert Band

A wind and percussion ensemble open to any student who can qualify by audition. Several concerts are scheduled each semester. Class meeting: Four hours per week. (F-S)
1 Credit

MUEN 60700 Symphonic Band

A wind and percussion ensemble open to any student who can qualify by audition. Several concerts are scheduled each semester. Class meeting: Four hours per week. 0 or (F-S)
1 Credit

MUEN 60800 Choir

A select choral ensemble with an active performance schedule. Open to any student who can qualify by audition. A commitment for both fall and spring semesters is required. Class meeting: Five hours per week. (F-S)
1 Credit

MUEN 60900 Chorus

A large choral ensemble open to any student who can qualify by audition. Several concerts are scheduled each semester. Class meeting: Four hours per week. (F-S)
1 Credit

MUEN 61000 Women's Chorale

A choral ensemble open to all female students who can qualify by audition. Several concerts are scheduled each semester. A commitment for both fall and spring semesters is required. Class meeting: Four hours per week. (F-S)
1 Credit

MUEN 61100 Symphony Orchestra

The orchestra is open to any student who can qualify by audition. An active program of concerts is scheduled each semester. Class meeting: Five hours per week. (F-S)
1 Credit

MUEN 61300 Madrigal Singers

A select vocal chamber ensemble with an active performance schedule. Open to any student who can qualify by audition. Class meeting: Two hours per week. (F-S)
1 Credit

MUEN 61400 Contemporary Chamber Ensemble

The rehearsal and performance of chamber music written in the 20th century, with emphasis placed on recently composed works. Open to any student who can qualify by audition. Class meetings by arrangement. (F-S)
1 Credit

MUEN 61500 Guitar Ensemble

Performance situations for small guitar ensembles of varying combinations. Class meeting: One hour per week. (F-S)
1 Credit

MUEN 61900 Jazz Laboratory

Experience in jazz ensemble playing. Open to any student who can qualify by audition. Several concerts are scheduled each year. Class meeting: Four hours per week. (F-S)
1 Credit

MUEN 62100 Chamber Orchestra

A select chamber orchestra open to any student who can qualify by audition. An active schedule of concert appearances is maintained throughout the year. Class meeting: Three hours per week. (F-S)
1 Credit

MUEN 62200-62205 Instrumental Chamber Music

Study, rehearsal, and performance of a broad spectrum of chamber music by selected ensembles. Class meeting: One hour of coaching and a minimum of two hours of rehearsal per week. (F-S)
0-1 Credits

MUEN 62300 Brass Choir

Study, rehearsal, and performance of standard brass choir literature and orchestral works. Open to any student who can qualify by audition. Class meeting: Two hours per week. (F-S)
1 Credit

MUEN 62500 Vocal Jazz Ensemble

A select jazz chamber ensemble for singers and instrumentalists. Open to any student who can qualify by audition. An active program of concerts is scheduled each semester. Class meeting: Two hours per week. (F-S)
1 Credit

MUEN 62501 Jazz Vocal Repertory Ensemble for Jazz Choir Music (LA)

Experience in jazz vocal ensemble singing. Open to any student who can qualify by audition. At least one concert is scheduled each semester. Focus on foundational jazz choir repertoire. Class meeting is two hours per week. Prerequisites: Permission of instructor by audition. (F-S)
1 Credit

MUEN 62700 Percussion Ensemble

Ensemble experience and exposure to contemporary percussion literature. Several concerts are scheduled each semester. Open to any student who can qualify by audition. Class meeting: Four hours per week. (F-S)
1 Credit

MUEN 62800 Early Music Performance Practice Ensemble

Ensemble experience and exposure to early music literature. Several concerts are scheduled each semester. Open to any student who can qualify by audition. Class meeting: Four hours per week. 0-for music majors; for non-music majors. (F-S)
1 Credit

MUEN 64000 Musical Theater Rehearsal and Performance

Participation in rehearsal and performance of a major musical theater production sponsored jointly with the Department of Theatre Arts in the School of Humanities and Sciences. Students receive credit for assignments in instrumental or vocal performance. Evaluated for pass/fail grade only by the music faculty member in charge of the designated area of specialization. Evaluation based on degree of professional attitude and quality of performance. Audition required prior to enrolling. (F-S)
1 Credit

Music Thry, Hist, Aural, Comp (MUTH)

MUTH 50100 Intensive Part-Writing and Analysis

A study of tonal harmony and syntax. Students will assimilate the voice-leading and functional conventions of music, from the common-practice period through part-writing, model composition, and analysis.
2 Credits

MUTH 52100 Topics in Music Theory and Analysis

Changing topics in music theory and analysis.
2 Credits

MUTH 52900 Advanced Aural Skills

Advanced course in dictation and aural skills with an emphasis placed on music since 1900. Graduate students must meet additional standards as set forth by the professor.

1 Credit

MUTH 53100 Sixteenth-Century Counterpoint

Study of polyphonic techniques based on the stylistic principles of 16th-century sacred literature. Composition of canons, motets, and movements from the mass.

2 Credits

MUTH 53200 Eighteenth-Century Counterpoint

Study of polyphonic techniques based on the stylistic principles of 18th-century keyboard literature. Invention (two- and three-voice), choral prelude, canon, and fugue are studied. Analysis and written projects.

2 Credits

MUTH 53500 Choral Arranging

Functional and theoretical writing for elementary and junior high school choruses, special choirs, and mixed choral groups. Analysis and study of choral part-writing encompassing unison, simple two-, three-, and four-part, and multi-voice units.

2 Credits

MUTH 53700 Instrumentation and Orchestration (LA)

Study of orchestral and band instruments in terms of range, transposition, and individual characteristics. Scoring of works for both standardized and less common ensembles of various sizes.

2 Credits

MUTH 54100 Music from 1600 to 1800

Examination of musical styles and repertoire from the beginnings of functional harmony to the end of the classical era. Focus will be on figures such as Monteverdi, Schutz, Lully, Purcell, Bach, Handel, Mozart, and Beethoven. Overviews of musical contexts in which these composers worked will provide opportunities for discussion of culture and associated musical figures.

3 Credits

MUTH 54200 Music since 1800

Examination of musical styles and repertoire from early 19th century to the present. Focus will be on figures such as Schubert, Brahms, Verdi, Wagner, Debussy, Schoenberg, Stravinsky, and Messiaen. Overviews of musical contexts in which these composers worked will provide opportunities for discussion of culture and associated musical figures. Study of topics from approximately 1900 on will frequently extend to concert music traditions beyond Western Europe.

Attributes: GERM

3 Credits

MUTH 54301 Pedagogy of Music Theory

A survey of the pedagogical aspects of teaching music theory and aural skills on the high school and college level. Focus on current approaches, presentation, and implementation of materials suitable for the study of theory, harmony, and aural skills.

3 Credits

MUTH 55100 Instrumental Chamber Music Literature

A historical survey of instrumental chamber music from the Renaissance to the present day.

3 Credits

MUTH 55200 History and Literature of the Art Song

A broad historical survey of the secular art song from the Middle Ages to the present with greatest emphasis on the German, French, Italian, and English song repertory of the 18th and 19th centuries.

3 Credits

MUTH 55700 History and Literature of Opera

Traces the history, development, and repertory of opera from the beginning of the baroque period to the present. The primary focus of the course, however, is on the standard performing repertory from Handel through Britten. Live performance in class and video excerpts of great performances provide stimuli for class discussion. (F, B)

3 Credits

MUTH 55800 The Symphony

The study of orchestral music, tracing its development from the baroque era to the 20th century. Representative examples of the concerto and symphonic poem are included.

3 Credits

MUTH 56400 Introduction to Composition

The study and practice of compositional procedures used in traditional and contemporary concert music, leading to composing brief works for solo instruments and small chamber ensembles. (F)

2 Credits

MUTH 56500 Composition for Non-Composition Majors (LA)

Study and apply advanced compositional techniques for coherent expression in creative musical work. Explore a large selection of key works from the repertoire through attending weekly composition seminars and develop, under the guidance and supervision of the instructor, an individual plan of study. Compose original compositions of a substantial duration for a variety of instrumental and vocal combinations and/or electronics and gain practical experience by having a work presented at a Composition Premieres Concert. Prerequisites:

MUTH 56400. (IRR)

1 Credit

MUTH 57400 Stylistic Analysis of Tonal Music

Detailed analysis of stylistic characteristics and compositional techniques found in works by composers from the classical and romantic eras. A variety of analytical approaches is employed, based on their suitability to particular works.

2 Credits

MUTH 57500 Stylistic Analysis of Post-Tonal Music

Detailed analysis of stylistic characteristics and compositional techniques found in music written from 1900 to present.

2 Credits

MUTH 65200 Bibliography and Research in Music

Survey of the basic bibliographical materials and references in the various fields of music. Methods of research are considered, as well as the establishment and efficient use of bibliographical data. Attention to special bibliographical problems, practical research, and writing of the research paper. This course should be taken in the first semester of degree study.

3 Credits

MUTH 65400-65501 Independent Research

Research projects in the areas of music history, literature, theory, or pedagogy under the advisement of a faculty member from the appropriate field. May be taken for by students who are preparing for a lecture-recital to be given during the following semester. The project normally culminates in a paper or formal report. Prerequisites: MUTH 65200 and permission of the graduate adviser and the faculty member involved.

1-3 Credits

MUTH 65600 Independent Research in Analysis of Music Since 1945

An independent research project required of composition majors. The student analyzes selected compositions from the repertoire of music since 1945 and writes a major paper comparing and contrasting the compositional techniques utilized. The project is directed by a faculty member of the Theory, History, and Composition Department, selected in consultation with the graduate chair. Prerequisites: MUTH 65200, MUTH 66400.

2 Credits

MUTH 66000 Thesis

A formal thesis, which must be a composition of large proportion for chamber ensemble (quartet or larger), orchestra, wind ensemble, or chorus with instrumental ensemble. A performance of the thesis is recommended.

3 Credits

MUTH 66100-66300 Composition

Stimulation of the inventive capacity and realization of the musical concept in tones (and the symbols representing them). The student practices self-expression in a variety of the smaller and in some of the larger forms, and so becomes familiar with the skills required for composition. Knowledge of theory, harmony, and musical form is a prerequisite. Open only by permission of the instructor. each.

3 Credits

MUTH 66400 Analytical Techniques

Detailed study of methodologies used when analyzing tonal music, including Schenkerian and motivic approaches and theories of rhythm and meter.

3 Credits

Music-Miscellaneous (MUMC)

MUMC 50300 Computer Technology in Music Education

Advanced course in computer technology for students majoring in music education. Activities include surveying current CAI materials, creating MIDI and digital audio resources for web delivery, and developing musical resources designed for use in teaching.

2 Credits

MUMC 50400 Interactive Multimedia Design

Study of musical applications in multimedia design. (F,S).

2 Credits

MUMC 51000 Feldenkrais for Musicians

This course is based on the "awareness through movement" lessons developed by Moshe Feldenkrais. Through gentle movement sequences, musicians can learn to improve coordination, posture, and balance, which can lead to more artistic performance.

1 Credit

MUMC 51100 Creative Arts Methods for Older Adults

Techniques for developing a creative arts program that includes music, drama, and movement for older adults. The process combines an overview of gerontology issues and their relationship to the needs of older adults. Classes meet on campus and at local adult-care facilities.

3 Credits

MUMC 52000-52010 Selected Topics in Art Song Literature (NLA)

A block course with changing topics in art song literature and performance practice. (F-S, B)

1 Credit

MUMC 54500 Musical Theater Workshop

A team-taught, interdisciplinary, performance-oriented course designed to integrate musical and theater performance skills through the selection, development, and presentation of scenes from musicals. Admission by audition presented to the faculty at the first meeting of each semester or by permission of instructors. May be repeated for credit up to a maximum of .

2 Credits

MUMC 54700 Opera Workshop

A team-taught, interdisciplinary, performance-oriented course designed to integrate musical and theater performance skills through the selection, development, and presentation of scenes from the standard and contemporary operatic repertoire. Admission by audition presented to the faculty at the first meeting of each semester or by permission of instructors. May be repeated for credit up to a maximum of .

2 Credits

MUMC 55000 Reed Making

Laboratory course in the making of single and double reeds.

1 Credit

MUMC 55500 Vocal Pedagogy (NLA)

Aspects of teaching voice, private or group, at the secondary and college level. Writings of vocal pedagogues and voice scientists are studied. Students are expected to develop vocal exercise procedures and compile lists of adaptable teaching repertoire. Faculty members assist with lectures and discussions. This course is not limited to voice majors, but vocal ability adequate to demonstrate is required.

2 Credits

MUMC 56900 String Instrument Maintenance and Repair

An introductory course dealing with string instrument adjustments, troubleshooting, and emergency repairs typically needed by teachers in public school music programs.

1 Credit

MUMC 57000 Introduction to Brass Repair

An introduction to the care, maintenance, and repair of the trumpet, horn, trombone, and tuba.

1 Credit

MUMC 57100 Introduction to Woodwind Repair

An introduction to tools and toolmaking, care of woodwinds, emergency repairs, basic clarinet repair skills, and work with flute and saxophone. This course is less detailed than MUMC 47200.

1 Credit

MUMC 57200 Woodwind Repair

A skill development course designed to help the musician care for and service woodwind instruments. Primary emphasis is on clarinet, followed by significant coverage of flute and saxophone, with brief units on oboe and bassoon. Individual projects are encouraged as competence progresses.

2 Credits

MUMC 57400 Vocal Coaching and Recital Preparation Lab (NLA)

Vocal coaching for graduate voice students preparing required recitals, and collaborative pianists. Coaching occurs in both group and private settings. Students perform and critique performances in a lab setting as the main component of the course. Coaching covers historical and analytical details of the repertoire. 0 OR (F-S, Y)

1 Credit

MUMC 58100 Selected Topics in Music

Study of topics in music chosen by the instructor and approved by the appropriate department.

1-3 Credits

MUMC 58300 Performance Studies in Early Music

The study and performance of early music for singers and instrumentalists. Projects will require transcribing music from primary and secondary sources, studying performance techniques on available historical instruments, and rehearsing and performing the transcribed music. Historical authenticity versus modern practicality will be discussed. May be repeated for credit. Class meetings: Two hours per week.

2 Credits

MUMC 58500 Survey of Piano Literature I

The study of piano literature from the high baroque through the middle romantic periods. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Periodic examinations and individual projects are required. One hour of lecture and one half hour of lab meetings weekly.

1 Credit

MUMC 58600 Survey of Piano Literature II

The study of piano literature from the middle romantic period through the 20th century. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Periodic examinations and individual projects are required. One hour of lecture and one-half hour of lab meetings weekly.

1 Credit

MUMC 58700 Survey of Violin and Viola Literature

The study of violin and viola literature from the 17th through the 20th century. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Weekly aural assignments, individual projects, and periodic examinations are required.

2 Credits

MUMC 58900 Wind Literature and Performance Practice

The study of wind literature from its beginning in the music of Gabrieli through the classical wind serenades of Mozart to the composers of today. The course will include music written for wind chamber groups, as well as music for wind ensemble and the traditional concert band. (F,IRR)

2 Credits

MUMC 59000 Choral Literature and Performance Practice

A survey of choral literature and performance practices from the Renaissance to the present. (S)

2 Credits

MUMC 59300 Piano Pedagogy

In-depth study by keyboard majors of methods and materials pertaining to the study of piano as both a major and minor instrument. Special consideration is given to the area of beginning piano study. Various aspects of both the group and individual lesson are considered.

2 Credits

MUMC 59400 Piano Technology

Study of the art and science of piano tuning, repair, and action regulating, including history of the piano and its predecessors, physics of keyboard instruments, and practical work in maintenance and rebuilding of pianos.

2 Credits

MUMC 61100-61101 Recital

1-3 Credits

MUMC 61200 Lecture-Recital

1 Credit

MUMC 64500 Seminar in Instrumental Conducting

Puts students in closer contact with the standard repertoire of the orchestral, operatic, and wind band genres, and gives them weekly podium time with the goal of developing advanced conducting skills needed to lead a high-level instrumental ensemble. Repertoire includes major works of the orchestral, operatic, and wind repertoire. Corequisites: PFMJ 64500. (F-S)

1 Credit

MUMC 65000 Collaborative Piano Seminar

Addresses the various technical issues and stylistic practices specific to each instrument, including voice, as they pertain to the collaborative pianists' ability to intelligently identify and discuss performance issues across the repertoire. Includes other topics relating to the collaborative field such as vocal and instrumental coaching techniques and collaborative piano pedagogy. (F,S)

1 Credit

Occupational Therapy-Grad (OTMS)

OTMS 50000 Functional Human Anatomy

Study of the gross anatomical components of the human body through the use of lecture and lab activities without dissection. Emphasis is placed on the musculoskeletal and neurovascular systems found in the extremities, and in the head and neck trunk, with less emphasis on the thorax and abdominal walls. (SU,Y)

5 Credits

OTMS 50500 Occupational Therapy Theory

Occupational therapy process, principles, and theory are introduced and explored with a focus on clinical reasoning and models of practice. Occupation as the core of practice, its elements as they are viewed today, and their historical and philosophical background are discussed. The analysis, synthesis, and implementation of occupations for use in assessment and intervention are practiced through experiential labs and assignments. Methods for the evaluation and critique of existing and emerging theories are applied to selected theoretical models of practice. (SU,Y)

4 Credits

OTMS 51000 Neuroscience

Introduction to the science of the nervous system. Provides a framework for understanding the nervous system and the area of applied neurosciences. This course provides a scientific basis for improved patient care by clarifying the relationships between the nervous system and behavior. Selected laboratory and experiential activities enhance lecture, discussion, and reading materials. Prerequisites: OTMS 50000. (F,Y)

3 Credits

OTMS 52000 Kinesiology

The application of gross anatomy to the study of human movement, with emphasis on understanding the interrelated kinetics of normal motion of the musculoskeletal system as they influence functional activities. Evaluation procedures such as manual muscle testing (MMT), joint range of motion (ROM), palpation of surface anatomy, and kinesiological analysis of functional activities are used in laboratory sessions. Evidence-based practice in kinesiological assessment and intervention will be emphasized through advanced research projects. Prerequisites: OTMS 50000. (F,Y)
4 Credits

OTMS 52200 Psychiatry in Occupational Therapy

This course will explore the psychiatric conditions that are commonly seen in clinical and community settings. The effects of diagnoses and challenges of medication side effects will be reviewed in detail, including how these conditions affect body functions and structures and common functional limitations. Pertinent medical assessments, medicines, and team involvement will be included. Particular attention will be paid to dual or multi-diagnosis and multi-medication regimens and the challenges these scenarios present. A specific focus will include the role of support networks, including peer and consumer organizations and their role in mental health services and information sharing. An emerging practice-focused literature search will enable the student to search the Internet and other resources for diagnostic information, latest research and practice information, and related material. This paper will provide the foundation for a community-focused project that will connect students with community-based resources and needs. (W,Y)
3 Credits

OTMS 53000 Applied Interventions in Occupational Therapy

Focus on selected preparatory and supporting methods used in OT practice. Emphasis is on selected occupational therapy intervention methods. The use of orthotics as a method in intervention supporting occupational therapy practice, the evaluation and intervention of selected biomechanical components, and prosthetics as an occupation-based activity are explored. Adaptation of methods for performing activities of daily living and design of equipment are also covered. Prerequisites: OTMS 57100; OTMS 52000. (S,Y)
0-3 Credits

OTMS 53500 Group Process in Occupational Therapy

This course focuses on therapeutic use of self in group relationships. Emphasis is on an action-based, helping, problem-solving model to guide individual interventions. Provides the cognitive, affective, and occupational basis to helping groups for various client populations and settings across the lifespan. Presents knowledge and experiential opportunity to gain skills to be a competent group leader using proven models of intervention. Emphasis will be placed on best practices across settings with a foundation in current research. Lecture and lab format. (S,Y)
4 Credits

OTMS 54000 Concepts in Adult Occupational Therapy (NLA)

Concepts in occupational therapy for the adult population will be explored. Practice models that are suitable for the adult client population will be addressed within the context of the occupational therapy process. Includes a case based seminar to integrate theory with practice. Prerequisites: OTMS 50000; OTMS 50500. (F,Y)
4 Credits

OTMS 54500 Concepts in Pediatric Occupational Therapy (NLA)

Concepts in occupational therapy for the pediatric population will be explored. Practice models that are suitable for the pediatric client population will be addressed within the context of the occupational therapy process. Includes a case based seminar to integrate theory with practices. Prerequisites: OTMS 50000; OTMS 50500. Corequisites: OTMS 55500; OTMS 57500. (S,Y)
4 Credits

OTMS 55000 Adult Evaluation and Intervention Processes in Occupational Therapy (NLA)

The occupational therapy evaluation and intervention processes for the adult population will be explored. This includes development of an occupational profile of the client and conducting an analysis of occupational performance. The intervention phase involves implementation and re-evaluation of the intervention plan. The course includes a clinical fieldwork experience. Prerequisites: OTMS 50000; OTMS 50500. Corequisites: OTMS 52000; OTMS 51000; OTMS 57100; OTMS 54000. (F,Y)
3 Credits

OTMS 55500 Pediatric Evaluation and Intervention Processes in Occupational Therapy (NLA)

The occupational therapy evaluation and intervention processes for the pediatric population will be explored. This includes development of an occupational profile of the client and conducting an analysis of occupational performance. The intervention phase involves implementation and re-evaluation of the intervention plan. The course includes a clinical fieldwork experience. Prerequisites: OTMS 50000; OTMS 50500. Corequisites: OTMS 54500; OTMS 57500. (S,Y)
3 Credits

OTMS 56500 Research Seminar

A graduate seminar to focus student research in an area of faculty interest through a critical review of the literature and construction of structured research paper. Students develop a problem statement and question suitable for thesis research, supported with background, definitions, rationale, and a detailed outline of a research methodology. Oral presentation of a research proposal is required. (S,Y)
1 Credit

OTMS 57100 Adult Clinical Conditions (NLA)

A study of selected systemic, medical-surgical, orthopedic, and neurological conditions. Includes concepts in the identification, definition, and medical management of these conditions affecting adults and older persons. Emphasis is placed on integration of etiology, pathology, and medical treatment of selected conditions with emerging evidence research and practice recommendations across disciplines, focusing on implications for future occupational therapy practice. (F,Y)
3 Credits

OTMS 57500 Pediatric Clinical Conditions (NLA)

This course will explore the pediatric conditions that are commonly seen by occupational therapists. Clinical settings where children may be seen will be introduced and discussed. Pediatric diagnoses will be reviewed in detail, including body functions and structures and common functional limitations. Pertinent medical assessments, medicines, and team involvement will be included. A literature-enhanced paper will enable the student to search the Internet and other resources for diagnostic information, latest research information, and related material. Prerequisites: OTMS 50000; OTMS 51000. (S,Y)
2 Credits

OTMS 59800 Special Topics in Occupational Therapy

Formal instruction in topics of current interest to graduate students and faculty in occupational therapy. Experimental and topical courses will be offered under this number and title. Course may be repeated for credit for different selected topics. Prerequisites: Permission of instructor. (IRR)
1-3 Credits

OTMS 60000 Clinical Fieldwork II - Children and Adolescents

Three months of full-time, supervised clinical experience with the opportunity to treat pediatric patients/clients. Assignment in a training center program approved in accordance with the American Occupational Therapy Association's standards of practice for occupational therapy education. Required course. Satisfactory/unsatisfactory only. (Sum,Y)
6 Credits

OTMS 61200 Complementary Health Approaches, Integrative Health, and Occupational Therapy (NLA)

This elective explores personal health perspectives, occupational therapy education, and occupational therapy practice through the lens of diverse health approaches and integrative health. Knowledge of mind and body practices that occupational therapy clients' use and how these complementary health approaches are being integrated into occupational therapy plans of care is expanded through active and experiential learning opportunities, review of professional documents, and current literature. (S)
Attributes: OTGE
2 Credits

OTMS 62000 Advanced OT Theory and Practice

Examination and critique of definitions, philosophy, generic base, and concepts in occupational therapy. Occupational therapy theory development, structure, and function are analyzed and critiqued as they relate to basic assumptions, frames of reference, and implications for practice and research. Focus is on research and theory development, and the application to theory to occupational therapy practice. (S,Y)
3 Credits

OTMS 62500 Clinical Management in Occupational Therapy

This course focuses on the practice of efficient and effective administration in a health care setting. Focus includes health systems perspective; service delivery models and mechanisms; service management of various clinical settings; resource management of personnel, finances, materials, and physical plant; and risk management. (S,Y)
3 Credits

OTMS 62600 Professional Practice in the Community

Focuses on practice in educator, consultant, and advocacy roles in emerging areas of OT practice as well as nontraditional alternatives. Also examines transition to professional role in the community, including career development, professional responsibilities, current trends and issues, and engaging in clinical education. Prerequisites: OTMS 66500. (S,Y)
3 Credits

OTMS 63900 Graduate OT Clinic (NLA)

This graduate elective course will allow students the opportunity for observation, participation, supervision of undergraduate students, and management of clinical cases provided through the Ithaca College affiliated Occupational Therapy Clinic with faculty supervision. Treatment of occupational therapy clients, as well as participation in other occupational therapy-related services provided by the clinic will be the focus of this course. The clinic will provide students with an experiential learning opportunity, while serving the needs of clients in the college and community. (F,S,U,Y)
0-1 Credits

OTMS 64100-64101 Adaptation and Environmental Modification (NLA)

Study of theories regarding human behavioral adaptation and development of skills to modify physical, emotional, social, and cultural environments to promote appropriate behavioral adaptations that facilitate engagement with the tasks that comprise life roles. Methods of environmental assessment and techniques for modification of physical spaces and equipment, temporal structures, and patterns of use are examined. (S,IRR)
Attributes: OTGE
2 Credits

OTMS 64300-64301 Cognitive Rehabilitation (NLA)

This course will closely examine occupational therapy assessments and interventions for persons with cognitive dysfunction. Evaluation instruments are derived from various theoretical perspectives. The focus is on assessment and intervention with brain-injured adults, but other patient populations are also considered. Intervention strategies and critical analysis of research are emphasized. Multiple disciplines addressed for a comprehensive approach and understanding of cognitive rehabilitation in the clinical setting.
Attributes: OTGE
2 Credits

OTMS 64500 Vocational Readiness (NLA)

The role of occupational therapy in the vocational readiness process. Includes a review of vocational development and values, theoretical models, assessment, planning, treatment, and documentation. Vocational programming for children, adolescents, and adults with a variety of disabilities is discussed. Laboratory activities in vocational assessment and training are included. (S,IRR)
Attributes: OTGE
2 Credits

OTMS 64501 Vocational Rehabilitation (NLA)

The role of occupational therapy in the vocational readiness process. Includes a review of vocational development and values, theoretical models, assessment, planning, treatment, and documentation. Vocational programming for children, adolescents, and adults with a variety of disabilities is discussed. Laboratory activities in vocational assessment and training are included. (IRR)
3 Credits

OTMS 64600-64601 Play and Leisure (NLA)

Further exploration of the occupational concepts of play and leisure and their application to occupational therapy theory and practice. Developmental, theoretical, cultural, and philosophical aspects of play in normal individuals and individuals with disabling conditions. Use of play/leisure in assessment, play as means, and play as end in occupational therapy practice. Seminar and discussions are supplemented with experiential learning and laboratories. (S,IRR)
Attributes: OTGE
2 Credits

OTMS 65000 Advanced Pediatric Evidence Based Practice (APEBP) (NLA)

The use and application of current theory and evidence related to neuroscience in occupational therapy practice with the pediatric population. This advanced practice course incorporates experiential opportunities in both the lecture and laboratory settings. Elective alternative to OTMS 65000. Prerequisites: OTBS 41000 or OTMS 51000. (F,Y)

3 Credits

OTMS 65100 Advanced Adult Evidence Based Practice (AAEBP) (NLA)

The use and application of current theory and evidence related to neuroscience in occupational therapy practice with the adult population. This advanced practice course incorporates experiential opportunities in both the lecture and laboratory settings. Elective alternative to OTMS 65100. Prerequisites: OTBS 41000 or OTMS 51000. (F,Y)

3 Credits

OTMS 65500 Technological Interventions in Occupational Therapy (NLA)

Examines the role of occupational therapists as part of an interdisciplinary team in the assessment, selection, application, and outcome of assistive technology for individuals with disabilities. Considers the use of technology to allow greater accessibility and independence for people of all ages with physical, sensory, and cognitive disabilities in the performance of life skills, including self-care, education, recreation, vocation, mobility, and communication. Prerequisites: OTMS 57100 or OTBS 47100 and OTMS 57500 or OTBS 47500. (F,Y)

3 Credits

OTMS 66500 Gerontic Occupational Therapy

Health care and community support of wellness, occupational performance, and quality of life as they relate to the needs of people over 65. Includes skills and knowledge required to work effectively in interdisciplinary teams – with clients and caregivers, as individuals, and in groups. Disease and disability prevention, environmental adaptation to facilitate continuing engagement in occupations, factors contributing to successful aging, and legislative and reimbursement issues as they apply to service delivery with the elderly. Students participate in discussions, problem-solving seminars, interaction with well and frail elderly, and review of the current literature regarding effective practice with the elderly. Prerequisites: OTMS 54000 or OTBS 44000. (F,Y)

Attributes: SL

3 Credits

OTMS 67100 Group Research I

A research course for students who do not elect to conduct individual research for a thesis. It includes the reading and criticism of research related to a faculty-designed research project, collecting and analyzing data, and the writing of results and discussion of findings of the project. Elective alternate to OTMS 67300. (F,Y)

3 Credits

OTMS 67120 Group Research II

This is a research course for students who did not elect to conduct individual research for a thesis (elective alternative to OTMS 67300). It covers the process of completing and reporting a designed research project. This course follows OTMS 67110, wherein students have initiated the research process. This course will allow students the opportunity to complete data collection, analyze, discuss, and report findings both orally and in writing. (S)

3 Credits

OTMS 67200 Individual Thesis Research I

Preparation of a thesis proposal and the first three chapters (introduction, literature review, and methodology) of an independent, scholarly research paper under the supervision of a member of the graduate faculty in occupational therapy. Data collection is initiated. The graduate committee must approve the proposal. Prerequisites: OTBS 46500 or OTMS 56500. (F,Y)

3 Credits

OTMS 67300 Individual Thesis Research II

Completion of independent research, including collecting data and analyzing results. Preparation of a scholarly research paper under the supervision of a member of the graduate faculty in occupational therapy. An oral presentation of the thesis is required. Elective. (S,Y)

3 Credits

OTMS 68400 School-Based Occupational Therapy (NLA)

Exploration of the current trends in occupational therapy practice in schools. Includes the individual educational plan (IEP) process, the education team and system, treatment implementation, and documentation methodologies appropriate to school systems. Programming for children from birth to age 21 is included. (S, IRR)

Attributes: OTGE

2 Credits

OTMS 68401 School Based Occupational Therapy (NLA)

Exploration of the current trends in occupational therapy practice in school. Includes the IEP process; the education team and system; evaluation, treatment implementation and documentation methodologies appropriate to school systems. Programming for children from birth to 21 is included. (IRR)

3 Credits

OTMS 68500-68501 Hand Therapy (NLA)

Seminar on the knowledge, skills, and practices of hand therapy and rehabilitation. Hand injuries and surgery, use of physical agent modalities in hand therapy, treatment protocols, advanced splinting, and ethical and legal issues are covered. (S,Y)

Attributes: OTGE

2 Credits

OTMS 68800-68801 Occupational Therapy in Early Intervention (NLA)

Exploration of the current trends in occupational therapy practice in school. Includes the IEP process; the education team and system; evaluation, treatment implementation and documentation methodologies appropriate to school systems. Programming for children from birth to 21 is included. (S,IRR)

Attributes: OTGE

2 Credits

OTMS 69000-69001 Clinical Fieldwork II - Adult/Geriatric

Three months of full-time, supervised clinical experience with the opportunity to treat adult/geriatric patients. Assignment in training center programs approved in accordance with the American Occupational Therapy Association standards of practice for occupational therapy education. Required course. Satisfactory/unsatisfactory only. (April-June,Y)

6 Credits

OTMS 69500 Clinical Fieldwork II - Elective Specialty

Two or three months of full-time, supervised clinical experience with opportunity to plan, implement, and evaluate treatment for patients or clients in a specialty area selected by the student in consultation with the fieldwork coordinator. Required course. Satisfactory/unsatisfactory only. Prerequisites: OTMS 60000; OTMS 69000. (SU,Y)

4 Credits

OTMS 69600 Elective Internship

An eight-week, full-time (or equivalent) internship that provides the opportunity for the student to apply occupational therapy theory and principles in a nontraditional setting under the supervision of a person with demonstrated competence in a specialized area of consultation or service delivery. Alternative to OTMS 69500. Prerequisites: Successful completion of all courses in the graduate program and Clinical Fieldwork II (OTMS 60000 and OTMS 69000). (SU,Y)
4 Credits

OTMS 69900 Graduate Independent Study

Individual research and writing in an area of occupational therapy practice, research, or theory under supervision of an occupational therapy faculty member. An approved design statement is required upon registration. Prerequisites: Permission of supervising faculty member, graduate department chair, and dean. (F,S,SU)
1-3 Credits

Performance-Major (PFMJ)

PFMJ 60100 Voice

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 60300 Piano

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 60500 Organ

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 60700 Harpsichord

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 60900 Violin

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 60901 Violin/Recital (NLA)

Performance studies leading to a recital. Taken only in the semester of the recital. Prerequisite: PFMJ 60900. (F/S)
2 Credits

PFMJ 61100 Viola

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 61101 Viola/Recital (NLA)

Performance studies leading to a recital. Taken only in the semester of the recital. Prerequisite: PFMJ 61100. (F/S)
2 Credits

PFMJ 61300 Cello

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 61500 Double Bass

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 61700 Guitar

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 62100 Flute

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 62300 Oboe

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 62500 Clarinet

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 62700 Bassoon

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 62900 Saxophone

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 63100 French Horn

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 63300 Trumpet

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 63500 Trombone

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.
1-2 Credits

PFMJ 63700 Euphonium

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 63900 Tuba

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 64300 Percussion (NLA)

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 64500 Conducting

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or conducting majors only, except by permission of the graduate chair in music.

1-2 Credits

PFMJ 64700 Private Collaborative Piano

Intensive study of advanced performance techniques, interpretations and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music. (F,S)

1,2 Credit

PFMJ 64701 Collaborative Piano/Recital

Performance studies leading to a recital. Taken only in the semester of the recital. Prerequisite: PFMJ 64700. (F,S)

2 Credits

Physical Therapy (DPT) (PDPT)

PDPT 51004 Pharmacology (NLA)

The course analyzes the action of basic drugs, including such variables as how the drug is administered, absorbed, distributed, stored, metabolized, and excreted. Evaluation of how drugs are selected for specific pathology is also included. Special emphasis is placed on drugs that are commonly used to treat disorders seen in patients receiving physical therapy. (S,Y)

2 Credits

PDPT 52506 Spine Examination and Rehabilitation (NLA)

Examination of and interventions for patients with neuromusculoskeletal conditions affecting the spine. Students learn objective measurements of spinal posture, mobility, and function to differentiate among various spinal conditions. Selected interventions are presented and practiced. (F,Y)

3 Credits

PDPT 54300 Preclinical Conference II (NLA)

Offers the student the opportunity to prepare for the second clinical internship. This includes site selection, cardiopulmonary resuscitation procedures, updating immunizations, developing a student profile, and establishing contact with the assigned clinical site. In addition, the student will develop a personal plan and objectives for the affiliation experience. Pass/fail only. (F,Y)

0 Credit

PDPT 55900 Psychosocial Aspects of Patient Care (NLA)

A review of psychological and social issues affecting patients and therapists in the clinic, home, and community environments. Addresses special topics relevant to assessing a patient's and a clinician's response to illness. These topics include terminal illness, sexuality and illness or disability, psychosomatic illness, and selected psychiatric disorders. (F,Y)

2 Credits

PDPT 56000 Clinical Administration in Physical Therapy (NLA)

This course focuses on the organizational structure, management, program development, facilities, staffing, informational systems, reimbursement, marketing, and fiscal planning related to the practice of physical therapy. Students apply these concepts and knowledge to the development and management of a "niche" physical therapy practice or service. (F, Y)

4 Credits

PDPT 56800 Research II: Evidence-Based Practice in Physical Therapy (NLA)

Focus is on how research is used to guide clinical decision making and form the basis for contemporary physical therapist practice. Specifically, this course will build upon principles introduced in PTBS 56701 and acquaint students with how to access and critically review the literature to answer clinical questions. Students will evaluate and categorize specific articles that illustrate various types and levels of evidence. Students will also explore specific clinical questions, access the scientific literature using computer databases, and plan interventions based on the strength of the available evidence. Finally, this course will prepare the student to enter PDPT 66900 in their final professional year so they will be able to examine the existing literature and identify areas for future research. (S,Y)

2 Credits

PDPT 57000 Clinical Neuroanatomy (NLA)

Comprehensive study of the structural features and connectivity of the human central nervous system. Emphasis will be placed on understanding the clinical relationships of the morphological basis of neurological dysfunction. Exposes students to medical imaging techniques in order to provide a basis to begin neurological differential diagnosis for physical therapy. (F,Y)

3 Credits

PDPT 57100 Clinical Neurophysiology (NLA)

Clinical neurophysiology addresses the structure and function of nerve cells, somatosensory systems, motor control systems, and the autonomic nervous system. The emphasis of the course is on the development of an understanding of the processes associated with normal functioning of the nervous system in the control of posture movement. Selected examples of nervous system disorders are integrated into each major content area in order to illustrate how an understanding of normal function is important to the understanding of pathology in the nervous system. (F,Y)

3 Credits

PDPT 57200 Motor Development Across the Lifespan (NLA)

Normal motor developmental processes from the embryo to old age. Review of research in the theories of motor control, motor learning, and motor development. Emphasis is placed on the relationship of these theories to growth and development through the lifespan. Topics include the development of musculoskeletal, cardiopulmonary, sensory, and nervous system changes. Other lifespan issues include the development of posture, locomotion, fine motor, speech and language, cognition, fitness, cultural and diversity issues, and functional and developmental examination tools. (S,Y)

3 Credits

PDPT 57300 Fundamentals of the Neurological Examination (NLA)

Prepares students to perform a complete physical therapy neurological examination of patients with peripheral and central nervous system disorders. Students will be directed to perform specific tests that examine cognition, sensation, perception, tone, motor function, balance, gait, and function. The measurement properties of these clinical tests will be discussed. Specific emphasis will be directed to the electrophysiologic examination of peripheral disorders. (S,Y)

3 Credits

PDPT 59000 Clinical Education I (NLA)

The initial assignment to one of a variety of health care facilities for eight weeks. The student is assigned to specified clinical tasks under the close supervision of the clinical instructor. Professional conduct and appearance, basic musculoskeletal assessment and treatment, and application of physical agents are emphasized. Synthesis of all previous professional coursework is exhibited by designing a basic examination and intervention plan based on the results of the subjective and objective examination and substantiation of the intervention rationale. Prerequisites: PTBS 54102; PTBS 54203; PTBS 53101; PTBS 52304; PTBS 56701; PTBS 52405; PTBS 51103. Satisfactory/unsatisfactory only. (Sum,Y)

4 Credits

PDPT 59102 Clinical Education II (NLA)

The second placement for the student in a clinical environment where he or she has the close supervision of a clinical instructor. This experience provides an opportunity to practice and develop skills in analyzing motor performance, in examination and intervention of joint and soft tissue pathologies and spinal dysfunction. The student should also exhibit an understanding of the administration of a physical therapy department. The student continues to synthesize all previous professional coursework. Prerequisites: PDPT 59000. Satisfactory/unsatisfactory only. (S,Y)

4 Credits

PDPT 59500-59534 Clinical Grand Rounds (NLA)

Provides students with the opportunity to participate in physical therapy services for a variety of patients/clients with neuromusculoskeletal pathologies seen in the Ithaca College Occupational and Physical Therapy Clinic. Students participate in the physical therapy patient/client management model under the direct supervision of a licensed physical therapist.

1 Credit

PDPT 59900-59925 Selected Topics in Physical Therapy (NLA)

Clinical and professional topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. (IRR)

0-3 Credits

PDPT 60100 Wellness and Prevention (NLA)

Explores the role of physical therapy in wellness and prevention of common health concerns of individuals, groups and communities. Develops the awareness and expertise of the physical therapist in functioning in this capacity. Reinforces the physiological rationale behind designing comprehensive wellness programs. Emphasis on identifying risks, performing culturally appropriate health and wellness interventions, general concepts of program development and assessment, and integration for teaching/learning and motivation strategies. Also explores national agenda regarding health promotion and prevention of chronic disease. Prerequisites: Completion of BS in Clinical Health Studies. (F,Y,B)

1 Credit

PDPT 60200 Neuroscience (NLA)

This course covers an in-depth study of the nervous system structure and function important to the practice of physical therapy. Topics include the physical and electrical properties of cells in the nervous system, sensory-motor integration, motor and postural control, clinical syndromes, plasticity and nervous system development. Prerequisites: Completion of BS in Clinical Health Studies. (B,F,Y)

0-5 Credits

PDPT 60300 Musculoskeletal II (NLA)

Examination of and interventions for patients with neuromusculoskeletal conditions affecting the spine. Students learn objective measurements of spinal posture, mobility, and function to differentiate among various spinal conditions. Selected interventions are presented and practiced.

Prerequisites: Completion of BS in Clinical Health Studies. (F,Y)

3 Credits

PDPT 60400 Neuromuscular Foundations (NLA)

Prepares students to perform a complete physical therapy neurological examination of patients with peripheral and central nervous system disorders. Students will be directed to perform specific tests that examine cognition, sensation, perception, muscle tone, motor function, balance, gait, and function. The measurement properties of these clinical tests and balance and gait outcome measures will be discussed. Neuroplasticity and motor control theories will be presented.

Prerequisites: Completion of BS in Clinical Health Studies. (F,Y)

0-3 Credits

PDPT 60500 Pharmacology (NLA)

The course analyzes the action of basic drugs, including such variables as how the drug is administered, absorbed, distributed, stored, metabolized, and excreted. Evaluation of how drugs are selected for specific pathology is also included. Special emphasis is placed on drugs that are commonly used to treat disorders seen in patients receiving physical therapy. Prerequisites: Completion of BS in Clinical Health Studies. (F,Y)

2 Credits

PDPT 60600 Integrated Clinical Experience III (NLA)

This clinical education experience provides students with an opportunity to work with patients under the supervision of a faculty member with increasing independence in a diverse experience. Students will apply knowledge and skills in order to assume greater responsibilities in direct patient care. Satisfactory/Unsatisfactory only. Prerequisites: Completion of BS in Clinical Health Studies. (F,S,Y)

1 Credit

PDPT 60601 Integrated Clinical Experience IV (NLA)

This clinical education experience provides students with an opportunity to work with patients under the supervision of a faculty member with increasing independence in a diverse experience. Students will build apply knowledge and skills in order to assume greater responsibilities in direct patient care. Satisfactory/Unsatisfactory only. (F,IRR,S,Y)

0 Credit

PDPT 60700 Pathokinesiology (NLA)

This course presents specific pathological conditions (primarily organized according to anatomical regions) that result in disorders of posture, movement and locomotion. The presentation and analyses of these pathological conditions include neurological, neuromotor, and musculoskeletal aspects with respect to the causes of dysfunction. Laboratory exercises require the student to use movement analysis equipment to demonstrate pathomechanics and abnormal movement patterns. The course builds upon the foundations of movement analysis examined during Applied Biomechanics PTBS-50400. Prerequisites: Completion of BS in Clinical Health Studies. (F,Y)
3 Credits

PDPT 60800 Evidence-Based Practice II (NLA)

Focus is on how research is used to guide clinical decision-making and form the basis for contemporary physical therapist practice. Specifically, this course will build upon principles introduced in PTBS 50800 and acquaint students with how to access and critically review the literature to answer clinical questions. Students will evaluate and categorize specific articles that illustrate various types and levels of evidence. Students will also explore specific clinical questions, access the scientific literature using computer databases, and plan interventions based on the strength of the available evidence. Finally, this course will prepare the student to enter PDPT 61600 in their final professional year so they will be able to examine the existing literature and identify areas for future research. Prerequisites: Completion of BS in Clinical Health Studies. (S,Y)
2 Credits

PDPT 60900 Motor Development across the Lifespan (NLA)

Typical motor development processes from the embryo to old age. Review of research and theory; evaluation of gross motor and fine motor development; and the influence of perception, visualization and auditory, kinesthetic, and cognitive input on the acquisition of motor skills. Lifespan issues will be addressed. Prerequisites: Completion of BS in Clinical Health Studies. (S,Y)
3 Credits

PDPT 61000 Cardiovascular and Pulmonary Testing and Management (NLA)

A review of normal cardiovascular and pulmonary physiology, and the response of these systems to exercise and disease. Cardiovascular and pulmonary pathologies include a review of the medical and surgical management of specific diseases. Study and practice of evaluation procedures are performed in the laboratory to determine the status of cardiovascular and pulmonary function. Clinical management procedures used by all members of the rehabilitation team are reviewed, with emphasis on specific physical therapy procedures for people with cardiovascular and pulmonary problems. Prerequisites: Completion of BS in Clinical Health Studies. (S,Y)
3 Credits

PDPT 61100 Neurological Rehabilitation I (NLA)

This course focuses on the body structure/function impairments, activity limitations, and participation restrictions experienced by individuals with neurologic health conditions resulting from acquired disorders of the central nervous system. Students will apply a systematic clinical decision-making approach to the physical therapy examination of these individuals. By integrating data from the patient's medical history with reports from interdisciplinary team members, and findings from standardized examinations and functional task analysis, a movement system diagnosis and a realistic prognosis will be established. Design and progression of the physical therapy plan of care will be considered, guided by current concepts of neuroplasticity and neurotherapeutics. Prerequisites: Completion of BS in Clinical Health Studies. (S,Y)
4 Credits

PDPT 61200 Clinical Education I (NLA)

The first full time placement for the student in a clinical environment where he or she has the close supervision of a clinical instructor. This experience provides an opportunity to practice and develop skills in analyzing motor performance, in examination and intervention of joint and soft tissue pathologies and spinal dysfunction. The student should also exhibit an understanding of the administration of a physical therapy department. The student continues to synthesize all previous professional coursework. Satisfactory/Unsatisfactory only. Prerequisites: Successful completion of all prior required coursework. (U,Y)
4 Credits

PDPT 61300 Clinical Orthopedics (NLA)

Reviews the medical and conservative management of common orthopedic disorders. Initially the course focuses on review of basic principles of orthopedic diagnosis and pathology, followed by medical and conservative management of common orthopedic disorders of the extremities. An expectation is that students will integrate information gained from prior coursework. Prerequisites: Successful completion of all prior required coursework. (B,F,Y)
3 Credits

PDPT 61400 Clinical Administration in Physical Therapy (NLA)

In this course students learn how to start and manage a physical therapy practice. The course focuses on organizational structure, management, program development, facilities, staffing, information systems, reimbursement, marketing, and fiscal planning. Prerequisites: Successful completion of all prior required coursework. (F,Y)
3 Credits

PDPT 61500 Neurological Rehabilitation II (NLA)

This course builds on concepts introduced in PDPT 61100, with a focus on the body structure/function impairments, activity limitations, and participation restrictions experienced by individuals with neurologic health conditions resulting from specific acquired disorders of the central and peripheral nervous system. Students will gain continued exposure to the application of a systematic clinical decision-making approach to the physical therapy examination process, integrating data from the patient's medical history with reports from interdisciplinary team members and findings from standardized examinations and functional task analysis to arrive at a movement system diagnosis and establish a realistic prognosis. Design and progression of the physical therapy plan of care will be considered, guided by current concepts of neuroplasticity and neurotherapeutics as it applies to the health conditions that are considered. Prerequisites: Successful completion of all prior required coursework. (F,Y)
3 Credits

PDPT 61600 Case Report I (NLA)

This course is focused on case report methodology to model evidence based practice. Students will identify a relevant case during Clinical Education I and use the information to base their project on. Online lectures will focus on how to prepare a manuscript, abstract, and poster presentation. Students will have frequent individual and small group meetings with a project mentor throughout the semester. Prerequisites: PDPT 61200. (F,Y)

2 Credits

PDPT 61700 Pediatric Rehabilitation (NLA)

This course focuses on the etiology, pathology, diagnosis, medical, surgical, and physical therapy management of pediatric disorders of the neuromuscular system (inherited and acquired disorders of development and movement). Using the International Classification of Functioning and Disability (ICF) framework, students will apply systematic clinical decision-making that integrates all aspects of patient-client management for infants, toddlers, children, teens, and young adults aged birth to 21 years. Prerequisites: Successful completion of all prior required coursework. (F,Y)

3 Credits

PDPT 61800 Orthotics/Prosthetics (NLA)

An in-depth review of the principles and practices of orthotics and prosthetics as applied by a physical therapist. This includes a survey of the basic biomechanical principles used in applying orthotic and prosthetic appliances as well as principles of patient application, training and management of complications. Prerequisites: Successful completion of all prior required coursework. (F,Y)

2 Credits

PDPT 61900 Clinical Education II (NLA)

This is a student's second full time placement in a clinical environment, giving the opportunity to apply more advanced theories and treatment procedures to a selected patient caseload with guidance from a clinical instructor. Satisfactory/Unsatisfactory only. Prerequisites: Successful completion of all prior required coursework. (S,Y)

5 Credits

PDPT 62000 Psychosocial Aspects of Patient Care (NLA)

A review of psychological and social issues affecting patients and therapists in the clinic, home, and community. Addresses special topics relevant to assessing a patient's and a clinician's response to illness. These topics include health, culture, sexuality, bias, disability, abuse, psychosomatic illness, pain perception, grief and loss, and selected psychiatric disorders. Students will consider psychological, social, cultural and ethical issues of clients/patients and physical therapists' interactions in current practice settings. Emphasis will be placed on health, illness, and disability. Various theoretical frameworks will be introduced. Students will participate in large and small group discussions and have opportunities to reflect on their own values, beliefs, and biases as well as their past health-related experiences. The aim of the course is to integrate the psychosocial and physical aspects of patient care and yield reflective and effective health care providers. Prerequisites: Successful completion of all prior required coursework. (S,Y)

3 Credits

PDPT 62100 Advanced Clinical Management (NLA)

This course focuses on the clinical reasoning process to manage complex cases and the interaction with other healthcare specialists. Students will be required to integrate concepts from previous coursework as they consider reasoning strategies for cases with multisystem disease. This case-based course will require students to work through diagnosis, prognosis, and interventions, including treatment progression and consideration of the need for referral of multi-disciplinary management. Prerequisites: Successful completion of all prior required coursework. (S,Y)

2 Credits

PDPT 62200 Case Report II (NLA)

This course is a continuation of Case Report I that is focused on case report methodology to model evidence based practice. Frequent meetings with a project mentor occurs throughout the semester while the student writes their final paper and prepares for presentation. Prerequisites: Successful completion of all prior required coursework. (S,Y)

1 Credit

PDPT 62300 Professional Development III (NLA)

A continuation of the professional development series, this course advances the students' understanding and application of their role as a professional in their relationship with patients/clients, in the practice setting and in our society. Analyses of clinical situations facilitate student exploration of ethical decision-making, patient advocacy, cultural diversity, leadership, and application of professionalism. Strategies for adaptability and time management in the clinical setting are presented. This class prepares students to enter the workforce, begin clinical practice, and continue on a path of lifelong learning. Prerequisites: Successful completion of all prior required coursework. (S,Y)

1 Credit

PDPT 62400 Clinical Education III (NLA)

This is a student's final full time placement in a clinical environment. This course is the capstone course in the clinical education series. At the conclusion of the 12-week placement, the student is expected to demonstrate entry level physical therapy practice. Satisfactory/Unsatisfactory only. Prerequisites: Successful completion of all prior required coursework. (U,Y)

6 Credits

PDPT 62607 Clinical Orthopedics

Reviews the medical and conservative management of common orthopedic disorders. Initially the course focuses on review of basic principles of orthopedic diagnosis and pathology, followed by medical and conservative management of common orthopedic disorders of the extremities. An expectation is that students will integrate information gained from prior coursework. (F,Y)

2 Credits

PDPT 62900 Independent Clinical Study (NLA)

This course is designed to meet the individual needs of a student, which are identified during a clinical education course. Content of this course will address specific objectives identified by the student, the clinical instructor(s), and the director of clinical education. Prerequisites: All previous coursework; faculty permission required. (F,S,Y)

1-3 Credits

PDPT 63800 Pathokinesiology (NLA)

Presents specific pathological conditions (primarily organized according to anatomical regions) that result in disorders of posture, movement, and locomotion. The presentations and analyses of these pathokinesiological conditions include neurological, neuromotor, and musculoskeletal aspects with respect to the causes of dysfunction. Laboratory exercises require the student to use movement analysis equipment to demonstrate pathomechanics and abnormal movement patterns. (F,Y)

3 Credits

PDPT 63900 Orthotics/Prosthetics (NLA)

An in-depth review of the principles and practices of orthotics and prosthetics as applied by a physical therapist. This includes a survey of the basic biomechanical principles used in applying orthotic and prosthetic appliances, as well as principles of patient application, training, and management of complications. (S,Y)

2 Credits

PDPT 64500 Pre-Clinical Conference III (NLA)

A series of sessions to explain the policies and procedures for graduate clinical education and choose sites for graduate clinical affiliations.

Pass/fail only. (F,Y)

0 Credit

PDPT 64600 Professional Development III

A continuation of the professional development series, this course advances the students' understanding and application of their role as a professional in their relationship with patients/clients, in the practice setting and in our society. Prepares students for participation in clinical education coursework and clinical practice. Strategies for adaptability and time management in the clinical setting are presented. Analyses of clinical situations facilitate student exploration of ethical decision making, patient advocacy, cultural diversity, leadership, and application of professionalism. (S,Y)

1.5 Credits

PDPT 66900 Research III: Research Seminar (NLA)

Research III is a hour course designed to provide a mentored experience in evidence based practice to entry level physical therapy students. Working in small groups with a mentor, students use evidence based practice principles to make clinical decisions associated with diagnosis, therapy and prognosis. At the completion of each case students are expected to determine optimal diagnostic and intervention procedures for each case based on current evidence. (F,Y)

3 Credits

PDPT 67400 Neurological Rehabilitation I (NLA)

This course focuses on the body structure / function impairments, activity limitations, and participation restrictions experienced by individuals with neurologic health conditions resulting from acquired disorders of the central nervous system. Students will apply a systematic clinical decision-making approach to the physical therapy examination of these individuals, integrating data from the patient's medical history with reports from interdisciplinary team members and findings from standardized examinations and functional tasks analysis to arrive at a movement system diagnosis and establish a realistic prognosis. Design and progression of the physical therapy plan of care will be considered, guided by current concepts of neuroplasticity and neurotherapeutics. (F,Y)

3 Credits

PDPT 67500 Neurological Rehabilitation II (NLA)

This course builds on concepts introduced in PDPT 67400, with a focus on the body structure / function impairments, activity limitations, and participation restrictions experienced by individuals with neurological health conditions resulting from specific acquired disorders of the central and peripheral nervous system. Students will gain continued exposure to the application of a systematic clinical decision-making approach to the physical therapy examination process, integrating data from the patient's medical history with reports from interdisciplinary team members and findings from standardized examinations and functional task analysis to arrive at a movement system diagnosis and establish a realistic prognosis. Design and progression of the physical therapy plan of care will be considered, guided by current concepts of neuroplasticity and neurotherapeutics as it applies to the health conditions that are considered. (F,Y)

3 Credits

PDPT 67600 Pediatric Rehabilitation (NLA)

This course focuses on the etiology, pathology, diagnosis, medical, surgical, and physical therapy management of pediatric disorders of the neuromuscular system. Identification of body structure/ function impairments, activity limitations, and participation restrictions experienced by children with inherited and acquired disorders of development and movement is emphasized. Students will apply a systematic clinical decision-making model that integrates review of records, data collection, hypothesis formulation and development of an appropriate pediatric plan of care. (F,Y)

2.5 Credits

PDPT 68100 Cardiac Testing and Management (NLA)

A review of normal cardiac physiology and the response of this system to exercise and disease. Cardiac pathologies are discussed, including a review of the medical and surgical management of specific disease groups. Evaluation procedures utilized to determine the status of the cardiac system's performance are studied and performed in the laboratory. Clinical management procedures used by all members of the rehabilitation team are reviewed with emphasis on specific physical therapy procedures. (S,Y)

2 Credits

PDPT 68260 Medical Screening and Disease

General overview of common diseases and surgical interventions in the practice of general medicine and surgery that may be seen in physical therapist practice. Presentations by clinical practitioners will emphasize medical and surgical management procedures. With these topics serving as a foundation for medical screening of major organ systems within existing physical therapy examination techniques will enable the student to differentiate between patients and clients who are appropriate for physical therapy intervention, need closer monitoring and those who should be referred to other medical practitioners. Complex cases with multisystem diseases will be discussed. (S,Y)

4 Credits

PDPT 68300 Pulmonary Testing and Management (NLA)

Review of normal pulmonary physiology and the response of the pulmonary system to exercise and disease. Pulmonary pathologies are discussed, including a review of the medical and surgical management of specific disease groups. Evaluation procedures utilized to determine the status of the pulmonary system's performance are studied and performed in the laboratory. Clinical management procedures used by all members of the rehabilitation team are reviewed, with emphasis on specific physical therapy procedures utilized in treating patients with pulmonary disease. (S,Y)

2 Credits

PDPT 68450 Advanced Clinical Reasoning

This course challenges students to explore a novel or controversial physical therapy management issue. The topics are chosen by the faculty and approached from three perspectives including 1) theory development, 2) evidence based medicine, and 3) management issues. Each project must include the following theory, evidence, and application to patients. Students are expected to gain practical experience implementing changes in care delivery. (S,Y)
2 Credits

PDPT 68500 Wellness and Prevention

The role of physical therapy in wellness and prevention for individuals, groups, and communities. The physiological rationale behind designing comprehensive wellness programs is presented. Topics include the development and implementation of general fitness and prevention programs for a variety of clients, including those with chronic disabilities. (F,Y)
1 Credit

PDPT 68700 Pre-Clinical Conference IV

The course provides for a formal series of sessions during which students will be provided pertinent information and instruction regarding Clinical Education IV-V and IV/V experiences. (S/Y)
0 Credit

PDPT 69000-69010 Selected Topics in Physical Therapy (NLA)

Clinical and professional topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. (IRR)
0-3 Credits

PDPT 69200 Clinical Education III (NLA)

A student's third placement in a clinical environment, giving the opportunity to apply more advanced theories and treatment procedures to a selected patient caseload with guidance from a clinical instructor. Eight weeks in length. Prerequisites: Satisfactory completion of all prior required coursework. Satisfactory/unsatisfactory only. (S,Y)
4 Credits

PDPT 69300 Clinical Education IV

This is the fourth course in the clinical education series. The student is expected to begin to assume the role of the primary physical therapist under the direct supervision of a licensed physical therapist. The student begins to manage all aspects of patient care. One six-week session. Student must register for this course and PDPT 69400 or register for PDPT 69500. Satisfactory/unsatisfactory only. (Sum,Y)
3 Credits

PDPT 69400 Clinical Education V

This is the fifth and final course in the clinical education series. The student is expected to begin to assume the role of the primary therapist under the direct supervision of a licensed physical therapist. The student achieves competency in managing all aspects of patient care. One six-week session. Student must register for this course and PDPT 69300 or register for PDPT 69500. Satisfactory/unsatisfactory only. (Sum,Y)
3 Credits

PDPT 69500 Clinical Education IV/V

Clinical Education IV/V is one of the final options for placement of the student in a clinical environment. This course is the capstone course in the clinical education series. At the conclusion of the 12-week placement, the student is expected to demonstrate entry level physical therapy practice. One 12-week session. Students must register for this course or PDPT 69300 and PDPT 69400. Satisfactory/unsatisfactory only. (Sum, Y)
6 Credits

PDPT 69900 Independent Study (NLA)

This course, which requires a faculty sponsor, allows students to complete an in-depth study or project in an area of their interest related to physical therapy. Includes a final presentation. Prerequisites: Permission of faculty sponsor, academic adviser, graduate chair, and dean. May be repeated for a total of (F,S,Y)
1-3 Credits

Physical Therapy-Undergrad (PTBS)

PTBS 50000 Documentation for Physical Therapy (NLA)

Introduction to written documentation of physical therapy services using the APTA Patient/Client Management Model and the International Classification of Functioning, Disability and Health Model. Topics include written documentation of initial examinations, progress notes, and discharges; legal guidelines; medical terminology; and electronic health record. Prerequisite: PTBS 40000. (Su,Y)
1 Credit

PTBS 50100 Human Anatomy (NLA)

Human Anatomy is the study of the gross anatomical components of the human body through the use of lecture and cadaver dissection. Emphasis is placed on the musculoskeletal and neurovascular systems found in the extremities, trunk, chest, and abdominal walls, and in the head and neck. Prerequisites: PTBS 31400. (U,Y)
6 Credits

PTBS 50200 Musculoskeletal I (NLA)

Application of the patient/client management model with emphasis on examination, evaluation, and diagnosis of musculoskeletal problems of the extremities. Emphasis is placed on the following skills: patient history, joint integrity and mobility, goniometry, muscle performance testing, flexibility testing, ligament testing, special orthopedic tests, and posture as it relates to the extremities. Prerequisites: PHYS 10100, PHYS 10200, and PTBS 50100. (F,Y)
4 Credits

PTBS 50300 Soft Tissue Examination and Interventions (NLA)

This lecture and laboratory course examines various methods of soft tissue examination and intervention. It is designed to expose the student to a broad spectrum of techniques, while teaching the skills of the most commonly used methods. Some of the techniques are more scientifically evidence based than others. The course will emphasize critical assessment and foster the necessity for research-based analysis. The course is also designed to develop the student's palpation skills, including the examination and evaluation of soft tissue dysfunction. Prerequisites: PTBS 50100. (F,Y)
2 Credits

PTBS 50400 Applied Biomechanics (LA)

Application of mechanical principles to human movement with particular attention to the effect of forces in producing normal movement. Students are required to apply their knowledge of anatomy to understanding individual joint function, as well as the integrated function of several joints during complex activities such as the normal gait. Prerequisites: PHYS 10100, PHYS 10200, and PTBS 50100. (F,Y)
3 Credits

PTBS 50500 Professional Development II (NLA)

Introduction to the Practice Act, roles of paraprofessionals, professional and ethical behavior, and effective communication styles. Instruction in clinical education teams, models of clinical education, and assessment of clinical performance. Prerequisites: PTBS 40100. (F,Y)
Attributes: CP
1 Credit

PTBS 50600 Medical Screening I (NLA)

This course covers the principles and interpretation of diagnostic testing. Students will become competent in understanding radiologic interpretations of X-rays, Computed Tomography, MRI, Nuclear, ultrasound imaging and nerve conduction testing. Radiographic anatomy, densities, views, and structural analysis are taught using digital imaging. Patient cases will be used to compare patho-structural diagnosis with actual symptoms and clinical presentation. Prerequisites: PTBS 31400. (F,Y)

1 Credit

PTBS 50700 Integrated Clinical Experience I (NLA)

This first clinical education experience provides students with an opportunity to work with patients under the supervision of a faculty member. Students will apply knowledge and skills and assume appropriate responsibilities in direct patient care. Pass/Fail only. Prerequisites: PTBS 40000, PTBS 50000. (F,Y,B)

1 Credit

PTBS 50800 Evidence Based Practice I (NLA)

An overview of how the research literature can guide clinical decision making and form the basis for contemporary physical therapist practice. Emphasis on how evidence is used to answer clinical questions that affect the examination process, evaluation procedures, and interventions commonly used by physical therapists. The historical background for evidence based practice will be examined at the start of this course, followed by an analysis of the fundamental components of evidence based practice. Contemporary issues in physical therapist practice will be used to illustrate various issues and topics in this course. Prerequisites: MATH 14400, MATH 14500, MATH 15500, MATH 21600 or PSYC 20700. (F,Y)

3 Credits

PTBS 50900 Integrated Clinical Experience II (NLA)

This second clinical education experience provides students with an opportunity to work with patients under the supervision of a faculty member in a diverse experience. Students will apply knowledge and skills and assume appropriate responsibilities in direct patient care. Pass/Fail only. Prerequisites: PTBS 50700. (S,Y,B)

1 Credit

PTBS 51000 Joint Mobilization (NLA)

Lecture and laboratory course that provides an evidence based manual therapy approach toward evaluation and management of musculoskeletal conditions using joint mobilization. Emphasis will be on enhancing the student's clinical reasoning and manual therapy skills. Prerequisites: PTBS 50200 and PTBS 50300. (S,Y)

2 Credits

PTBS 51002 Human Anatomy

Study of the gross anatomical components of the human body through the use of lecture and cadaver dissection. Emphasis is placed on the musculoskeletal and neurovascular systems found in the extremities, trunk, chest, and abdominal walls, and in the head and neck. Prerequisites: BIOL-20600. (Sum,Y)

6 Credits

PTBS 51100 Therapeutic Exercise (NLA)

A comprehensive analysis of the scientific principles of exercise commonly used in physical therapy practice. Specific exercise programs will be discussed, as well as adaptations of tissue to activity and immobilization. Prerequisites: PTBS 40200, PTBS 50200, and PTBS 50400. (S,Y)

3 Credits

PTBS 51103 Pathology for Physical Therapists (LA)

Examination of the components of general disease and injury processes and specific components of selected diseases likely to be encountered in physical therapy practice. General pathology topics described include cell and tissue injury, inflammation, and the healing and repair process. Specific focus on diseases of the musculoskeletal, cardiovascular, pulmonary, integumentary, and nerve systems. Emphasis is placed on understanding the underlying mechanisms of structural and functional disruptions for adults, with secondary comparisons to pathology across the life span. This course provides background information necessary for performing differential diagnosis and patient treatments. Prerequisites: PTBS 51002; PTBS 31300. (S,Y)

3 Credits

PTBS 51200 Acute Care (NLA)

This course will provide students with the knowledge related to and skills required in the acute care setting. Students will develop competency in acute care evaluations, interventions, and discharge planning. Both didactic and laboratory activities will be used to integrate curricular content to address the complex patient and dynamic environment encountered in acute care. Prerequisites: PTBS 40000. (F,Y)

2 Credits

PTBS 51300 Electrotherapeutic Modalities and Physical Agents (NLA)

The study of the biophysical, physiological, and clinical principles and procedures associated with the application of electromagnetic and acoustic energy in the clinical management of pathological conditions. Prerequisites: PHYS 10100, PHYS 10200, and PTBS 50100. (S,Y)

3 Credits

PTBS 51400 Medical Screening II (NLA)

Builds on the principles introduced in Medical Screening I allowing the students to integrate these principles into an efficient and effective patient examination. A systematic approach to evaluating a patient's history and performing a systems review allows students to identify risk factors, red flags, visceral pain patterns, and constitutional symptoms that warrant a medical referral. Decisions for recommending lab tests or imaging are based on specific medical conditions and current appropriateness criteria. Prerequisites: PTBS 50600. (S,Y)

2 Credits

PTBS 51500 Health Care Systems (NLA)

This course familiarizes students with the basic constructs of the U.S. health care system, with emphasis on how system components influence patient referrals, delivery of care, reimbursement, and outcomes. Prerequisites: PTBS 40100. (S,B,Y)

1 Credit

PTBS 52102 Musculoskeletal Examination and Evaluation (NLA)

Introduction to the patient/client management model with emphasis on examination, evaluation, and diagnosis of musculoskeletal problems of the extremities. Emphasis is placed on the following skills: patient history, range of motion, goniometry, muscle performance testing, flexibility testing, ligament testing, special orthopedic tests, and posture as it relates to the extremities. Prerequisites: PHYS 10100; PHYS 10200; PTBS 51002. (F,Y)

3 Credits

PTBS 52203 Soft Tissue Palpation and Examination (NLA)

This lecture and laboratory course examines various methods of soft tissue examination and intervention. It covers a broad spectrum of techniques while teaching the skills of the most commonly used methods. Some of the techniques are more scientifically evidence-based than others. The course emphasizes critical assessment and the need for research-based analysis. It develops palpation skills, including the examination and evaluation of soft tissue dysfunction. Prerequisite: PTBS 51002. Corequisites: PTBS 52102; PTBS 53702. (F,Y).

2 Credits

PTBS 52304 Peripheral Joint Mobilization (NLA)

Lecture and laboratory course preparing students to incorporate passive mobility testing into the patient/client examination. Students also learn to use passive joint mobilization interventions for patient/client with peripheral joint pathologies. Prerequisites: PTBS 52102; PTBS 52203. (S,Y)

1.5 Credits

PTBS 52405 Therapeutic Exercise (NLA)

A comprehensive analysis of the scientific principles of exercise commonly used in physical therapy practice. Specific exercise programs address muscle performance, endurance, mobility, and balance impairments. Adaptations of tissue on activity and immobilization are also discussed. Prerequisites: PTBS 31300; PTBS 52102; PTBS 53702 (S,Y)

3 Credits

PTBS 53101 Electrotherapeutic Modalities and Physical Agents (NLA)

The study of the biophysical, physiological, and clinical principles and procedures associated with the application of electromagnetic and acoustic energy in the prevention and treatment of pathological conditions. Prerequisites: PHYS 10100; PHYS 10200; PTBS 51002. (S,Y)

4 Credits

PTBS 53702 Applied Biomechanics (LA)

Application of mechanical principles to human movement. Particular attention to the effect of forces in producing normal movement. Students are required to apply their knowledge of anatomy to understanding individual joint function, as well as the integrated function of several joints during complex activities such as the normal gait. Prerequisites: PHYS 10100; PHYS 10200; PTBS 51002. (F,Y)

Attributes: NS

3 Credits

PTBS 54001 Professional Development I (NLA)

Description of physical therapy as a profession in the United States, including history, professional organization, roles of the physical therapist and related personnel, and scope of practice. Prerequisites: Senior standing. (F,Y)

.5 Credit

PTBS 54102 Preclinical Conference I (NLA)

Series of sessions to explain clinical education policies and procedures and choose sites for clinical affiliations. Prerequisites: Senior standing; clinical health studies major. Pass/fail only. (Su,Y)

0 Credit

PTBS 54203 Professional Development II (NLA)

Introduction to the Practice Act, Code of Ethics, roles of paraprofessionals, professional and ethical behavior, and effective communication styles. Instruction in clinical education teams, models of clinical education, and assessment of clinical performance. Corequisite: PTBS 55501. Prerequisites: PTBS 54001. (S,Y)

Attributes: CP

1 Credit

PTBS 55501 Teaching and Learning in the Clinical Setting (NLA)

Preparation to teach in a variety of settings and formats for academic, clinical, and professional purposes. Content is applicable to community presentations, group in-services, and presentations, as well as patient/family and other individualized teaching. Includes teaching/learning theories and styles, impact of age, culture, environment, and motivation, domains of learning, instructional objectives, teaching methods, and instructional technology. Evaluation, feedback, and outcome measurements are included. (S,Y)

1 Credit

PTBS 55602 Introduction to Health Care Systems (NLA)

Constructs of the U.S. health care system, with emphasis on how parts of the system influence patient referrals, delivery of care, and reimbursement. The course focuses on the health care system's influence on rehabilitation services with emphasis on allied health. Prerequisites: PTBS 54001. (S,Y)

1 Credit

PTBS 56800 Research II: Evidence-Based Practice II

Focuses on how clinicians can evaluate, integrate, and apply research to guide clinical decision making in contemporary physical therapist practice. This course builds on and applies principles introduced to PTBS 56701 (Research I: Evidence-Based Practice I), and helps students become proficient in accessing and critically reviewing the literature to answer clinical questions. Students will evaluate and categorize specific articles that illustrate various types and levels of evidence. Students explore specific clinical questions, access the scientific literature using computer databases, and plan interventions based on strength of the available evidence. This course will prepare the student to enter the Research Seminar series in their final professional year. Prerequisites: PTBS 56701.

2 Credits

PTBS 59000-59025 Selected Topics in Physical Therapy (NLA)

Clinical and professional topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Pre-requisites: As appropriate to topics. Pass/fail only. (IRR)

0-3 Credits

PTBS 59800 Honors Seminar in Physical Therapy (NLA)

For students in the honors program. Research proposals completed in PTBS 59900 are presented and critiqued. In addition, examples of good and poor published journal articles are discussed and analyzed. Prerequisites: PTBS 59900. Note: All undergraduates taking this course for graduate credit must satisfy the conditions listed under "Course Levels." (S,Y)

1 Credit

PTBS 59900 Honors Project (NLA)

For the exceptional student who wishes to pursue graduate research. Results will be summarized in a research proposal, which is a preliminary step toward a graduate thesis. Prerequisites: PTBS 41000; permission of department chair. Note: All undergraduates taking this course for graduate credit must satisfy the conditions listed under "Course Levels." (F,Y)

3 Credits

Physician Assistant Studies-Grad (PASG)

PASG 60000 Medical Interviewing Documentation & Counseling (NLA)

Equip the learner with the fundamentals of patient-centered communication skills, patient education and basic counseling techniques as well as the components of the medical interview. Develop competency in behavioral change counseling strategies such as motivational interviewing. Reinforce these concepts through the introduction to medical documentation. (B,F,Y)

3 Credits

PASG 60100 Foundations of Medical Sciences: Genetics, Microbiology/ Infectious Disease (NLA)

Introduces topics in Genetics, Microbiology, and Infectious Disease in the context of clinical practice. Genetics has a clinical focus based on understanding different disease processes, the role of genetic counseling, the ethical and legal issues related to genetic screening and genetic testing. Microbiology and Infectious Disease covers mechanisms of transmission, principles of aseptic practice, and the role of the human body's normal microflora and the mechanisms by which pathogens cause disease in the human body. (B,F,Y)

3 Credits

PASG 60200 Foundations of Medical Sciences: Physiology (NLA)

Describes the normal physiologic function of the cell and organ systems from a clinical perspective. Describes and explains selected disease states in preparation for Clinical Medicine lecture series, Pathophysiology I and Pathophysiology II. (B,F)

3 Credits

PASG 60300 Diagnostic Imaging (NLA)

Describe and explain typical radiographic findings versus abnormal findings. Recognize how to determine the most appropriate imaging study to order for screening and diagnosis to manage the patient's signs and symptoms. Practice verbal and written communication with healthcare professionals in the radiology department based on the patient's signs and symptoms. Practice verbal communication about the radiological findings with patients. (B,F,Y)

2 Credits

PASG 60400 Human and Radiographic Anatomy and Lab (NLA)

Conduct a complete dissection of the main components of the human body to understand the structure and function, and aid in the performance of physical examination and clinical procedures. (B,F,Y)

6 Credits

PASG 60500 Physician Assistant Professional Practice (NLA)

Provide learners with the history of the Physician Assistant profession, social, regulatory, economic and political aspects of becoming a Physician Assistant. Discuss the professional organizations that represent Physician Assistants. Utilize the knowledge gained to advocate for Physician Assistant profession. Engage with other health professionals to advance clinical practice to meet the needs of patients. Recognize and consider ethical responsibilities in patient care. Identify and assess risk of stress and burnout as a healthcare professional. (F,Y)

1 Credit

PASG 60610 Clinical Assessment I (NLA)

Develop patient-centered communication skills through history taking and interviewing. Use medical diagnostic equipment in conjunction with patient-centered history taking and interview to develop skills for performing a complete and focused physical examination from head-to-toe. Examine lab partners and standardized patients to gain the skills and knowledge to perform a thorough history and physical examination. Prerequisites: PASG 60000. (S,Y)

4 Credits

PASG 60620 Clinical Assessment II (NLA)

Develop proficiency in patient-centered communication skills through comprehensive population specific and focused history taking and interviewing. Use medical diagnostic equipment to refine skills for performing comprehensive population specific and focused physical examinations. Examine peers and standardized patients to advance the skills and knowledge to perform focused history and physical examinations. Prerequisites: PASG 60610. (U,Y)

4 Credits

PASG 60710 Clinical Laboratory and Diagnostics I (NLA)

Select, utilize and interpret clinical laboratory, imaging and other diagnostic test to evaluate each system's principal functions. The topics are synchronized with and correlate to topics in Clinical Medicine I, Pathophysiology of Disease I, Clinical Assessment I and Pharmacology and Therapeutics I. The first of a two part series, where the learner receives instruction in medical laboratory and radiographic studies used in the diagnosis and management of common disorders of the major body systems. (S,Y)

2 Credits

PASG 60720 Clinical Laboratory and Diagnostics II (NLA)

Select, utilize and interpret clinical laboratory, imaging and other diagnostic tests to evaluate each system's principal functions. The topics are synchronized with and correlate to topics in Clinical Medicine II, Pathophysiology of Disease II, Clinical Assessment II and Pharmacology and Therapeutics II. The second of a two part series, where the learner receives instruction in medical laboratory and radiographic studies used in the diagnosis and management of common disorders of the major body systems. Prerequisites: PASG 60710. (U,Y)

2 Credits

PASG 60810 Clinical Medicine I (NLA)

Integrates epidemiology, risk factors (including genetics, as applicable), pathophysiology, signs and symptoms, history and physical findings, laboratory and diagnostic tests, differential diagnosis, therapeutic management, possible complications, prognosis, prevention measures, patient education and follow up of disorders encountered in a primary care setting across the lifespan. Applies a system approach delivered through a combination of traditional lecture and Team Based Learning (TBL) sessions. The topics synchronized with and correlate to topics in Pathophysiology of Disease I, Pharmacology & Therapeutics I, Clinical Assessment I and Clinical Laboratory Medicine I. Organ systems covered in Clinical Medicine I include: Dermatology, Ophthalmology, Otolaryngology (ENT), Cardiology, Electrocardiography (ECG), Pulmonology Medicine, and Hematology/Oncology (Liquid Malignancies). Prerequisites: PASG 60100, PASG 60200, PASG 60400. (S,Y)

6 Credits

PASG 60820 Clinical Medicine II (NLA)

Integrates the epidemiology, risk factors (including genetics, as applicable), pathophysiology, signs and symptoms, history and physical findings, laboratory and diagnostic tests, differential diagnosis, therapeutic management, possible complications, prognosis, prevention measures, patient education, referral, and follow up of disorders encountered in a primary care setting across the lifespan. Applies a system approach delivered through a combination of traditional lecture and Team Based Learning (TBL) sessions. The topics synchronized with and correlative to topics in Pathophysiology of Disease II, Pharmacology & Therapeutics II, Clinical Assessment II and Clinical Laboratory Medicine II. Organ systems covered in Clinical Medicine II include: Gastroenterology, Nephrology/Urology, Endocrinology, Rheumatology, Orthopedics, Neurology, and Oncology. Prerequisites: PASG 60610, PASG 60710, PASG 60810, PASG 61010, PASG 61310. (U,Y)
6 Credits

PASG 60830 Clinical Medicine III (NLA)

Integrates the epidemiology, risk factors (including genetics, as applicable), pathophysiology, signs and symptoms, history and physical findings, laboratory and diagnostic tests, differential diagnosis, therapeutic management, possible complications, prevention measures, prognosis, patient education, referral, and follow-up of emergent and non-emergent disorders encountered across the lifespan in primary care. Apply knowledge obtained in Clinical Medicine I and II to specific populations and clinical situations. It is delivered through a combination of traditional lectures and Team Based Learning (TBL) sessions. Topics covered in Clinical Medicine III: Emergency Medicine, General Surgery, Geriatrics, Pediatrics, and Women's Health. Throughout each module, learners will engage in critical thinking and integration of clinical concepts exercises through TBL. Prerequisites: PASG 60620, PASG 60720, PASG 60820, PASG 61020, PASG 61320. (F,Y)
6 Credits

PASG 60910 Evidenced Based Medicine I: Introduction & Research Methodology (NLA)

Describe the foundational principles and terms related to evidenced-based medicine and practice. Identify typical research design models and methodology. Explain basic statistical principles. Learn methods to appraise the quality of clinical research. Explain how to use evidenced-based medicine to communicate with and inform patients about clinical practice. First in a series of three courses. (S,Y)
2 Credits

PASG 60920 Evidenced Based Medicine II: Critical Appraisal (NLA)

Apply the principles of Evidenced-Based Medicine and Practice (EBM and EBP) to an answerable clinical question. Create a literature review plan based on a clinical research question using appropriate search terms, database, and information sources. Analyze and appraise the medical literature and pharmaceutical materials. Create literature review. The second in a series of three courses. Prerequisites: PASG 60910. (U,Y)
2 Credits

PASG 60930 Evidenced Based Medicine III: Effective Communication in Health Care (NLA)

Apply the principles of Evidenced-Based Medicine and Practice (EBM and EBP) to Community-Based Participatory Research. Create an answerable clinical question or examine a process in clinical practice for improvement to deliver safe, efficient, timely, quality patient care. Analyze and appraise the quality improvement medical literature. Practice summarizing findings in a scholarly format appropriate for publication. The third in a series of three courses. Prerequisites: PASG 60920. (F,Y)
2 Credits

PASG 61010 Pharmacology and Therapeutics I (NLA)

Describe and explain the general principles of the effects of drugs on different organ systems and disease processes. Describe and explain the mechanism by which drugs produce their therapeutic and toxic effects, and the factors influencing their absorption, distribution and biological actions. Topics are synchronized with and correlative to topics in Clinical Medicine I, Pathophysiology of Disease I, Clinical Assessment I and Clinical Laboratory Medicine I. The first in a series of two courses. Prerequisites: PASG 60100, PASG 60200. (S,Y)
2 Credits

PASG 61020 Pharmacology and Therapeutics II (NLA)

Describe and explain the general principles of the effects of drugs on different organ systems and disease processes. Describe and explain the mechanism by which drugs produce their therapeutic and toxic effects, and the factors influencing their absorption, distribution and biological actions. Topics are synchronized with and correlative to topics in Clinical Medicine II, Pathophysiology of Disease II, Clinical Assessment II and Clinical Laboratory Medicine II. The second in a series of two courses. Prerequisites: PASG 61010. (U,Y)
2 Credits

PASG 61100 Leadership and Advocacy (NLA)

Define and describe the attributes of a leader. Explain the roles of Physician Assistant leaders. Prepare Physician Assistant learners to take a leadership role in the delivery of patient-centered care. Recognize and appropriately address gaps in medical knowledge and physical and mental limitations in self and others. Advocate for patients through involvement in quality improvement initiatives. Advocate for the PA profession by developing leadership skills and an understanding of the importance of quality improvement in patient safety. Commitment to excellence and ongoing professional development. Prerequisites: PASG 60500. (S,Y)
1 Credit

PASG 61210 Interprofessional Education I (NLA)

Identify and implement the principles of interprofessional education and collaborative practice. Apply the knowledge of one's own role and those of other professions to appropriately assess and address the health care needs of patients and to promote and advance the health of populations (IPEC Competency 2). Define collaboration more effectively and creatively across health care disciplines to optimize health care and improve population outcomes. The first of two courses. Prerequisites: PASG 60500. (S,Y)
0 Credit

PASG 61220 Interprofessional Education II: Interprofessional Communication (NLA)

Expand on identification and implementation of the principles of interprofessional education and collaborative practice. Communicate with patients, families, communities, and professionals in health and other fields to promote and maintain health and prevention of disease (IPEC Competency 3). Develop communication skills to collaborate more effectively and creatively across health care disciplines to optimize health care and improve population outcomes. Builds on IPE I. Prerequisites: PASG 61100, PASG 61210. (U,Y)
0 Credit

PASG 61310 Pathophysiology I (NLA)

Apply knowledge from the basic medical sciences to clinical medicine. Expand on the overview of medical physiology and introduce underlying pathological basis for specific disease processes common to primary care. Explore congenital and acquired diseases with an emphasis on providing understanding of pathologic physiology in conjunction with information regarding medical history and laboratory data to solve case based clinical problems during small group discussions. Examine how pathophysiology translates into patient signs, symptoms and laboratory test results. Identify the thought processes leading to development of differential diagnoses. The first of a two-semester series. Synchronized with appropriate and correlative lectures in Clinical Assessment I, Clinical Medicine I, Clinical Laboratory Medicine I and Pharmacology & Therapeutics I. Prerequisites: PASG 60200. (S,Y)
2 Credits

PASG 61320 Pathophysiology II (NLA)

Apply knowledge from the basic medical sciences to clinical medicine. Expand on the overview of medical physiology and introduce underlying pathological basis for specific disease processes common to primary care. Explore congenital and acquired diseases with an emphasis on providing understanding of pathologic physiology in conjunction with information regarding medical history and laboratory data to solve case based clinical problems during small group discussions. Examine how pathophysiology translates into patient signs, symptoms and laboratory test results. Identify the thought processes leading to development of differential diagnoses. The second of a two-semester series. Synchronized with appropriate and correlative lectures in Clinical Assessment II, Clinical Medicine II, Clinical Laboratory Medicine II and Pharmacology & Therapeutics II. Prerequisites: PASG 61310. (U,Y)
2 Credits

PASG 61400 Behavioral and Mental Health Care (NLA)

Integrates the epidemiology, risk factors (including genetics, as applicable), pathophysiology, signs and symptoms, history and physical findings, laboratory and diagnostic tests, differential diagnosis, therapeutic management, possible complications, prevention measures, prognosis, patient education and follow-up of emergent and non-emergent disorders encountered across the lifespan in primary care related to Behavioral and Mental Health. Utilizes a systems approach and is delivered through a combination of traditional lectures and Team Based Learning (TBL) sessions. Prerequisites: PASG 60820, PASG 61020, PASG 61320. (F,Y)
3 Credits

PASG 61500 Clinical Skills and Procedures (NLA)

Introduce learners to essential procedures and skills necessary for primary care practice such as venipuncture; injection techniques; casting and splinting; suturing and more. Participate in Basic Life Support, Advanced Cardiac Life Support and Pediatric Advanced Life Support Certification training. Prerequisites: PASG 60620, PASG 60820. (F,Y)
4 Credits

PASG 61600 Ethics, Law, and Social Justice in Healthcare (NLA)

Describe and define principles of ethics and laws in healthcare. Apply understanding of principles of healthcare ethics and the laws to cases that illustrate where social determinants of health (i.e. access to justice), ethics and the law intersect. Explore roles and responsibilities as healthcare providers and discover how interdisciplinary collaboration is key for effective advocacy and changes in health policy that address health disparities and social injustice. Prerequisites: PASG 61100. (F,Y)
1 Credit

PASG 61700 Population and Community Health (NLA)

Apply relationship-building values and the principles of team dynamics to perform effectively in different team roles to plan, deliver, and evaluate patient/population-centered care and population health programs and policies that are safe, timely, efficient, effective, and equitable (IPEC Competency 4). Expand on identification and implementation of the principles of interprofessional education and collaborative practice in the communities served. Enhance communication skills with patients, families, communities, professionals in health and other fields to promote and maintain health and prevention of disease. Collaborate more effectively and creatively across health care disciplines to optimize health care and improve population outcomes. Consider effective leadership skills needed to advocate for patients and quality improvement in patient safety. Prerequisites: PASG 61220. (F,Y)
2 Credits

PASG 70000 Supervised Clinical Practice Experience - Family Medicine (NLA)

Clinical experience in Family Medicine with direct supervision of a physician board-certified in Family medicine and licensed preceptor (PA and/or other health care provider) for five (5) weeks. Provide practical patient care experience in common diseases and disorders in conjunction with other members of the healthcare team. Further development and refinement the learners' skills in taking a history and performing a physical exam, ordering and interpreting laboratory/diagnostic tests, synthesizing information in establishing a diagnosis, formulating and implementing a cost-effective treatment plan and promoting patient education. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (F,S,U,Y,B)
4 Credits

PASG 70100 Supervised Clinical Practice Experience - Internal Medicine (NLA)

Clinical experience in Inpatient Internal Medicine with direct supervision of a qualified licensed preceptor for five (5) weeks in a wide variety of Internal Medicine care activities. Provide practical clinical experience in working with the hospitalized patients with acute or chronic diseases that are routinely seen by internists. Emphasis is on medical history review, physical examination, diagnostic testing, and management on a multidisciplinary team. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,F,S,U,Y)
4 Credits

PASG 70200 Supervised Clinical Practice Experience - General Surgery (NLA)

Clinical experience in General Surgery with direct supervision of a qualified licensed preceptor for five (5) weeks in a surgical setting. Provide practical clinical experience in working with surgical patients. Emphasis in pre-operative, intra-operative and post-operative management. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,F,S,U,Y)
4 Credits

PASG 70300 Supervised Clinical Practice Experience - Pediatric & Adolescent Medicine (NLA)

Clinical experience in Pediatric (infant and child) and Adolescent Medicine with direct supervision of a qualified licensed preceptor for five (5) weeks. Experience with patients in the Pediatric and Adolescent setting who require acute, emergent, chronic, and preventive care. Emphasis is on medical history review, physical examination, diagnostic testing, and management on a multidisciplinary team. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,F,S,U,Y)
4 Credits

PASG 70400 Supervised Clinical Practice Experience - Women's Health (NLA)

Clinical experience in Women's Health (includes prenatal and gynecological care) with direct supervision of a qualified licensed preceptor for five (5) weeks in a wide variety of Women's Health care activities. Provide practical clinical experience in working with the Women's Health patients seen by OB/GYN physicians. Emphasis is on sexual history, prenatal history, surgery history, physical examination, diagnostic testing, and management on a multidisciplinary team.

Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,Y,F,S,U)

4 Credits

PASG 70500 Supervised Clinical Practice Experience - Behavioral and Mental Health Care (NLA)

Clinical experience in Behavioral and Mental Health with direct supervision of a qualified licensed preceptor for five (5) weeks in a wide variety of behavioral and mental health care activities. Focuses on physician assistants' role in assessment and treatment of mental health disorders and psychosocial issues. Includes diagnostic, communication, and clinical skills involved in providing care for patients with psychiatric disorders. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,F,S,U,Y)

4 Credits

PASG 70600 Supervised Clinical Practice Experience - Emergency Medicine (NLA)

Clinical experience in Emergency Medicine with direct supervision of a qualified licensed preceptor for five (5) weeks. Receives clinical experience in triage, stabilization, in-depth exposure to traumatic illnesses, injuries and surgical issues that necessitate emergent care for patients across the life span. Provide practical clinical experience working with the patients across the lifespan who presents with emergent, urgent and life-threatening illnesses and injuries. Emphasis is on increasing experience and exposure to patient assessment, ordering and interpreting laboratory/diagnostic tests; synthesize information to establish diagnosis, and learning proper disposition of patients and performing lifesaving techniques. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,Y,F,S,U)

4 Credits

PASG 70700 Supervised Clinical Practice Experience - General Elective Rotation I (NLA)

Clinical experience in any core/required clinical rotation or specialty, selected by the learner from a program list, with the direct supervision of a qualified licensed preceptor for five (5) weeks. First of two required general elective rotation in clinical experience year. Provide practical clinical experience working in the inpatient and outpatient settings and seeing patients across the lifespan with acute or chronic diseases. Emphasis is on increasing experience and exposure to patient assessment, diagnosis, and management pertinent to the specialty on a multidisciplinary team. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,Y,F,S,U)

4 Credits

PASG 70800 Supervised Clinical Practice Experience - General Elective Rotation II (NLA)

Clinical experience in any core/required clinical rotation or specialty, selected by the learner from a program list, with the direct supervision of a qualified licensed preceptor for five (5) weeks. Second general rotation in clinical experience year. Provide practical clinical experience working in the inpatient and outpatient settings and seeing patients across the lifespan with acute or chronic diseases. Emphasis is on increasing experience and exposure to patient assessment, diagnosis, and management pertinent to the specialty on a multidisciplinary team.

Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,F,S,U,Y)

4 Credits

PASG 70900 Supervised Clinical Practice Experience - Transition to Clinical Practice (NLA)

Practice clinical procedures and skills learned during the nine clinical rotations. Conduct Objective Structured Clinical Evaluations (OSCEs) for problem-focused history and physical on the diseases, conditions and illnesses encountered in the seven required rotations and the two elective rotations. Expand training in procedures performed during Supervised Clinical Practice Experience (SCPE) and Clinical Skills and Procedures. Complete a weeklong review in preparation for the Physician Assistant National Certifying Examination (PANCE). Provide advance education in special populations and special topics not encountered commonly in clinical rotations but required for the delivery of inclusive care. Improve areas of weakness or knowledge gaps in preparation for the PANCE exam and clinical practice as a PA. Prerequisites: PASG 70000, PASG 70100, PASG 70200, PASG 70300, PASG 70400, PASG 70500, PASG 70600, PASG 70700, PASG 70800. (B,F,S,U,Y)

3 Credits

Physics (PHYS)

PHYS 52100 Quantum Mechanics (LA)

Advanced study of the nature of quantum theory and how it differs from classical ideas. Topics include the uncertainty principle, the Schrödinger equation and solutions to various potentials, perturbation theory, and the one-electron atom. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

PHYS 54000 Inquiry and the Nature of Science for the Science Teacher

Considers issues pertaining to the nature and practice of science, especially as they relate to science education. Explores aspects that distinguish scientific inquiry from other forms of inquiry. Examines safety issues of teaching science in a classroom, and teaching science in the context of the community. Cross-listed with BIO 54000, CHEM 54000, and ENVS 54000. Students can receive credit for only one of: BIOL 54000, CHEM 54000, ENVS 54000, and PHYS 54000. Prerequisites: Graduate student in good standing. (IRR)

3 Credits

PHYS 54100 Science Topics Every Science Teacher Should Know (LA)

Review of the major science topics all science teachers should know as recommended by the National Science Teachers Association. Cross-listed with BIOL 54100, CHEM 54100, and ENVS 54100. Students can receive credit for only one of: BIOL 54100, CHEM 54100, ENVS 54100, PHYS 54100. Prerequisite: Graduate student in good standing. (F, Y)

3 Credits

PHYS 55100 Advanced Experimental Laboratory (LA)

Graduate students are expected to gain a thorough understanding of several experiments carried out during the term rather than to complete a large number of small projects. Emphasis is placed on independent work. Available experiments include nuclear techniques, gamma ray spectroscopy, and the Mossbauer effect. Prerequisite: Graduate student in good standing or permission of instructor. (S,E)

3 Credits

PHYS 57000 ST: Advanced Physics (LA)

Advanced study of topics chosen based on faculty and student interests; topics may include advanced astronomy, environmental science, geophysics, and physics topics such as atomic, condensed matter, nuclear, and optical physics. This course may be repeated for credit for selected topics on different subjects. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

PHYS 69600 Independent Study in Physics

One-semester course in which a student may pursue a topic of interest in physics, supervised by a member of the department. Offered on demand only. May be repeated for credit, up to a maximum of Prerequisite:

Permission of instructor. (IRR)

3-6 Credits

PHYS 69800 Education Research for the Science Teacher (LA)

Original research participation with a science education faculty member. Designed to strengthen student understanding of science education research methodology and the science education research literature.

Cross-listed with BIOL 69800, CHEM 69800, and ENVS 69800. Students can receive credit for only one of: BIOL 69800, CHEM 69800, ENVS 69800, PHYS 69800. Offered on demand only. Prerequisite: Graduate student in good standing. (SU, IRR)

3 Credits

PHYS 69900 Independent Research in Physics

Original research participation with a faculty member in a specialized field. Designed to strengthen the student's understanding of the nature of science, science research methodology, and the scientific literature.

Course may be repeated for credit, up to a maximum of Offered on demand only. Prerequisite: Permission of instructor. (IRR)

3-6 Credits

Spanish (SPAN)

SPAN 55000 The Art of Translation: Spanish to English, English to Spanish (LA)

Extensive study of the Spanish language through translation. Students will be exposed to theories of translation and will develop skills in English/Spanish and Spanish/English translation using a variety of texts (letters, literary selections, journalism, advertisements, and "how to" material). Close readings of the material translated help students focus on the nuances of each language and appreciate cultural differences.

Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

SPAN 55400 Cervantes (LA)

In-depth study of Don Quixote and a selected group of novelas ejemplares (short stories) and plays, with particular reference to Cervantes's unique contributions to the modern novel and world literature. Offered in a four-year cycle with SPAN 55500, SPAN 55600, and SPAN 55700. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

Attributes: HU

3 Credits

SPAN 55500 Golden Age Drama (LA)

Extensive study of Spanish Golden Age drama, including its precepts and literary manifestations. Emphasis will be given to the relationship between the state and the stage. There will be close analysis of Lope de Vega's seminal works as well as those written by Calderón, Tirso de Molina, and Alarcón. Offered in a four-year cycle with SPAN 55400, SPAN 55600, and SPAN 55700. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

Attributes: HU

3 Credits

SPAN 55600 Golden Age Poetry (LA)

Thorough study of the poetry of Spain's Golden Age. Examination of the Italianate poetry of Garcilaso de la Vega and his role in the development of Spanish lyrical poetry as manifested in the writings of Fray Luis de León, Lope de Vega, Francisco de Quevedo, and San Juan de la Cruz. Offered in a four-year cycle with SPAN 55400, SPAN 55500, and SPAN 55700. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

Attributes: HU

3 Credits

SPAN 55700 Golden Age Prose (LA)

In-depth study of Spain's Golden Age prose through close analysis of novelistic genres that include the picaresque and pastoral novels as well as short stories. Offered in a four-year cycle with SPAN 55400, SPAN 55500, and SPAN 55600. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

Attributes: HU

3 Credits

SPAN 56100 Medieval Spanish Literature (LA)

In-depth study and analysis of representative texts from medieval Spain, such as Poema de Mio Cid, Libro de Buen Amor, and La Celestina. Students will also consider the coexistence of Christians, Jews, and Muslims, and their contributions to the development of Western civilization. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

Attributes: HU

3 Credits

SPAN 56300 Nineteenth-Century Spanish Literature (LA)

Thorough focus on the significant novels, short stories, poetry, and essays of the literary schools and movements of 19th-century Spain. Readings will include realist and naturalist authors such as Mariano José de Larra, Juan Valera, Vicente Blasco Ibáñez, Rosalía de Castro, Benito Pérez Galdós, and Emilia Pardo Bazán. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

SPAN 56400 Contemporary Spanish Literature (LA)

Extensive textual analysis of Spanish literature from the turn of the 20th century to the present day. Topics may include the generation of '98; the generation of '27, Tremendismo, and post-Franco prose and poetry. Emphasis will be placed on the relationship between literature and society. Genres studied may include fiction, nonfiction, poetry, drama, and essays. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)

3 Credits

SPAN 57100 Latin American Fiction (LA)

Extensive study of the works of major Latin American fiction writers. Readings include works by Borges, Fuentes, Cortázar, García Márquez, and Allende. Offered in a four-year cycle with SPAN 57200, SPAN 57300, and SPAN 57400. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)
3 Credits

SPAN 57200 Latin American Poetry and Drama (LA)

Thorough analysis of works written by major Latin American contemporary poets and playwrights. Offered in a four-year cycle with SPAN 57100, SPAN 57300, and SPAN 57400. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)
3 Credits

SPAN 57300 Modernismo (LA)

In-depth analysis of modernismo (1888-1910), Latin America's first authentic literary movement. Close readings of poetry, fiction, and essays by the likes of José Martí, Julian del Casal, Rubén Darío, José Asunción Silva, Leopoldo Lugones, and José Enrique Rodó. Offered in a four-year cycle with SPAN 57100, SPAN 57200, and SPAN 57400. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)
3 Credits

SPAN 57400 Topics in Latin American Literature (LA)

In-depth study of literary themes such as the conquest and the colonial experience, Latin America's search for identity, the dictator in Latin American literature, fiction and revolution, nation building, and cultural spaces. Offered in a four-year cycle with SPAN 57100, SPAN 57200, and SPAN 57300. Prerequisite: Graduate student in good standing or permission of instructor. (IRR)
3 Credits

SPAN 59100 Seminar (LA)

Study of selected topics in Spanish and/or Latin American literature and/or culture. Prerequisites: A minimum of two Spanish literature courses numbered SPAN 33700 or above. May be repeated for a total of when topics vary. (F-S,Y)
3 Credits

SPAN 59900 Independent Study: Spanish (LA)

Individual research, study, and/or writing on particular topics, supervised by a member of the department. Offered on demand only. Prerequisites: permission of instructor. (IRR)
1-3 Credits

Speech Lang, Path - Grad (SLPG)

SLPG 54700 Fluency Development and Disorders (NLA)

A comprehensive study of the nature and development of fluency and fluency disorders. Topics include but are not limited to (1) models of fluency description and measurement, (2) development of normal speech fluency, (3) onset and development of fluency disorders, and (4) overview of methods of treatment. Particular emphasis is given to development and treatment of childhood and adult stuttering. (Y)
Attributes: TE
3 Credits

SLPG 55300 Voice and Related Disorders (NLA)

A study of normal and disordered phonatory processes with attention to the evaluation and remediation of specific voice problems, including laryngectomy. (F,Y)
3 Credits

SLPG 55500 Adult Dysarthria (NLA)

This course prepares students for the diagnosis and treatment of dysarthria. Content will cover the neuroanatomy and physiology of speech production, the etiology of dysarthria, differential diagnosis with relation to dysarthria characteristics, and treatment of dysarthria using a biopsychosocial model. (F,Y)
2 Credits

SLPG 55600 Acquired Cognitive Communication Disorders (NLA)

This course prepares students for the diagnosis and treatment of acquired cognitive communication disorders, including right hemisphere disorder, traumatic brain injury, normal aging, mild cognitive impairment, and dementia. Content will cover the neuroanatomy and theoretical models of cognition and memory, the etiology of acquired cognitive communication disorders, disorder characteristics, and diagnosis and treatment using a biopsychosocial model. (F,Y)
2 Credits

SLPG 55900 Speech Sound Disorders in Children (NLA)

The study of disordered speech sound production in children. Topics include: typical speech sound acquisition, articulation, phonology, the relationships between speech sound disorders and literacy, cultural-linguistic variations in speech production, and characteristics of speech sound disorders across different clinical populations. Evidence-based approaches to assessment and treatment are emphasized. (S,Y)
Attributes: TE
3 Credits

SLPG 61000 Early Intervention for Children with Communication Disorders

Information is provided about development of normal and disordered communication in children from birth to three years of age. Course material includes information about important legislation, service delivery models, risk factors, assessment, intervention, needs of families, and specific populations of special-needs children. Information for providing early intervention services is provided from related disciplines such as occupational therapy and physical therapy.
Attributes: TE
2 Credits

SLPG 62000 Speech-Language Pathology in Educational Settings

This course prepares graduate students for the roles and responsibilities of the SLP in educational settings. Topics covered include, but are not limited to: legislative foundations including IDEA (Individuals with Disabilities Education Act), ADA (Americans with Disabilities Act), and Safe Schools Legislation; professional certification and ethics; IEP development; implementation of culturally sensitive therapeutic programs in a diverse classroom setting; RYI (Response to Intervention); and information on specific disability areas such as learning disabilities. (Sum,Y)
Attributes: TE
2 Credits

SLPG 62100 Autism Spectrum Disorders (NLA)

The study of Autism Spectrum Disorders (ASD) including definitions and characteristics, etiology and prevalence, evidence-based teaching methods, and the speech-language pathologist's roles and responsibilities in diagnosing, treating, and teaching students with ASD in public schools. (S,U,Y)
1 Credit

SLPG 62500 Medical Topics in Speech-Language Pathology (NLA)

An interdisciplinary focus on the characteristics, assessment, and management of special populations frequently encountered in medical settings; evaluation of evidence-based techniques, materials, and programs; and the development of relationships with professionals in fields related to speech-language pathology. (U,Y)

2 Credits

SLPG 63100 Pediatric Motor Speech Disorders

Differential diagnosis and treatment of pediatric motor speech disorders including discussion of etiology, characteristics, and evidence-based interventions. (S,Y)

1 Credit

SLPG 63300 Cultural Competence in Speech-Language Pathology Clinical Practice (NLA)

This course surveys cultural competence across the full range of dimensions of diversity and clinical practice in speech-language pathology, including considerations of linguistic and cultural variation in communication and its impact on service delivery. (U,Y)

1 Credit

SLPG 64000 Audiology and Assistive Technology/Listening Devices (NLA)

Students will develop an understanding of the psychosocial, educational, vocational, and linguistic effect of hearing loss. Lecture topics include the normal and disordered auditory system; interpretation of test results; listening devices and assistive technology for treatment of auditory disorders; and troubleshooting equipment. Emphasis is placed on the role and scope of practice of the speech-language pathologist in screening for and treating hearing disorders through technology. (U,Y)

2 Credits

SLPG 64100 Facilitating Spoken-Language Learning in Deaf and Hard-of-Hearing Children (NLA)

The course provides future speech-language pathologists with the knowledge and skills to facilitate spoken-language learning in deaf and hard-of-hearing children using the auditory-verbal approach. Course content elaborates on the auditory-verbal philosophy, guidelines for maximizing hearing and facilitating listening in the deaf and hard-of-hearing children, facilitating emerging literacy using auditory-verbal techniques, and working with families of deaf and hard-of-hearing children. The course assumes prior understanding of audiograms as well as amplification devices. Pre-requisites: SLPG 64000 (summer only)

1 Credit

SLPG 64900 Augmentative and Alternative Communication

Introduction to augmentative communication with discussion of its impact on individuals who are severely speech and language impaired. Students are familiarized with augmentative communication techniques and strategies. Assessment and intervention options are covered. Students have an opportunity for hands-on experience with a variety of augmentative communication devices and other adaptive equipment.

Attributes: TE

3 Credits

SLPG 65100 Adult Aphasia and Related Disorders (NLA)

Prepares students to identify, differentiate, and contrast the phenomenology, symptomatology, and diagnostic and therapeutic processes of adult aphasia, apraxia of speech, and related disorders. (S)

3 Credits

SLPG 65200 Language Disorders in Children Ages 3 to 21

Information is provided about development of normal and disordered communication in children from 3 to 21 years of age. Includes material regarding important theories, legislation, service delivery models, assessment, remediation, literacy, and specific populations of special-needs children.

Attributes: TE

3 Credits

SLPG 65500-65507 Seminar in Speech Pathology: Selected Topics

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1-6 Credits

SLPG 65600 Dysphagia

Explores the nature, etiology, and physiology of normal and abnormal patterns of swallowing across the age span. Instrumental techniques for the study of swallowing and procedures for clinical swallowing evaluations are presented. Dysphagia treatment and clinical decision making is emphasized.

3 Credits

SLPG 65700 Research Methods and Analysis

Objectives are to help the student understand basic statistical concepts utilized in research design and in speech-language pathology and audiology. Focus will be on the scientific method as a problem-solving process, developing experimental procedures for answering research questions, learning to establish and test hypotheses, and summarizing and interpreting data.

3 Credits

SLPG 66100 Clinical Practicum I

This is the initial graduate clinical practicum experience. Emphasis is placed on students displaying appropriate professional skills while developing and implementing an intervention plan, creating a dynamic therapeutic environment, collaborating with relevant others, and completing thorough documentation. Practica may take place on or off campus. Supervision is provided in accordance with ASHA requirements. Co-requisite: SLPG 66101. (F,Y)

Attributes: TE

1 Credit

SLPG 66101 Seminar in Professional Practice I

This course provides an overview of professional practice in speech-language pathology for individuals beginning the graduate program. Topics include but are not limited to: scope of practice, evidence-based practice, standards of ethical conduct, trends in professional practice, accreditation, certification, and licensure. Graduate program standards, requirements, and expectations are also discussed. Co-requisite: SLPG 66100. (F,Y)

1 Credit

SLPG 66200 Clinical Practicum II

This graduate practicum experience involves multiple clinical experiences in speech-language pathology and/or audiology. Graduate clinicians provide diagnostic evaluations and therapeutic intervention for individuals with speech-language disorders. Emphasis is placed in students displaying appropriate professional skills while developing and implementing an intervention plan, creating a dynamic therapeutic environment, collaborating with relevant others, and completing thorough documentation. Site and client assignments are determined by clock-hour needs, scope of practice, and regulatory requirements. Practica may take place on or off campus. Supervision is provided in accordance with ASHA requirements. Mandatory seminars on selected topics are held throughout the semester. Satisfactory/Unsatisfactory only. Prerequisites: SLPG 66100. (S,Y)

Attributes: TE

2 Credits

SLPG 66300 Clinical Practicum III

This graduate practicum experience involves multiple clinical experiences in speech-language pathology and/or audiology. Graduate clinicians provide diagnostic evaluations and therapeutic intervention for individuals with speech-language disorders. Emphasis is placed on students displaying appropriate professional skills while developing and implementing an intervention plan, creating a dynamic therapeutic environment, collaborating with relevant others, and completing thorough documentation. Site and client assignments are determined by clock-hour needs, scope of practice, and regulatory requirements. Practica may take place on or off campus. Supervision is provided in accordance with ASHA requirements. Mandatory seminars on selected topics are held throughout the semester. Satisfactory/Unsatisfactory only. Prerequisite: SLPG 66200. (Sum,Y)

Attributes: TE

1 Credit

SLPG 66400 Clinical Practicum IV

This graduate practicum experience involves multiple clinical experiences in speech-language pathology and/or audiology. Graduate clinicians provide diagnostic evaluations and therapeutic intervention for individuals with speech-language disorders. Emphasis is placed on students displaying appropriate professional skills while developing and implementing an intervention plan, creating a dynamic therapeutic environment, collaborating with relevant others, and completing thorough documentation. Site and client assignments are determined by clock-hour needs, scope of practice, and regulatory requirements. Practica may take place on or off campus. Supervision is provided in accordance with ASHA requirements. Mandatory seminars on selected topics are held throughout the semester. Satisfactory/Unsatisfactory only. Prerequisite: SLPG 66300. Co-requisite: SLPG 66401. (F,Y)

Attributes: TE

2 Credits

SLPG 66401 Seminar in Professional Practice II

This course provides an overview of professional practice in speech-language pathology for individuals in their final semester prior to externship/student teaching. Topics include but are not limited to: ASHA practice policies and guidelines, reimbursement procedures, counseling in SLP, evidence-based practice, trends in professional practice, and advanced topics in certification and licensure. Externship/student teaching standards, requirements, and expectations are also discussed. Co-requisite SLPG 66400. (F,Y)

1 Credit

SLPG 66500-66501 Professional Externship in Speech-Language Pathology

This is a full-time professional externship experience in speech-language pathology. Externship settings and locations are determined in accordance with regulatory requirements, scope of practice needs, and professional interests. Specific requirements, duties, and responsibilities vary with the placement site. Prerequisite: SLPG 66400 and faculty approval.

Attributes: TE

4 Credits

SLPG 66600 Supplementary Clinical Affiliation

An elective clinical affiliation designed for students who have not acquired the total number of supervised clinical clock-hours required by the American Speech-Language-Hearing Association (ASHA). (IRR)

1 Credit

SLPG 67000-67100 Individual Studies

Directed individual investigation in special areas not fully covered by regular coursework. Initial application should include outline and bibliography. A copy of the paper is to be filed with the department. Requires approval of the full-time professor in charge and the department chair.

1-3 Credits

SLPG 67200-67300 Independent Reading

A course of reading arranged between the department chair and student.

1-3 Credits

SLPG 67400-67500 Independent Research

Student research under the direction of one or more faculty supervisors. By permission of the department chair. per semester.

Attributes: TE

1-3 Credits

SLPG 68000 Thesis or Research Paper

The thesis or research paper, optional for the master of science degree, is supervised by a major adviser and a thesis committee. Members of the thesis committee may be professors from other institutions. Following acceptance of the thesis by the committee, an external examiner is appointed by the graduate committee. May be repeated up to a total of .

2-8 Credits

SLPG 68100 Comprehensive Examinations (NLA)

Summative evaluation of student learning across the curriculum in speech-language pathology. Due to the comprehensive nature of the examinations, content may include material covered outside of the courses required for the degree. This course may not be repeated. Pass/Fail only. (F,Y)

0 Credit

SLPG 69800 Professional Experience in Education I

This is a full-time professional externship/student teaching experience in speech-language pathology in an educational setting. Student teaching settings and locations are determined in accordance with regulatory requirements, scope of practice needs, and professional interests. Specific requirements, duties, and responsibilities vary with the placement site. For SLPTC majors only. Prerequisite: SLPG 66400 and faculty approval. (F-S,Y)

Attributes: TE

4 Credits

SLPG 69801 Professional Experience in Education II

This is a full-time professional externship/student teaching experience in speech-language pathology in an educational setting. Student teaching settings and locations are determined in accordance with regulatory requirements, scope of practice needs, and professional interests. Specific requirements, duties, and responsibilities vary with the placement site. For SLPTC majors only. Prerequisite: SLPG 66400 and faculty approval. (F-S, Y)

Attributes: TE

4 Credits

Programs A - Z

- Business-Administration (p. 815)
 - Entertainment and Media Management (M.B.A.) (p. 821)
 - Accounting (M.S.) (p. 822)
- Communications (p. 822)
 - Communications Innovation M.S. (p. 825)
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Business Administration

Graduate Study in Business

The School of Business offers two graduate degrees: The master of business administration (M.B.A.) in entertainment and media management, and master of science (M.S.) in accounting. The master of business administration (M.B.A.) in entertainment and media management requires 36 credits of graduate study. The master of science (M.S.) in accounting requires 30 credits of graduate study.

To be eligible for admission to the graduate programs in business, the candidate must have earned a baccalaureate degree from an accredited institution. Overall grade point average at the undergraduate level, GMAT (or GRE) score, academic and/or professional experiences, and recommendations are among the criteria considered. Previous work experience is not required; however, previous work experience in the entertainment or media industries is a plus for the MBA admission.

Required Application Materials

A "complete" application consists of the following items (applications are not reviewed until they are complete):

- Online application form and essay
- Two letters of recommendation
- Official transcripts from all postsecondary schools attended
- GMAT (or GRE) scores, if required¹

Admission Criteria for MBA in Entertainment and Media Management:

To be considered for admission one of the following conditions should be met;

- Overall undergraduate degree with overall GPA of 3.3/4.0 and higher
- GMAT (or GRE equivalent) of 500 or higher with a GPA of 3.0/4.0 or higher
- Graduate degree from accredited institution
- Three years of substantive industry experience.

Admission criteria for MS in Accounting:

A. Automatic full admission will be granted if either of the following conditions is met;

- Undergraduate GPA of 3.2 in accounting courses, and overall undergraduate GPA of 3.0/4.0 (a GPA of 3.0/4.0 for the last 60 hours would be considered equivalent)
- The composite index score of 1,100 or higher calculated based on the following formula;
Composite index score = 200 (GPA) + GMAT (or equivalent GMAT score in the case of GRE)

B. If either of the above conditions is not met, full admission may be granted on case by case basis. Special consideration will be given to applicants that:

- Have an offer from a "Big Four" or other national accounting firms
- Have very strong recommendations from Ithaca College faculty from their upper level undergraduate accounting courses.

¹ Applicants who anticipate graduating with 1) a bachelor's degree in business or accounting from an AACSB accredited business school or a Pre-MBA minor from Ithaca College and 2) who possess an overall cumulative GPA of 3.3 or higher at the start of their final semester, are not required to submit a GMAT score. All other applicants must submit official GMAT scores by the application deadline. Information about the GMAT can be obtained at www.mba.com (<http://www.mba.com>).

Preparatory Undergraduate Business Coursework

Applicants to the Ithaca College School of Business graduate programs may be required to complete additional undergraduate business and/or accounting coursework depending on their undergraduate degree and prior coursework.

Preparatory undergraduate Business Coursework for MBA applicants:

- Applicants with bachelor's degree in business or accounting do not need any additional preparatory course work.
- Applicants with bachelor's degree in a non-business field who have not completed business functional area coursework, must complete it by passing the corresponding Ivy Software-Graduate products. Please refer to Ithaca College's School of Business website for more detail information.
- Microsoft Office Excel Basic Certification or certification through Ivy Software is required before enrollment.

Preparatory Undergraduate Coursework for MS in Accounting:

- Applicants with bachelor's degree in accounting do not need any additional accounting preparatory coursework.
- Applicants with bachelor's degree in non-accounting field must complete at least 60 credits in liberal arts coursework plus Finance and Management, Intermediate Accounting (I and II), Cost Accounting, Auditing, and Commercial Law. Please refer to Ithaca College's School of Business website for more information.

Extramural Study

Non-matriculated students may take up to 6 credits in the M.B.A. or M.S. Accounting program on an extramural basis.

M.B.A. and M.S. Financial Aid Merit Scholarships

All complete applications for admission to the M.S. in Accounting program are automatically given full consideration for merit scholarships. Merit scholarships are awarded after a thorough review of the information provided in the candidate's admissions application; no separate scholarship application is required. In most cases, scholarship recipients will be notified of their awards by April 30.

Endowed Scholarships

Applicants who wish to be considered for endowed scholarships must complete a separate scholarship application. For scholarship criteria and to download the applications for endowed scholarships, go to <http://www.ithaca.edu/gps/gradprograms/programsites/mba/scholarships/>. The graduate programs in business offer very limited graduate assistantships.

Majors

- Entertainment and Media Management (M.B.A.) (p. 821)
- Accounting (M.S.) (p. 822)

BGRD 50200 Taxation for Managers (NLA)

Study of income tax provisions relating to individuals, corporations, partnerships, exempt entities, gifts, and estates, including sophisticated tax provisions such as corporate liquidations, international transactions, and tax planning for managers. Students will solve complex tax problems through the use of a tax service and obtain practical experience in locating applicable code sections, regulations, IRS rulings, and court decisions. Prerequisite: ACCT 49300.

3 Credits

BGRD 50300 Governmental and Nonprofit Accounting (NLA)

This course examines the accounting principles and practices of governmental and nonprofit organizations. Topics include: regulatory bodies and standards, the conceptual framework for financial reporting, fund accounting, preparation of financial statements, audit issues related to governmental and nonprofit organizations, and tax compliance issues for nonprofits. (Y)

3 Credits

BGRD 50400 Advanced Financial Reporting (NLA)

Detailed study of special topics in financial reporting, including business combinations, partnerships, branches, foreign currency transactions, and government and not-for-profit accounting. Other topics will vary to reflect recent professional pronouncements and emerging financial reporting issues. Prerequisites: ACCT 34600; graduate standing; (open to seniors by permission of the MBA Program Director). Required for M.S. in Accounting. (Y)

3 Credits

BGRD 50500 Accounting Practicum

Supervised work experience in audit, tax, and accounting in a C.P.A. firm, at various tax preparation sites, or in an organization where responsibilities include nonroutine projects requiring analysis and decision making. Professional skills are emphasized. Open to seniors by permission of the MBA Program Director.

3 Credits

BGRD 50900 Pre-MBA Module: Marketing

An introduction to how products pass through the latter parts of the value chain. The course covers basic concepts related to the creation and delivery of products, both tangible and intangible. Topics include environmental analysis; customer behavior; market segmentation; targeting; positioning; and the marketing mix (product, price, distribution, and integrated marketing communications). Prerequisite: Undergraduate degree.

2 Credits

BGRD 51000 Pre-MBA Module: Operations Mgmt

An introduction to how products pass through the first part of the value chain, from sourcing to goods production or service execution. The course covers basic concepts related to the creation and delivery of products, both tangible and intangible. Topics include strategy; supply chain management; goods production and service delivery; quality control; inventory, forecasting, and planning; and information technology applications. Prerequisite: Undergraduate degree.

2 Credits

BGRD 51100 Pre-MBA Management Module

Introduction to the characteristics and processes of individuals, groups, and organizations that affect behavior within an organization. Attention is also given to the roles, functions, and principles of management and leadership relevant to the needs of managers. Prerequisite: graduate standing. (Y)

2 Credits

BGRD 51200 Pre-MBA Accounting Module

An introduction to the measurement and reporting concepts underlying the accounting system for communicating information to an organization's internal and external decision makers. The course examines the use of accounting information in both investment and management decision making. Topics include preparation of financial statements; the role of ethics in accounting decision; valuation and reporting issues; cost volume profit analysis; planning, product costing, and special reports for managerial use.

4 Credits

BGRD 51400 Pre-MBA Finance Module

An introduction to the financial theories, principles, and analytical approaches used by managers in corporate financial decision making. Topics include the use of financial statements for analysis of liquidity, asset, debt, and profitability management; financial forecasting; concepts of risk, return, and valuation of stocks and bonds of publicly traded companies; appropriate mix of debt and equity in a firm's capital structure; capital budgeting criteria and evaluation of investment projects; dividend policies; international corporate finance; and mergers and acquisitions issues.

4 Credits

BGRD 51500 Marketing Research

Introduction to the design and application of research methodology and the most common and practical problems associated with marketing research. Emphasis is on survey methods focusing on questionnaire construction, data collection, and analysis. Graduate students are required to complete an extra course requirement. Prerequisite: Graduate standing.

3 Credits

BGRD 51600 Pre-MBA Law Module

An introduction to the American legal system and the legal environment as it pertains to managers. Topics include the judicial process, constitutional law, issues of discrimination and diversity, criminal law, intentional torts, negligence, product liability, contract law, and selected current topics in law. Prerequisite: graduate standing.

2 Credits

BGRD 54400 Employment Law

A survey of employment law, including employment discrimination, equal pay, workers' compensation, occupational safety and health, and relevant judicial decisions. Graduate students are required to complete an extra course requirement. Prerequisite: Graduate standing.

3 Credits

BGRD 57900 The Business of Entertainment (NLA)

This survey course introduces students to the fundamental aspects and operations of the entertainment and media industries. Students will read and discuss a diverse set of materials that address the production process, project financing, production company management, intellectual property, industry ethics, and more. With each topic, there will be two guest speakers to provide students context and practical information about how management theory is applied in practice. (B)

1.5 Credits

BGRD 58000 Export/Import Operations (NLA)

Overview of the major considerations involved in the export-import process. Exploration of documentation, transportation, marketing, and finance of export-import operations. Discussion of legal aspects and legislative constraints confronting exporters and importers, along with governmental support programs, where available. Concentrations on the relevant issues in exporting from and importing into the United States; parallel examples from other countries are given where information is available. Graduate students must complete additional course requirement(s). (IRR)

3 Credits

BGRD 59000 Seminar in International Business

A capstone course in international business that analyzes a number of cases using knowledge and skills from previous courses in international business or those with global/comparative content. The main objective is to develop a clear understanding of problems and practices of decision making in international business operations. Graduate students are required to complete an extra course requirement. Prerequisite: Graduate standing.

3 Credits

BGRD 59700-59705 Selected Topics in Business

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Graduate students are required to complete an extra course requirement. Offered on demand only. Prerequisite: Graduate standing.

1-3 Credits

BGRD 59714 ST: Managerial Negotiations

Topics of current interest to faculty and students. Experimental courses are offered under this number and title. May be repeated for credit for different selected topics. Graduate students are required to complete an extra course requirement. Offered on demand only. Prerequisite: Graduate standing.

1-3 Credits

BGRD 59900 Independent Study in Graduate Business

Intensive study under the supervision of a faculty adviser. Designed to allow graduate students to study wholly new subject matter or to greatly expand the subject matter of a regularly scheduled course. Requires a written proposal and approval of the M.B.A. program director. Independent studies are not allowed during summer session I except under special circumstances as determined by the M.B.A. program director or dean. Prerequisite: Graduate standing.

1-3 Credits

BGRD 60200 Advanced Auditing & Research (NLA)

Case and research-oriented study of topics in auditing. Through a series of cases and related research, students will engage in the practice of auditing using real-world situations as the foundation for technical and theoretical discussions of issues facing the modern auditor. Cases will be chosen to reflect current and emerging topics in the practice of public accounting, financial auditing, fraud investigation, and forensic accounting. Auditing communications tools will also be emphasized.

Prerequisite: ACCT 40600. (Y)

3 Credits

BGRD 60500 Accounting Practicum

Supervised work experience in audit, tax, and accounting in a C.P.A. firm, at various tax preparation sites, or in an organization where responsibilities include nonroutine projects requiring analysis and decision making. Professional skills are emphasized. Prerequisite: Graduate standing.

3 Credits

BGRD 60600 Accounting for Executive Decisions

This course focuses on the use of accounting information for executive planning and control decisions in a global, competitive environment, and emphasizes the application of management accounting concepts and analytical skills to solve technical and behavioral problems. Topics include budgeting, long-term planning, relevant costs for decision making, opportunity cost concepts, divisional control, performance evaluation, and social and ethical impacts of decisions. Prerequisites: Graduate standing.

3 Credits

BGRD 60700 Forensic Accounting (NLA)

This course examines the rapidly evolving and increasingly relevant discipline of forensic accounting and covers the principles and methodology of forensic accounting, fraud detection, and deterrence. Topics include: identifying fraudulent financial statements, skimming, cash larceny, check tampering, billing schemes, payroll and expense reimbursement irregularities, non-cash misappropriations, corruption, and interviewing witnesses. Upon completion of the course, students will have an improved understanding of the motives and techniques used to perpetrate fraudulent activity and the controls available to mitigate this behavior. (Y)

1.5 Credits

BGRD 60800 Contemporary Issues in Accounting (NLA)

The capstone course for the M.S. in Accounting program. Integrates previous accounting coursework while examining advanced topics of current relevance in the profession to enhance students' preparedness for certification and career success. Teamwork is an important component of the course. Prerequisites: Graduate standing, BGRD 50400. (S)

3 Credits

BGRD 60900 Entrepreneurship for the Entertainment Industry (NLA)

This course is designed to provide students with the basic framework for understanding how to develop, fund, and operate a company dedicated to bringing entertainment and media content to the marketplace. The course will cover business formation, financing, product development, product acquisition, distribution, and more. In addition, the production process is explored as well as issues related to negotiations, technology disruption, and professional team building. (FB)

1.5 Credits

BGRD 61000 Managing in a Global Economy

Examination from a global strategic perspective of the management of companies with operations in multiple countries. Lectures, discussions, and analyses of cases are used to study the external environmental influences (economic, political, cultural, etc.) on company strategies; internationalization processes of firms; sources of competitive advantage for companies and countries; advantages and disadvantages of "multi-domestic" versus global strategies; links between strategy and structure in international operations; mode of entry decisions; and management of business functions such as marketing, financing, and human resources from an international perspective. Prerequisite: graduate standing. (Y)

3 Credits

BGRD 61100 Practicum I, Production Management for Film & Television (NLA)

This course requires students to actively engage in experiential learning by operating a multifaceted audio and video production company, South Hill Productions, which is owned by Ithaca College. As part of the Fall semester practicum, students will work independently as well as closely with a regional television station and M.B.A. Program Director to operate a small film/television production company. This company will develop content for licensing and distribution for both the external partner and for other commercial broadcasters. (F)

1 Credit

BGRD 61200 Practicum II, Music Label Management (NLA)

This course requires students to actively engage in experiential learning by operating a multifaceted audio and video production company, South Hill Productions, which is owned by Ithaca College. As part of the Winter semester externship, students will work closely with a major record label and the M.B.A. Program Director to develop and release an A side and B side of a musical single for an artist signed to South Hill Productions. Students will develop a marketing and promotions campaign for the artist as well as overseeing the production and distribution of the artist's single. In addition, the students will oversee the production of a music video for the single and distribution of that video on social media. (IRR)

2 Credits

BGRD 61300 Practicum III, Music Publishing Management (NLA)

This course requires students to actively engage in experiential learning by operating a multifaceted audio and video production company, South Hill Productions, which is owned by Ithaca College. As part of the Spring semester externship, students will work closely with external partners and the M.B.A. Program Director to operate a small music publishing company. Students will develop and market an online royalty-free production music library as well as bespoke music cues for use by advertising agencies, production supervisors, and independent content producers. (S)

1 Credit

BGRD 61400 Practicum IV, Live Music Production and Management (NLA)

This course requires students to actively engage in experiential learning by operating a multifaceted audio and video production company, South Hill Productions, which is owned by Ithaca College. As part of the Summer semester externship, students will work closely with a music promoter and the M.B.A. program director to help organize, market, and operate a regional music festival. Students will help with the marketing, promotion, logistics, and operation of a summer music festival. (U)

2 Credits

BGRD 61500 Business Analytics

An application-based course that emphasizes linear programming, model development, and the proper use of analytical decision-making methods in the business environment. Topics include transportation and transshipment models, nonlinear and linear optimization, project scheduling, simulation, and forecasting. (Y)

3 Credits

BGRD 61600 Negotiations for Entertainment & Media Industries (NLA)

Negotiation is the science of securing agreements between two or more interdependent parties. Particularly important in industries with short-term relationships between individuals and organizations, negotiating skills are critical for entertainment and media professionals. The central issues of this course deal with understanding the behavior and relationships of individuals, groups, and organizations in the context of cooperative and competitive situations. The course is designed to build a negotiation skill-set that can be applied to a broad set of situations in organizations as well as your personal life. A basic premise of the course is that while you need analytic skills to discover optimal solutions to problems, a broad array of skills are needed for these solutions to be accepted and implemented. The course will allow participants the opportunity to develop these skills experientially and to understand useful analytic frameworks. Considerable emphasis will be placed on simulations, role plays, and cases. (F,Y)

3 Credits

BGRD 61700 Business Analytics (NLA)

An application-based course that emphasizes developing analytical and quantitative skills to help managers make decisions based on data. Entertainment and media industries, being digital, are awash in data, making proper analysis a critical managerial tool. Course includes statistical and optimization models and the proper use of analytical decision-making methods in the business environment. Topics include nonlinear and linear optimization, predictive models, project scheduling, simulation, and forecasting. (S,Y)

3 Credits

BGRD 61800 Organizational Structure, Processes, & Leadership (NLA)

It is often said that an organization's structure determines its function. However, structure also determines how an organization is led, what types of interpersonal relationships form (and the formality of those relationships), as well as the degree to which important work outcomes such as employee motivation, satisfaction, and well-being are expressed. Therefore, leadership represents a key element in any organization's structure. Prospective managers need to understand how organizational design, communication channels, decision-making processes, and various approaches to leadership, to name a few, impact individual and team performance. Accordingly, this course will introduce MBA students to concepts pertaining to organizational structure and its relevance to employees in the first half of the semester, and then hone in on leadership theories and concepts (i.e., behaviors that managers can learn and practice) in the second half of the semester. Further, in line with the new IC MBA program's mission, the primary context used in the course will be the entertainment industry. Given recent scandals that have plagued the workplace in general – and the entertainment industry in particular – training future leaders to understand the impact of organizational processes and to practice effective and ethical leadership has become imperative. Module I investigates the impact of individuals, groups, and organizational structure on people's behavior for the purpose of improving firm effectiveness. In particular, the module's focus will be on how the structure of a firm impacts or is impacted by various organizational phenomena such as firm culture, conflict resolution and stress, decision-making, attitude development, and leadership. The module will also attempt to get graduate students to reflect on their "place" within organizations and to come as close as possible to predicting the type of structural environment that promises to fulfill their potential as employees in the near future. Module II uses both a theoretical and a practical approach to, a) set the foundation for individual leadership development, and b), provide insight into the complexities and paradoxes of leadership in organizations. The module will facilitate the development of each student's emotional intelligence and leadership style, and will provide students the opportunity to challenge themselves and each other in determining effective leadership approaches to complex organizational issues. Specifically, the module will address self-awareness, self-regulation, motivation, social skills and empathy, as well as leading teams, creating a vision of the future, and setting an organizational direction. We will explore these topics through cases, readings, in-class discussions and simulations/exercises, with a particular focus on the arts and entertainment industry. (S,Y)

3 Credits

BGRD 62100 Global Dimensions of the Entertainment and Media Industries (NLA)

This course provides students with a framework for understanding the entertainment industry at a global level. More specifically, it examines the socio-cultural, political, legal, technological, and economic factors that affect this industry in various countries, along with the competitive dynamics that shape firms' strategies, both domestic and international. (F,Y)

3 Credits

BGRD 62200 Finance & Economics in the Entertainment Industry (NLA)

This course covers economic issues and financial decision-making tools with an emphasis on the entertainment industry. It begins with a broad introduction to the macro-and micro economics topics such as national income accounts, interest rates, international trade, industry structures, business cycles, federal reserve system, fiscal and monetary policies, social and private goods, principle of supply and demand, price determination, utility maximization, elasticity, and distribution of income. The second half of the course focuses on financial decision-making tools, time value of money, asset valuation, sources of long and short-term financing, capital budgeting evaluation techniques, forecasting cash flows, and mergers. (S,Y)

3 Credits

BGRD 62500 Accounting for the Entertainment Industry (NLA)

This course is designed for students who have minimal previous training or experience in accounting. It focuses on the preparation and use of accounting information for planning and control decisions in a global, competitive environment, and emphasizes the application of accounting concepts and analytical skills to address technical accounting issues related to the entertainment industry. Where appropriate, financial statement analysis or ratio analysis will be incorporated to facilitate a deeper understanding of the material. Students will demonstrate their knowledge of the material in three ways: exams, case studies, and participation/article discussions. (F)

3 Credits

BGRD 62600 Legal Environment of the Entertainment & Media Industries (NLA)

This course provides students a detailed explanation of the multitude of legal considerations surrounding the entertainment and media industries. Students will read, assess, and discuss a diverse set of case studies that address copyright law, trademark law, industry contracts, publicity rights, compensation, project finance, and more. (S)

3 Credits

BGRD 63200 Corporate Financial Management

Valuation techniques and capital budgeting; risk analysis and capital market theories; capital structure policies; advantages and limits of leverage; nature and scope of long-term financing; financial planning and short-term financing techniques; mergers and acquisitions; financial distress; and international corporate finance. Lectures and analyses of cases are employed to discuss theories and test their applications.

3 Credits

BGRD 63400 Marketing in a Digital World I (NLA)

Explores marketing of entertainment content, specifically from the perspective of how product and distribution decisions work in a digital world . Reviews major elements of developing a marketing plan, including strategy and environmental scanning, buyer behavior, market segmentation and targeting, and the marketing mix. Each is applied to the creation, delivery, and consumption of content with numerous substantive applications to current practice in audio and video entertainment. (F,Y)

2 Credits

BGRD 63500 Marketing in a Digital World II (NLA)

Explores marketing of entertainment content, specifically from the perspective of how product and distribution decisions work in a digital world . Reviews major elements of developing a marketing plan, including strategy and environmental scanning, buyer behavior, market segmentation and targeting, and the marketing mix. Each is applied to the creation, delivery, and consumption of content with numerous substantive applications to current practice in audio and video entertainment. (S,Y)

2 Credits

BGRD 64000 Marketing Management

Fundamental marketing topics, including marketing research, product design, distribution, pricing, and promotion of goods and services. Ethical considerations and issues in multinational marketing are emphasized. The marketing environment is also covered as it affects decision making. The course combines theory with applications through required readings, analyses of cases, and research projects.

3 Credits

BGRD 64100 Marketing: Electronic Commerce

Addresses the growth of the Internet, its emerging role as a marketing medium, and, in light of marketing-mix variables, its advantages and disadvantages relative to traditional marketing practices. Several industries where the web shows the greatest potential for growth are studied in detail: news, entertainment, travel, tourism, and financial services. Students learn how to create web pages, how to design online survey forms, and how to analyze survey responses using statistical software. Most of the information needed for this course is available directly from the Internet. Prerequisite: graduate standing.

3 Credits

BGRD 64200 Capstone in Entertainment and Media Industries (NLA)

This course is designed to be the culminating experience of the MBA in Entertainment and Media program. To that end, the students will take all of their newly accumulated knowledge and experience to prepare a business plan. The business or project that they propose will advance the efforts of South Hill Productions, one of our external partners' operations, or an entrepreneurial effort of their own. (U)

2 Credits

BGRD 65000 Organizational Structure and Processes

An examination of the organizational structure, processes, leadership, and behaviors involved in the operation of the business enterprise and the management of change. Examines the human factors impacting leadership and teamwork, including interpersonal effectiveness, group processes, conflict, personal values, diversity, and ethical issues.

Prerequisite: Graduate standing.

3 Credits

BGRD 65100 Professional and Organizational Development (NLA)

This course familiarizes M.B.A. students with critical aspects of professional and organizational development through pertinent literature and application of best practices. The first half of the course focuses on career and personal development. Students will explore professional development strategies and how career success is perceived and obtained. The second half of the course focuses on developing the key skills needed to be organizational problem solvers and agents of change. Students will analyze organizational problems and responses. Topics include identifying, diagnosing, and analyzing problems; planning responses; mobilizing resources; decision making; facilitating change; and evaluating potential risks, consequences, and outcomes.

Prerequisite: Graduate standing. (IRR).

3 Credits

BGRD 65200 Federal Tax Research (NLA)

This course covers tax research and methodology. It examines the primary sources of income tax law; the Internal Revenue code and administrative and judicial interpretations. The research process will be analyzed, including procedures involved in accessing tax law in written and electronic form, and determining the weight of authority from various sources. Practical written and computerized assignments will be completed using research tools to locate, understand and interpret primary source materials. The course will also explore the skills required to communicate the tax results. Prerequisites: ACCT 49300; graduate standing. (F)

3 Credits

BGRD 65300 Taxation of Property Transactions (NLA)

This course covers the income tax treatment of gains and losses resulting from disposition of various kinds of property by different taxpayers. It considers the mechanics of computing gain and loss, the definition of a capital asset, determination of basis and holding periods, recognition and nonrecognition of gain or loss, and tax consequences of dispositions of special kinds of property. Prerequisites: ACCT 49300; graduate standing. (S)

3 Credits

BGRD 65400 Taxation of Partnerships and Partners (NLA)

This course involves an introduction to and general overview of the provisions of Subchapter K. This course begins with definitional aspects of partnerships and distinguishes other taxable entities and tax consequences incident to formation of a partnership. Also covered are operational aspects, including selection of a taxable year, determination of the partners' distributive share and allocations, and consequences of termination of the partnership. Transactions between controlled partnerships and between a partner and the partnership, including guaranteed payments, are discussed. The tax consequences to both the seller and buyer of partnership interests are examined. Partner's tax basis and distributions of partnership property (both operating and liquidating distributions) are examined in detail throughout the course. Prerequisites: ACCT 49300; graduate standing. (S)

3 Credits

BGRD 65500 Tax Ethics, Practice and Procedure (NLA)

This course covers federal taxation practice and procedure including the entire scope of practice before the Internal Revenue Service (IRS). Topics covered include: organization of the IRS, examination of returns, evidentiary privileges, penalties, and interest, methods of proof, criminal tax procedure, private rulings and determination letters, and claims for refunds, and ethics. (Y)

3 Credits

BGRD 65600 Fraud Law (NLA)

Legal aspects of fraud examination is preparation for managers and accountants to recognize and understand major legal issues they will confront in business as they are related to fraud and fraud detection. Aspects of law are introduced through comprehensive readings and the application of law to hypothetical problems in the area of fraud. (Y)

1.5 Credits

BGRD 66000 Sustainable Practices in Operations and Technology

An integrated view of the operations management in organizations from a senior management application perspective. Covers topics such as sustainable development, lean operations, business modeling, theory of constraints, life cycle design, six sigma, and advanced technologies. Focuses on the application of these concepts to problem-solving and case analyses. Prerequisites: Graduate standing; BGRD 61500. (Y)

3 Credits

BGRD 67000 Commercial Law

Introduction to the concepts, rules, and principles that form the foundation of Uniform Commercial Code law. Students become aware of potentially serious legal situations; learn legal language to discuss such situations; learn how and when to contact an attorney; and learn specific rules and regulations of laws governing negotiable instruments, secured transactions, bulk transfers, bankruptcy, principle agency (employment law), warranties, product liability, contracts, and business formation. Prerequisite: Graduate standing.

3 Credits

BGRD 67100 Law for Managers

Preparation for managers to recognize and understand major legal issues they will confront in business. Aspects of law are introduced through comprehensive reading and discussion. Applied aspects include learning negotiation, mediation, and arbitration techniques; learning how to hire and work with legal counsel; and preventive law approaches to discrimination, criminal, and corporate issues. Prerequisite: Graduate standing.

3 Credits

BGRD 68000 Strategic Planning and Business Policy (NLA)

An examination of how organizations gain and sustain competitive advantage in a global environment, and how business policies and corporate strategies are successfully planned, implemented, and executed. The course emphasizes integration of functional areas of business through case analysis and the development of skills for thinking strategically about organizations from a general management perspective. Prerequisites: BGRD 60600; BGRD 63200; BGRD 64000; BGRD 65000; and BGRD 66000. (U,IRR)

3 Credits

BGRD 69700-69708 Selected Topics in Graduate Business

Special courses may be offered that include topics of interest to faculty and students. This arrangement permits offerings to be responsive to evolving faculty and student interests. This course may be repeated for different selected topics (for a total of no more than of selected topics courses). Prerequisite: Graduate standing.

3 Credits

BGRD 69800 Internship in Graduate Business

Supervised, off-campus work experience in a sponsoring organization. Provides advanced, hands-on managerial experience through direct and meaningful participation in management-level projects and/or consultative assignments that are significant in scope and at a level of responsibility appropriate for graduate degree credit. Prerequisites: Successful completion of in graduate business and permission of the M.B.A. program director. (FS)

1-3 Credits

Entertainment and Media Management - MBA

This program focuses on the business aspects of the entertainment and media industries as they relate to the music, film, and television sectors. Early in the program, the curriculum is designed to provide students with foundational knowledge in the areas of negotiations, accounting, entrepreneurship, and global aspects of the industry. In the second semester, students develop a more advanced understanding of the role that analytics, finance, and law play in the entertainment industry. The hallmark of the program is the immersive, experiential learning component. This aspect of the program requires students to run a multifaceted production company which, allows them to practice the theories and concepts learned in the curriculum. In the required

practicum courses, students gain direct experience with the full spectrum of operational decisions involved in running media and entertainment businesses in both foreign and domestic markets. Students will: 1) sign, develop, and release a work for a recording artist as part of a record label; 2) shop for content at a world-class film festival to license to a broadcaster; 3) operate a music publishing company; and 4) help organize and operate a summer music festival. In this way, the program prepares students to meet current industry needs as well as to be able to adapt to, and lead in, an ever changing industry.

Code	Title	Credits
BGRD 57900	The Business of Entertainment	1.5
BGRD 60900	Entrepreneurship for the Entertainment Industry	1.5
BGRD 61100	Practicum I, Production Management for Film & Television	1
BGRD 61200	Practicum II, Music Label Management	2
BGRD 61300	Practicum III, Music Publishing Management	1
BGRD 61400	Practicum IV, Live Music Production and Management	2
BGRD 61600	Negotiations for Entertainment & Media Industries	3
BGRD 61700	Business Analytics	3
BGRD 61800	Organizational Structure, Processes, & Leadership	3
BGRD 62100	Global Dimensions of the Entertainment and Media Industries	3
BGRD 62200	Finance & Economics in the Entertainment Industry	3
BGRD 62500	Accounting for the Entertainment Industry	3
BGRD 62600	Legal Environment of the Entertainment & Media Industries	3
BGRD 63400	Marketing in a Digital World I	2
BGRD 63500	Marketing in a Digital World II	2
BGRD 64200	Capstone in Entertainment and Media Industries	2
Total Credits		36

Accounting (M.S.)

Ithaca's Master of Science in Accounting program prepares graduates to provide auditing, consulting, and income tax services for individuals, corporations, and not-for-profit organizations. Core courses provide advanced training in the theory and application of financial accounting and reporting, taxation, auditing, and contemporary accounting practices. Accounting and graduate business electives allow students to tailor a program geared toward a focus in taxation or assurance, or to satisfy individual interests and career goals.

The M.S. in Accounting program is registered with the New York State Education Department, enabling graduates to meet the educational requirements necessary to be licensed as a certified public accountant (CPA) in New York State. The program also addresses the 150-hour requirements in 43 other states, Washington, D.C., Guam, and Puerto Rico (see individual state requirements for any variations).

The M.S. in Accounting is tailored primarily to students with undergraduate accounting degrees but is open to any candidate who meets entry requirements. Consult the program director regarding eligibility.

Prior to matriculation, applicants seeking admission to the M.S. in Accounting program must have completed one of the following:

- a bachelor's degree in accounting; or
- a bachelor's degree in business with at least 60 credits in liberal arts coursework plus Intermediate Accounting (I and II), Cost Accounting, Tax Accounting, Auditing, and Commercial Law.

Degree Requirements

Code	Title	Credits
BGRD 50200	Taxation for Managers	3
BGRD 50300	Governmental and Nonprofit Accounting	3
BGRD 50400	Advanced Financial Reporting	3
BGRD 60800	Contemporary Issues in Accounting	3
BGRD 63200	Corporate Financial Management	3
Select fifteen credits of electives from the following:		15
BGRD 50500	Accounting Practicum	
BGRD 60200	Advanced Auditing & Research	
BGRD 60700	Forensic Accounting	
BGRD 65200	Federal Tax Research	
BGRD 65300	Taxation of Property Transactions	
BGRD 65400	Taxation of Partnerships and Partners	
BGRD 65500	Tax Ethics, Practice and Procedure	
BGRD 65600	Fraud Law	
BGRD 61600	Negotiations for Entertainment & Media Industries	
BGRD 61700	Business Analytics	
Total Credits		30

Communications

As of 2021, the Roy H. Park School of Communications will no longer be accepting applications for their graduate programs in Image Text or Communications Innovation.

The master of science in Communications Innovation is an executive-style degree designed with busy schedules in mind. Professionals can enroll in the program without leaving their jobs – required courses are offered in an asynchronous, rich online environment, while elective special topics seminars are scheduled as long-weekend "intensives" in residence at companies all over the globe. By leveraging our academic centers in Ithaca, Los Angeles, New York, and London, and our vast alumni connections, we will create unparalleled opportunities to gain access to executives, artists, innovators, and organizations that are creating the content and tools for the next-generation media. For more information please visit our website.

The master of fine art in Image Text is unique terminal degree program focused on the intersection of writing and photography that is offered through a low-residency model. This program seeks to prepare accomplished and original artists to make substantial contributions to literary and media arts fields, including print and online publication and

exhibition, and encompassing experimental fiction, documentary and journalistic practices.

As of 2021, the Roy H. Park School of Communications will no longer be accepting applications for their graduate programs in Image Text or Communications Innovation.

Majors

- Communications Innovation M.S. (p. 825)
- Image Text M.F.A. (p. 826)

Subjects in this department include: Communications Innovation (EXCO) (p. 823) and Image Text (IMTX) (p. 824)

Communications Innovation (EXCO)

EXCO 50000 Innovation and Collaboration

Innovation and collaboration are at the heart of organizations' ability to survive and thrive, and they are central to individuals' participation in the future of communication. Basic concepts, principles, tools, techniques, and processes of design, research, creativity, innovation, and collaboration are introduced through authentic learning activities. Preparation for individual design inquiry (R&D) projects is begun. Course meets during initial program residency, then online. Required. (SUM,Y) 3 Credits

EXCO 60000 Emerging Media: Principles and Theories

An examination of the fundamental psychological and sociological principles and theories that inform the design of emerging media. Students will analyze various emerging media and apply the fundamental principles, theories, and media effects that persuade, teach, entertain, inspire, and inform. Required. Prerequisite: EXCO 50000. (IRR) 1 Credit

EXCO 60200 Story as Solution (NLA)

An exploration of story in myriad forms designed to provide students with both an understanding of the importance of story in all aspects of communications and a foundation in the principles of dramatic structure that they may apply to projects in their own field. Required. Prerequisite: EXCO 50000. (IRR) 1 Credit

EXCO 60400 Media Ethics and Governance (NLA)

Examines contemporary and emerging regulatory issues that impact communication and media industries and organizations around the globe. Introduces influential ethical theories and perspectives, explore changing societal demands and expectations of media creation and media use. Prerequisites: EXCO 50000. (IRR) 1 Credit

EXCO 60500 Intellectual Property and Business Contracts

Discussion and readings pertaining to current legal issues in selected fields such as intellectual property; contracts; negotiation; and managing the attorney relations. Preparation for managers to recognize and weight options with regard to legal issues they will encounter in business. Aspects of law are introduced through comprehensive reading and application to hypothetical problems. Required. Prerequisites: EXCO 50000. (IRR) 1 Credit

EXCO 60700 Analytics for Communications Management (NLA)

Data analysis applies to a world that goes beyond business decisions - information influences every aspect of our lives. An examination of the importance of quantitative and qualitative data analysis in the decision-making process across communication related industries. This course provides executives with the basis for understanding quantitative and qualitative data collection both in terms of how the data are collected, and also how the data can be analyzed to make well informed managerial decisions. A hands-on data analysis project is required. Required.

Prerequisites: EXCO 50000. (IRR)

1 Credit

EXCO 60800 Consumer Behavior: Theory and Application

An examination of theoretical perspectives, decision making and the internal limitations and external influences on human consumptive activities. This course provides Executives with the basis for a consumer orientation that can be used when creating their final project in their respective fields. (1 cr.; Prerequisite: EXCO 50000. (IRR)

1 Credit

EXCO 60900 New Venture Finance: Startup Funding for Entrepreneurs (NLA)

Exploration of media economics with a focus on developing business plans for entrepreneurs and managers. Introduction to historic and digital communication models; database research emphasizing public records; basic finance and accounting principles; and exploring how new media ventures become realized. Students research a business plan and develop a revenue model for their media venture. Prerequisites: EXCO 50000. (IRR)

1 Credit

EXCO 61000 Introduction to Global Leadership (NLA)

Explores the broad range of skills required by successful global leaders, beginning with introspection and moving to methods and concepts to support our external interactions. It starts with awareness of self, mindfulness and personal values. These factors influence our interactions with our teams. From there the course delves into cross-cultural competency and moves to the skills which need to be mastered to be an impactful global leader: creating a global vision, empowering people, embracing diversity, managing change & conflict, ethics & integrity and overcoming obstacles. Prerequisites: EXCO 50000. (IRR) 1 Credit

EXCO 61101-61113 Selected Topics in Communications Innovation

Intensive on-site investigation of a particular current topic, case study, or issue in the field. Examples of topics include mobile media technologies, immersive user experiences, emerging regulatory issues, and globalization of media content. Students will spend several days in study and dialogue with scholars and practitioners at a selected location. Elective. Two to Three credits each (up to Ten credits total).

2-3 Credits

EXCO 61114 ST: Communications Innovation (NLA)

Intensive on-site investigation of a particular current topic, case study, or issue in the field. Examples of topics include mobile media technologies, immersive user experiences, emerging regulatory issues, and globalization of media content. Students will spend several days in study and dialogue with scholars and practitioners at a selected location. Elective. each (up to total). (IRR)

2-3 Credits

EXCO 61115-61120 Selected Topics in Communications Innovation (NLA)

Intensive on-site investigation of a particular current topic, case study, or issue in the field. Examples of topics include mobile media technologies, immersive user experiences, emerging regulatory issues, and globalization of media content. Students will spend several days in study and dialogue with scholars and practitioners at a selected location. Elective. each (up to total). (IRR)

2-3 Credits

EXCO 61121 ST: Communications Innovation

Intensive on-site investigation of a particular current topic, case study, or issue in the field. Examples of topics include mobile media technologies, immersive user experiences, emerging regulatory issues, and globalization of media content. Students will spend several days in study and dialogue with scholars and practitioners at a selected location. Elective. Two to Three credits each (up to Ten credits total). (IRR)

2-3 Credits

EXCO 61122 Selected Topics in Communications Innovation Leadership (NLA)

Intensive on-site investigation of a particular topic, case study, or issue in the field. Examples of topics include executive leadership, design thinking, culture change, organization and in practice communication. Students will spend several days in study and dialogue with scholars and practitioners at a selected location. Ithaca College campus. Prerequisites: EXCO 50000. (IRR)

2 Credits

EXCO 61200 Research and Development Project I

Development of an extensive proposal for a new media genre, platform, production or economic model, or program. The proposal must include a literature / business review, rationale, design statement, and business plan and will draw upon previous coursework. Open only to students who have completed at least and who have gained approval of the program director. Required. Prerequisite: EXCO 50000 and completion of taken from any combination of EXCO 60000, 60100, 60200, 60300, 60400, 60500, 60600, 60700, 60800, 60900, 61000, and 61101-61199. (IRR)

3 Credits

EXCO 61300 Research and Development Project II

The degree capstone, involving the development of a prototype for a new media genre, program, platform, production system, or economic model, based on an approved project proposal developed in R&D Project I. Students will deliver a persuasive presentation before a panel of faculty and students to outline the key innovative and practical aspects and to synthesize key theories and competencies learned in the previous required courses. Required. Prerequisite: EXCO 61200 and approval of the Program Director. (IRR)

3 Credits

EXCO 62000 Change Management (NLA)

The process of change and change management that focuses on the necessity of change in today's globally competitive environment. The type and manner of change taking place within organizations, and identifying the key challenges and opportunities associated with each kind of change. Required. Prerequisites: EXCO 50000. (IRR)

1 Credit

EXCO 62500 Global Product Management: Bringing Concept to Reality (NLA)

Study the process of taking an idea and making it a reality requires a systematic methodology to examine options, understand the marketplace and create a product experience. One of the critical skills is how to take subjective concepts and convert them to objective measures to allow entrepreneurs to examine multiple options or approaches. This course will cover the Product Opportunity Gap (POG), the Social, Economic, and Technology (SET) aspects of a product or service, product performance, AND experience, brand strategies, new product planning & development, understanding user's needs, wants and desires, and the product-service ecosystem. Required. Prerequisites: EXCO 50000. (IRR)

1 Credit

EXCO 63000 Communication Theory to Practice: A Case Studies Approach (NLA)

Designed to give an overview of the theoretical approaches and theories in communication across a variety of context — foundational topics in organizational communication, mass communication, communication technology and diffusion of innovation theory. Case studies are used to demonstrate in-depth applications of communication theory in real-life situations. Required. Prerequisites: EXCO 50000. (IRR)

1 Credit

Image Text (IMTX)**IMTX 50000 Image-Text Practicum: Writing**

Focused introduction to foundational approaches to writing. Students will develop technical, stylistic, and aesthetic competence in multiple genres of writing with an emphasis on the essay and hybrid-genre writing. Readings in nonfiction, fiction, poetry, and hybrid-genre work will be accompanied by intensive writing assignments. The course will include seminar-style discussions, in-class exercises, and peer workshops of student writing. (Summer,Y)

2 Credits

IMTX 50100 Image-Text Practicum: Photography

Focused introduction to formal and technical fundamentals of photography. Students will develop skills in digital and analog image capture and printing while exploring a range of methodological and conceptual strategies in photography. Technical demonstrations and lectures in historical and contemporary photographic practice will supplement intensive creative assignments. The studio-based course will include seminar-style critiques and technical workshops. (Summer,Y)

2 Credits

IMTX 50200 Image-Text Practicum: Design

Focused introduction to formal and technical fundamentals of graphic design. Students will develop skills in digital design for both print and electronic formats. Technical demonstrations and lectures in historical and contemporary design practice will supplement intensive creative assignments. The studio-based course will include seminar-style critiques and technical workshops. (Summer (Y)

2 Credits

IMTX 50500 Image-Text Practicum: Selected Topics

Focused exploration of specific techniques, technologies, genres or methodologies in writing, photography, design or relevant hybrid practices. Designed to immerse students in intensive study of specialized skills and approaches within these fields, and to take advantage of faculty's specialized professional and creative experience through lectures, demonstrations, individual and group exercises and creative research. (Summer,Y)

2 Credits

IMTX 50501-50600 Image-Text Field Practicum (NLA)

Focused exploration of specific techniques, technologies, genres or methodologies in writing, photography, design or relevant hybrid practices. Designed to immerse students in intensive study of specialized skills and approaches within these fields, and to take advantage of faculty's specialized professional and creative experience through lectures, demonstrations, individual and group exercises and creative research. (Summer,Y)

2 Credits

IMTX 51001-51005 Selected Topics Seminar in Image-Text

Intensive intellectual inquiry of ideas and genres as applied to creative work across a range of relevant disciplines and practices. Exploration of cultural and scholarly histories in keeping with the expertise of faculty. Through focused research, debate and analysis, students investigate significant philosophical, aesthetic, political and social frameworks. (Summer, Y)

2 Credits

IMTX 52000 Image-Text Visiting Artist Colloquium

Individual studio visits/critiques with visiting artists, writers, editors, curators and publishers. Colloquia will include attendance at visiting artist lectures and readings as well as events associated with the annual Image Text Ithaca Symposium. (Summer,Y)

1 Credit

IMTX 60000 Independent Mentored Study

Semester-long independent creative work in consultation with faculty mentor. Critique and discussion of ongoing creative work is completed during the fall and spring semesters using video conferencing and electronic document exchange. Course plan will be crafted collaboratively by student and faculty mentor at the beginning of each semester to maximize both continued focus and new development in creative work. May be taken up to four times, for a maximum of (F-S,Y)

6 Credits

IMTX 60100 Thesis Studio I

Designed for students in the first summer session of their MFA experience. The open discussion and work structure of the class is oriented towards generation of thesis ideas, topic and structure development, and plans for future work on each student's MGA thesis project through individual and group work sessions and critiques. (Summer,Y)

3 Credits

IMTX 60200 Thesis Studio II

Designed for students in the second summer session of their MFA experience. The open discussion and work structure of the class is oriented towards focusing and refining thesis ideas, structure and content, and planning second-year work on thesis projects through individual and group work sessions and critiques. (Summer,Y)

3 Credits

IMTX 60300 Thesis Studio III (LA)

Designed for students in the third summer session of their MFA experience. The structure of the class is particularly oriented towards final editing, resolution and publication/presentation of thesis projects through individual and group work sessions and critiques. Students will develop and implement a plan for publicizing, promoting, and publicly disseminating their project. (U,Y)

3 Credits

Communications Innovation M.S.

As of 2021, the Roy H. Park School of Communications will no longer be accepting applications to the graduate program in Communications Innovation.

Diane Gayeski, Professor and Program Director

At Ithaca College, we're helping accomplished professionals and high-potential leaders get ahead of the communications curve with a blended distance learning two-year master's of science degree in Communications Innovation.

The Roy H. Park School of Communications' asynchronous courses allow you to collaborate with other professionals and professors online while maintaining your full-time job. While the majority of this executive-style program is delivered online, students will also participate in several intensive on site classes, held over long weekends at various locations throughout the world.

The curriculum provides a foundation in new venture finance, intellectual property, media governance, global leadership, change management, data analytics, emerging media, systems modeling, human perception, storytelling, consumer behavior and research methods. The courses are a platform for engaging in problem-based learning, stimulating original ways of thinking, and promoting new connections across nations, technologies, platforms, industries, and constituencies.

This highly collaborative coursework culminates in a capstone research and development project that provides immediate value to the graduate cohort and their employers. Students graduate from the program with a fully researched business plan, and are ready to introduce new entrepreneurial visions into the world.

Program Time Frame

It is expected that all students will be enrolled full-time and complete the program in 24 months.

Admissions Requirements

To be eligible for the master's in Communications Innovation students must meet the following qualifications;

- Have an earned bachelor's degree from a regionally accredited U.S. institution or equivalent from an international college or university (applications are reviewed on an individual basis and GPA is reviewed in conjunction with all other aspects of the application).
- Have five or more years of professional work experience or equivalent expertise.
- Complete the Ithaca College application form, and submit a current resume with a nonrefundable application fee.
- Arrange for two letters of recommendations to be submitted from the applicant's immediate supervisor and/or an individual qualified to assess the applicant's ability to pursue an executive graduate degree.
- Arrange for official transcripts from all institutions of higher education that the applicant has attended to be sent directly to the Ithaca College Office of Admissions, which includes a full transcript for the required bachelor's degree and any other degrees earned or coursed taken.
- Participate in a required interview (in person or via teleconference) with the Program Director.

- Demonstrate English language proficiency (for non-native English speakers) by submitting official scores from the Test of English as a Foreign Language (TOEFL) with a minimum score of 114 (Internet-based test) or equivalent.
- Maintain an up-to-date passport for international travel.

Academic Policies

Students are required to maintain a cumulative GPA of 3.0 and may not earn less than a grade of B in 10 or more credits. Any documented pattern of unprofessional behavior will be addressed by the Director and the student may be subject to dismissal from the program.

Graduate Assistantships

Students enrolled in the blended distance education program are not eligible for graduate assistantships.

Academic Advising

The Director of the M.S. in Communications Innovations serves as the academic adviser for all students, and oversees the capstone research and development project, which culminates in a final presentation in Ithaca.

Degree Requirements

Students complete 32 credits over a two-year period and graduate with a master’s of science in Communications Innovation.

Most courses are offered in a highly collaborative, asynchronous online environment, allowing students to interact with peers, professors, and the course material in a convenient setting. Typically, students take one course at a time over a five-week period, and the degree culminates in a final research and development project.

The blended learning program begins and ends with a three-day on site intensive class in Ithaca, New York, each August, providing a welcome and introduction for new students and an opportunity for graduating students to present their research and development projects to the entire student and faculty community.

Code	Title	Credits
Required Courses		
EXCO 50000	Innovation and Collaboration	3
EXCO 60000	Emerging Media: Principles and Theories	1
EXCO 60200	Story as Solution	1
EXCO 60400	Media Ethics and Governance	1
EXCO 60500	Intellectual Property and Business Contracts	1
EXCO 60700	Analytics for Communications Management	1
EXCO 60800	Consumer Behavior: Theory and Application	1
EXCO 60900	New Venture Finance: Startup Funding for Entrepreneurs	1
EXCO 61000	Introduction to Global Leadership	1
EXCO 62500	Global Product Management: Bringing Concept to Reality	1
EXCO 63000	Communication Theory to Practice: A Case Studies Approach	1

EXCO 62000	Change Management	1
EXCO 61101-EXCO 61199	Selected Topics in Communications Innovation (2-3 credits) ¹	10
EXCO 61122	Selected Topics in Communications Innovation Leadership	2
EXCO 61200	Research and Development Project I	3
EXCO 61300	Research and Development Project II	3
Total Credits		32

¹ 10 credits total required

Image Text M.F.A.

As of 2021, the Roy H. Park School of Communications will no longer be accepting applications to the graduate program in Image Text.

Nicholas Muellner, Professor and Co-Director
Catherine Taylor, Associate Professor and Co-Director

The Ithaca College low-residency Image Text MFA is a unique terminal degree program focused on the intersection of writing and photography. Students in our exploratory, flexible and innovative twenty-five month program work directly with faculty and visiting artists during three annual month-long summer sessions in Ithaca, New York and in two annual week-long winter sessions in a major international cultural capital. During the fall and spring academic terms, students pursue independent study in close consultation with their faculty mentors. Integrating theoretical and conceptual studies with intensive creative practice, the program seeks to create a community that brings photography and writing into a shared arena of discussion, including cross-disciplinary and collaborative work.

The current explosion of independent creative publishing is saturated with hybrid image-text works, and in journalistic and editorial work, writers are increasingly expected to photograph and photographers to write. These convergences have begun to be addressed in pre-professional programs, but not yet in creative training for contemporary writers and artists. The Image-Text MFA is the first program in the country to specifically focus on this vital and expanding intersection of creative and professional practice.

This program seeks to prepare accomplished and original artists to make substantial contributions to literary and media arts fields, including print and online publication and exhibition, and encompassing experimental fiction, documentary and journalistic practices.

We welcome applicants with backgrounds in writing, photography and other lens-based media, and artists working across these forms and disciplines. Experience in both text and image-making is not required, but applicants must submit a portfolio that demonstrates sustained work in at least one of these areas, if not both.

Degree Requirements

The structure of this program reflects four overarching curricular goals:

Practicum courses develop the students’ range of material, technical, formal and stylistic skills. The Foundation Practicum requirement guarantees that all students leave the program with advanced competence in an additional core discipline (beyond the disciplinary achievement in at least one of these fields that secured their admission to the program), and develop a shared approach to the fundamental media in the program. Practicum Electives allow students to take

advantage of our diverse faculty's range of expertise, in keeping with their ideas and interests.

Seminar courses develop the students' knowledge of relevant historical and contemporary practices within an interdisciplinary framework. Coursework develops critical expertise through writing, presentations and discussion, while exposing them to the passionately informed knowledge of leading artists, writers and scholars.

The Field Practicum immerses students in a broad array of professional practices and introduces them to important and influential figures in contemporary literary and visual art. Students thus leave the program well-informed about and connected to individuals, practices and venues relevant to their professional development beyond graduate study.

The Graduate Workshop and Thesis requirements form the creative core of the program, allowing students both to explore and to focus within their artistic practices. This is accomplished through intensive independent mentored study, done via distance-learning, as well as group critique and discussion in Thesis Studios. Thesis Studio III ensures that students' increasingly focused practice culminates in the professional completion and launch of an accomplished creative project.

Code	Title	Credits
Practicum Foundation Requirement		
Select one of the following: ¹		2
IMTX 50000	Image-Text Practicum: Writing	
IMTX 50100	Image-Text Practicum: Photography	
IMTX 50200	Image-Text Practicum: Design	
Practicum Elective Requirement		
Select 4 credits from the following: ²		4
IMTX 50000	Image-Text Practicum: Writing	
IMTX 50100	Image-Text Practicum: Photography	
IMTX 50200	Image-Text Practicum: Design	
IMTX 50500- IMTX 50599	Image Text Practicum: Selected Topics	
Seminar Requirement		
Select 12 credits of the following:		12
IMTX 51001-51099	Selected Topics Seminar in Image Text	
Visiting Artist Colloquium Requirement		
Select 3 credits of the following:		3
IMTX 52000	Image-Text Visiting Artist Colloquium	
Field Research Requirement		
Select 6 credits of the following:		6
IMTX 50600	Image-Text Field Practicum	
Graduate Workshop Requirement		
Select 24 credits of the following:		24
IMTX 60000	Independent Mentored Study	
Thesis Requirement		
IMTX 60100	Thesis Studio I	3
IMTX 60200	Thesis Studio II	3
IMTX 60300	Thesis Studio III	3
Total Credits		60

¹ Determined in consultation with faculty advisor.

² Note: The course that is taken to satisfy the Foundation requirement may not also count for the Elective requirement.

Education

Peter Martin, Associate Professor and Chair of Graduate Programs
Sara Levy, Department Chairperson
Sarah House, Teacher Education Certification Specialist

The School of Humanities and Sciences offers three graduate degrees: a master of arts in teaching (M.A.T.) degree in adolescence education, a master of arts in teaching (M.A.T.) degree in agriculture education, and a master of science (M.S.) degree in childhood education. The M.A.T. programs prepare liberal arts and sciences graduates for teaching careers in agriculture education grades K-12, and in adolescence education grades 7-12 in the following subject areas: biology, chemistry, earth science, mathematics, physics, English, French, Spanish, and social studies. The M.S. in childhood education prepares liberal arts and sciences graduates for teaching careers in elementary education, grades 1-6.

All three graduate programs are registered with and approved by the New York State Department of Education. Graduates of the M.A.T. and M.S. programs who pass state certification exams are fully eligible for *initial* teaching certification in adolescence education (grades 7-12), agriculture education (grades K-12), and childhood education (grades 1-6) in New York State, which also has interstate reciprocity agreements with more than 30 other states and jurisdictions.

The design of each M.A.T. curriculum combines an introduction to the field of education with continued study of the student's academic discipline. M.A.T. students complete 24 graduate credits in education and 12 credits of coursework in the discipline. These full-time, 13-month programs begin in late May each year.

The childhood education graduate program begins in late May each year, continues through the summer, fall, and spring semesters, and concludes in late June of the following year. Students in the childhood education program complete 38 credits of graduate study.

The graduate programs in education are intensive and academically rigorous. Students enroll full-time in graduate coursework and also participate in field experiences in school and community settings.

Core components of the education programs include:

- The integration of theory and practice in coursework and field experiences
- Opportunities to observe, tutor, and teach in multiple and diverse settings, including schools in the Ithaca area and in New York City (including Frederick Douglass Academy, Washington Heights Academy, and John Bowne High School)
- An emphasis on culturally responsive teaching that supports the personal and academic achievement of all learners
- Collaboration with families and community to enhance school and classroom effectiveness
- Ongoing participation in the processes of reflective practice and teacher inquiry

Completion of the M.A.T. and the M.S. programs requires:

1. the preparation of an electronic professional development portfolio, and

2. a paper and presentation documenting a classroom-based teacher inquiry project.

For more information about admission to the graduate programs, contact Dr. Peter Martin (pmartin@ithaca.edu), Chair of Graduate Programs in Education.

The Department of Education in the School of Humanities and Sciences

The Department of Education coordinates all teacher education programs, both undergraduate and graduate, for the School of Humanities and Sciences. The Office of Teaching and Certification, housed in the Department of Education, assists all teacher education students with issues pertaining to teacher certification. This office also maintains data on all student teacher placements and facilitates mentor-teacher payments.

Unit-Wide Assessment Systems in Ithaca College Teacher Education Programs

The All-College Teacher Education Unit at Ithaca College requires all teacher education students, regardless of program area, to be reviewed at four programmatic transition points during their course of study. Continuation in a teacher education program is contingent upon the student successfully meeting the requirements of each transition point review; therefore, admission into one of the Ithaca College Teacher Education Programs does not guarantee that a student will be allowed to participate in the semester-long student teaching experience or to be a program completer eligible for teaching certification. Graduate students in education must successfully complete unit-wide reviews at the following transition points:

1. Admission to Professional Education (admission to the graduate program);
2. Admission to Student Teaching;
3. Completion of Student Teaching; and
4. Completion of Program.

As part of these reviews, student progress in meeting the Ithaca College Teacher Education Standards, the New York State Teaching Standards, the IC Teacher Education Professional Qualities and Dispositions, and the standards of the relevant Specialized Professional Association is assessed by program-specific reviewers. Specific details about the graduate program's particular requirements and procedures, including supports for students who do not meet the criteria for a review, can be found in the program handbook, which is distributed and reviewed at the program orientation in May.

Program Requirements

In addition to the course and field experiences required for completion of the graduate programs in education, graduate students in education must also satisfy the following requirements:

1. All teacher education candidates at Ithaca College must meet the state requirement for college-level study in a language other than English or demonstrate equivalent proficiency. Candidates admitted to the graduate programs in education who have not yet met this requirement must do so prior to graduation from the graduate program.

2. Students admitted to the graduate programs in education with outstanding requirements must complete those requirements by the date stipulated in the letter of admission.
3. All graduate students in education must maintain a minimum GPA of 3.0, with grades of B or better in all education courses. A grade of B- does not qualify.
4. EDUC 60000 and EDUC 51210 constitute a full course load during the student teaching semester. No additional courses may be taken during this semester nor can teacher candidates participate in any extra-curricular activities that may have the potential to affect time available for teaching and preparation. During the semester of student teaching, graduate students may not play a varsity sport or participate in theatre productions or musical ensembles at the College. Note that it is the responsibility of graduate students to provide their own transportation to student teaching placement sites.
5. All candidates for initial certification in New York must successfully complete certification exams and performance assessments required by the state for the applicant's intended teaching certificate. Candidates who intend to apply for certification in other states are encouraged to access the websites in those states to determine any additional exams and/or requirements for certification.

Tuition Scholarships and Graduate Assistantships

Tuition scholarships and graduate assistantships are available on a competitive basis and are awarded to students with strong academic records. Graduate Assistants support program-area faculty with research and community service projects, especially those connected with the College's school and community partnerships. Applicants interested in applying for tuition scholarships and/or graduate assistantships should refer to the additional information provided in the Financial Aid section of the catalog (p. 760).

Related Programs

Ithaca College also offers graduate programs in these other education disciplines:

- Music Education
- Teaching Students with Speech and Language Disabilities

Majors

- M.A.T. in Adolescence Education (p. 830)
- M.A.T. in Agriculture Education (p. 832)
- M.S. in Childhood Education (p. 833)

EDUC 50000 Professional Development Seminar

Seminar in the development of a personal philosophy of education; the preparation of a professional portfolio; and the design, completion, and presentation of an action research project. Students must pass two summer semesters of this course, one in the first summer of the program, and the other in the final summer of the program. Required. Pass/fail only. (Sum)

Attributes: TE
0 Credit

EDUC 50100 Literacy Development for Linguistically Diverse Learners (LA)

Study of the acquisition of a new language and implications for pedagogical practices in K-12 education. Topics include the role of culture in language acquisition, stages and processes in the development of an additional language, facilitating oral and written language acquisition, teaching and learning in the content areas for language learners, culturally and linguistically appropriate assessments for language learners, relevant laws and policies that guide practice, and methods for collaborating with linguistically diverse families. Prepares teacher candidates for a related field experience. (Y)

Attributes: TE

3 Credits

EDUC 50300 The Exceptional Child and the Classroom (NLA)

Analysis of the instructional elements, modifications, and behavioral management techniques for the unique needs of exceptional children in middle and secondary, subject-specific class settings; explores the role of teachers and other school professionals and parents in providing services to these students; development of appropriate I.E.P.s and review of state and federal laws governing students with disabilities. (SU,F,Y)

Attributes: TE

3 Credits

EDUC 50510 Pedagogy and Practice for the Mathematics Teacher (NLA)

Examination of current research and practice in the effective teaching of mathematics at the middle and high school levels. Focus on national and state standards in mathematics, instructional planning and differentiation, appropriate use of technology, approaches to assessment, and the integration of literacy in the mathematics curriculum. Introduction to professional organizations, journals, and resources. Field experience required. Prerequisite: Graduate student in good standing or permission of instructor. (F, Y)

Attributes: TE

3 Credits

EDUC 50810 Pedagogy and Practice across the Disciplines (NLA)

Research and practice in models of teaching, motivation, and classroom management that span the disciplines and promote effective teaching at the middle and high school levels. Emphasis on instructional planning, assessment of student learning, differentiation, and the integration of literacy across the disciplines. Introduction to structured observation, reflective practice, and action research. Field experience required. Prerequisite: Graduate student in good standing or permission of instructor.

Attributes: TE

3 Credits

EDUC 50910 Pedagogy and Practice in the Teaching of Social Studies (NLA)

Examination of current research and practice in the effective teaching of social studies at the middle and high school levels. Focus on national and state standards in social studies, mastery of theoretical concepts and their application in the classroom, instructional planning and differentiation, appropriate use of technology, approaches to assessment, and the integration of literacy in the social studies curriculum. Introduction to professional organizations, journals, and resources. Field experience required. Prerequisite: Graduate student in good standing or permission of instructor. (F, Y)

Attributes: TE

3 Credits

EDUC 51010 Pedagogy and Practice for the Science Teacher (NLA)

Examination of current research and practice in the effective teaching of science at the middle and high school levels. Focus on national and state standards in science, instructional planning and differentiation, appropriate use of technology, approaches to assessment, laboratory organization and safety, and the integration of literacy in the science curriculum. Introduction to professional organizations, journals, and resources. Field experience required. Prerequisite: Graduate student in good standing or permission of instructor. (F, Y)

Attributes: TE

3 Credits

EDUC 51110 Pedagogy and Practice for the English Teacher (NLA)

Examination of current research and practice in the effective teaching of English at the middle and high school levels. Focus on national and state standards in English language arts, instructional planning and differentiation, appropriate use of technology, approaches to assessment, and support for students' literacy development. Introduction to professional organizations, journals, and resources. Field experience required. Prerequisite: Graduate student in good standing or permission of instructor. (F, Y)

Attributes: TE

3 Credits

EDUC 51210 Seminar in Reflective Practice (LA)

Taken concurrently with EDUC 60000. Critical reflection on teaching and learning, including content knowledge, planning and instruction, positive learning environment, diversity, technology, assessment, collaboration and outreach, and professional development. Literacy issues and methodologies. Teachers as action researchers. Prerequisite: Graduate student in good standing. (Y)

Attributes: TE

3 Credits

EDUC 51310 Pedagogy and Practice of Teaching Languages Other Than English (NLA)

Examination of current research and practice in the effective teaching of languages other than English at the middle and high school levels. Focus on national and state standards in the teaching of modern languages, instructional planning and differentiation, appropriate use of technology, approaches to assessment, and issues related to second language acquisition and literacy development. Introduction to professional organizations, journals, and resources. Field experience required. Prerequisite: Graduate student in good standing or permission of instructor. (F, Y)

Attributes: TE

3 Credits

EDUC 53200 Educational Programs in Agricultural Science (NLA)

Provides an overview of the organization and structure of programs and curriculum in agricultural science and the professional responsibilities of teachers in agricultural science education. Principles of developing and managing courses, instructional materials, curriculum, and programs in agricultural science education will be discussed. (F, Su, Y)

3 Credits

EDUC 53500 Youth Leadership and Organizations (NLA)

Provides a comprehensive overview of the elements of youth leadership and their relationship to youth organizations. Examines factors affecting membership, purpose, design, operation, and administration of career and technical student organizations, including FFA and 4-H. Field experience required. (F, Su, Y)

3 Credits

EDUC 53800 Advanced Concepts in Agricultural Education (NLA)

This course focuses on advanced concepts in three overarching areas: agriculture laboratory and program establishment, curriculum and program diversity, and professional development and support networks. (F-Sum, Y)
3 Credits

EDUC 56500 Educational Technology for Childhood Educators (NLA)

Examines the theory and practice of educational computing and technology. Emphasis is on applying and integrating technology to enhance pedagogy and practice. Project oriented, focusing on designing products for instructional activities and environments with various technologies. (Y)
3 Credits

EDUC 56600 Educational Technology for Middle and Secondary Educators (NLA)

Examines the theory and practice of educational computing and technology. Emphasis is on applying and integrating technology to enhance pedagogy in classroom and online environments. Project oriented, focusing on designing products for instructional activities and online environments with various technologies. (Y)
3 Credits

EDUC 59900 Independent Study in Education (LA)

Study with a faculty member on specific problems in education. Written proposal to the graduate chair, describing the terms of the particular project, is required. Prerequisites: Permission of instructor. (IRR)
1-3 Credits

EDUC 60000 Professional Semester in Education (NLA)

A full semester of observation and supervised teaching at both the middle and high school levels. Additional coursework may not be taken without permission of department chair and coordinator of teacher education. Prerequisites: One of the following: EDUC 50510, EDUC 51010, EDUC 51110, EDUC 51210, EDUC 51310, or EDUC 65000. (F,S,Y)
Attributes: TE, UND
6 Credits

EDUC 60500 Foundations of Language, Literacy, and Culture

Study of research and theory related to literacy development, early childhood through adolescence. Includes attention to language and literacy in inquiry, literacy in diverse families and communities, literate practices inside and outside of classrooms, biliteracy and literacy across cultures, psycholinguistic theories of reading, reader response, and the research on literacy methods, curricula, and texts commonly used in classrooms. (Y, Summer)
3 Credits

EDUC 61000 Teaching and Learning in Diverse Elementary Schools

This course provides an overview of the elementary school curriculum and environment; the roles and responsibilities of childhood educators; the relationship of school, family, and community; research on effective teaching and schooling; principles and practices of motivation, management, and social interaction; and strategies for planning, teaching, and assessing. Emphasis on culturally responsive teaching in diverse school settings. Prerequisite: Graduate student in good standing, or permission of instructor. Required. (Y)
Attributes: TE
3 Credits

EDUC 62000 Curriculum and Instruction in Elementary School Social Studies

This course focuses on the content and design of the social studies curriculum in the elementary school; current research, theory, and standards in social studies; strategies for instruction, differentiation, and assessment; and available resources. Integration of literacy and technology. Emphasis on community and citizenship, critical thinking, multidisciplinary approaches, and the use of primary resources. Field experience required. Prerequisite: Graduate student in good standing, or permission of instructor. Required. (Y)
Attributes: TE
3 Credits

EDUC 63000 Curriculum and Instruction in Elementary School Science

This course focuses on the content and design of the science curriculum in the elementary school; current research, theory, and standards in science; strategies for science instruction, differentiation, and assessment; laboratory procedures and safety practices; and available resources. Integration of content-area literacy and technology. Emphasis on the development of an inquiry-oriented approach. Field experience required. Prerequisite: Graduate student in good standing, or permission of instructor. Required. (Y)
Attributes: TE
3 Credits

EDUC 64000 Curriculum and Instruction in Elementary School Mathematics

This course focuses on the content and design of the mathematics curriculum in the elementary school; current research, theory, and standards in mathematics; strategies for mathematics instruction, differentiation, and assessment; and available resources. Integration of content-area literacy and technology. Emphasis on children's conceptual understandings of mathematics and the development of pedagogical proficiency for using both "traditional" and "reform" math curricula. Field experience required. Prerequisite: Graduate student in good standing, or permission of instructor. Required. (Y)
Attributes: TE
3 Credits

EDUC 65000 Curriculum and Instruction in Elementary School Language Arts and Literacy (NLA)

This course focuses on the content and design of the language arts and literacy curriculum in the elementary school; current research, theory, and standards in literacy, strategies for literacy instruction, differentiation, and assessment; and available resources. Emphasis on reading processes, writing processes, word study (including phonemic awareness, word analysis, spelling, and vocabulary), listening, speaking, and dramatic expression. Integration of technology. Field experience is required. Prerequisite: Graduate student in good standing, or permission of instructor. (F, Y)
Attributes: TE
3 Credits

M.A.T. in Adolescence Education

This program is designed for candidates seeking *initial* teaching certification in adolescence education, grades 7–12, in biology, chemistry, earth science, mathematics, physics, English, French, Spanish, and social studies. The program includes a full professional semester of student teaching.

Summary

Code	Title	Credits
Core education and pedagogy courses		27
Discipline-specific courses		9
Total Credits		36

Degree Requirements

Code	Title	Credits
CORE EDUCATION COURSES		
EDUC 50000	Professional Development Seminar	0
EDUC 50100	Literacy Development for Linguistically Diverse Learners	3
EDUC 50300	The Exceptional Child and the Classroom	3
EDUC 50810	Pedagogy and Practice across the Disciplines	3
EDUC 51210	Seminar in Reflective Practice	3
EDUC 56600	Educational Technology for Middle and Secondary Educators	
EDUC 60000	Professional Semester in Education	6
EDUC 60500	Foundations of Language, Literacy, and Culture	3
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
PEDAGOGY AND PRACTICE IN THE DISCIPLINE		
Select one of the following:		3
EDUC 50510	Pedagogy and Practice for the Mathematics Teacher	
EDUC 50910	Pedagogy and Practice in the Teaching of Social Studies	
EDUC 51010	Pedagogy and Practice for the Science Teacher	
EDUC 51110	Pedagogy and Practice for the English Teacher	
EDUC 51310	Pedagogy and Practice of Teaching Languages Other Than English	
COURSES IN THE DISCIPLINE		
Select one of the following options:		9
English		
ENGL 52000	History and Structure of the English Language	
ENGL 53000	Seminar in World Literature	
ENGL 57000	Seminar in American Lit	
French/Spanish		
Three courses selected in conjunction with the faculty adviser		
Mathematics		

MATH 51000	Graduate Seminar in Mathematics Education
MATH 56000	History of Mathematical Ideas
MATH 57000	Connections between Secondary and Advanced Algebra
Biology, Chemistry, Earth Science, and Physics	
BIOL/CHEM/ ENVS 54000/ PHYS 54100	Inquiry and the Nature of Science for the Science Teacher
BIOL/CHEM/ ENVS/PHYS 54100	Science Topics Every Science Teacher Should Know
Select one of the following:	
BIOL/CHEM/ ENVS/PHYS 69800	Education Research for the Science Teacher
Independent research experience in the discipline (e.g., E.g., BIOL 60200, CHEM 69100, or PHYS 69900).	
Social Studies	
HIST 58100	Seminar in European History
HIST 58200	Seminar in Global History
HIST 58300	History Seminar, United States
Total Credits	

33

Additional Requirements

1. All teacher education candidates at Ithaca College must meet the state requirement for college-level study in a language other than English or demonstrate equivalent proficiency. Candidates admitted to the M.A.T. program who have not yet met this requirement must do so prior to completion of the graduate program.
2. Students admitted to the graduate programs in education with outstanding requirements must complete those requirements by the date stipulated in the letter of admission.
3. M.A.T. students must maintain a minimum GPA of 3.0, with grades of B or better in all education courses. A grade of B- does not qualify.
4. EDUC 60000 and EDUC 51210 constitute a full course load during the spring semester, when M.A.T. students complete two student teaching experiences, one in grades 7-9 and the other in grades 10-12. Student teaching is a full-time commitment requiring full days in public schools and additional hours spent in planning, assessment, after-school activities, and a weekly seminar. No additional courses may be taken during this semester nor can teacher candidates participate in any extra-curricular activities that may have the potential to affect time available for teaching and preparation. During the semester of student teaching, M.A.T. students may not play a varsity sport or participate in theatre productions or musical ensembles at the College. Student teaching placements are made within a forty-five mile radius of Ithaca and in our partner schools in New York City's Harlem community; housing and transportation are the responsibility of the teacher candidate.
5. All candidates for initial certification in New York must successfully complete certification exams and performance assessments required by the state for the applicant's intended teaching certificate. Candidates who intend to apply for certification in other states are encouraged to access the websites in those states to determine any additional exams and/or requirements for certification.
6. In lieu of a thesis requirement and/or a comprehensive exam, the M.A.T. program includes the graduation requirement that all students

complete both an electronic professional development portfolio and a teacher inquiry project. The professional portfolio provides evidence that the M.A.T. candidate has met College, state, and national standards for effective teaching, and its preparation begins during the fall semester of the M.A.T. program. The teacher inquiry project is also a yearlong project: the research proposal is developed in the fall, data is collected and analyzed in the spring, and the research paper is written and presented in the final summer semester of the program.

7. The All-College Teacher Education Unit at Ithaca College requires all teacher education students, regardless of program area, to be reviewed at four programmatic transition points during their course of study. Continuation in a teacher education program is contingent upon the student successfully meeting the requirements of each transition point review; therefore, admission into one of the Ithaca College teacher education programs does not guarantee that a student will be allowed to participate in the semester-long student teaching experience or to be a program completer eligible for teaching certification. Students must successfully complete four unit-wide reviews, which occur at the following transition points:
 - a. Admission to the Professional Education Graduate Program,
 - b. Admission to Student Teaching,
 - c. Completion of Student Teaching, and
 - d. Completion of Program.

As part of this unit-wide assessment system, program-specific reviewers assess student progress in meeting the Ithaca College Teacher Education Standards, the New York State Teaching Standards, the IC Teacher Education Professional Qualities and Dispositions, and the standards of the relevant Specialized Professional Association.

8. The graduate chair and the coordinator of teacher education in the area of certification must approve any exceptions to the above requirements.

M.A.T. in Agriculture Education

A total of 36 graduate credits, including a full professional semester of student teaching, is required for completion of the M.A.T. program.

Summary

Code	Title	Credits
Core education and pedagogy courses		27
Discipline-specific courses		9
Total Credits		36

Degree Requirements

Code	Title	Credits
CORE EDUCATION AND PEDAGOGY COURSES		
EDUC 50100	Literacy Development for Linguistically Diverse Learners	3
EDUC 50300	The Exceptional Child and the Classroom	3
EDUC 50000	Professional Development Seminar	0
EDUC 50810	Pedagogy and Practice across the Disciplines	3
EDUC 51010	Pedagogy and Practice for the Science Teacher	3
EDUC 51210	Seminar in Reflective Practice	3

EDUC 56600	Educational Technology for Middle and Secondary Educators	
EDUC 60000	Professional Semester in Education	6
EDUC 60500	Foundations of Language, Literacy, and Culture	3
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
DISCIPLINE-SPECIFIC COURSES		
EDUC 53200	Educational Programs in Agricultural Science	3
EDUC 53500	Youth Leadership and Organizations	3
EDUC 53800	Advanced Concepts in Agricultural Education	3
Total Credits		33

Additional Requirements

1. All teacher education candidates at Ithaca College must meet the state requirement for college-level study in a language other than English or demonstrate equivalent proficiency. Candidates admitted to the M.A.T. program who have not yet met this requirement must do so prior to completion of the graduate program.
2. Students admitted to the graduate programs in education with outstanding requirements must complete those requirements by the date stipulated in the letter of admission.
3. M.A.T. students must maintain a minimum GPA of 3.0, with grades of B or better in all education courses. A grade of B- does not qualify.
4. EDUC 60000 and EDUC 51210 constitute a full course load during the spring semester, when M.A.T. students complete two student teaching experiences, one in grades 7-9 and the other in grades 10-12. Student teaching is a full-time commitment requiring full days in public schools and additional hours spent in planning, assessment, after-school activities, and a weekly seminar. No additional courses may be taken during this semester nor can teacher candidates participate in any extra-curricular activities that may have the potential to affect time available for teaching and preparation. During the semester of student teaching, M.A.T. students may not play a varsity sport or participate in theatre productions or musical ensembles at the College. During student teaching, housing and transportation are the responsibility of the teacher candidate.
5. All candidates for initial certification in New York must successfully complete certification exams and performance assessments required by the state for the applicant's intended teaching certificate. Candidates who intend to apply for certification in other states are encouraged to access the websites in those states to determine any additional exams and/or requirements for certification.
6. In lieu of a thesis requirement and/or a comprehensive exam, the M.A.T. program includes the graduation requirement that all students complete both an electronic professional development portfolio and a teacher inquiry project. The professional portfolio provides evidence that the M.A.T. candidate has met College, state, and national standards for effective teaching, and its preparation begins during the fall semester of the M.A.T. program. The teacher inquiry project is

also a yearlong project: the research proposal is developed in the fall, data is collected and analyzed in the spring, and the research paper is written and presented in the final summer semester of the program.

7. The All-College Teacher Education Unit at Ithaca College requires all teacher education students, regardless of program area, to be reviewed at four programmatic transition points during their course of study. Continuation in a teacher education program is contingent upon the student successfully meeting the requirements of each transition point review; therefore, admission into one of the Ithaca College teacher education programs does not guarantee that a student will be allowed to participate in the semester-long student teaching experience or to be a program completer eligible for teaching certification. Students must successfully complete four unit-wide reviews, which occur at the following transition points:
 - a. Admission to the Professional Education Graduate Program,
 - b. Admission to Student Teaching,
 - c. Completion of Student Teaching, and
 - d. Completion of Program.

As part of this unit-wide assessment system, program-specific reviewers assess student progress in meeting the Ithaca College Teacher Education Standards, the New York State Teaching Standards, the IC Teacher Education Professional Qualities and Dispositions, and the standards of the relevant Specialized Professional Association.

8. The graduate chair and the coordinator of teacher education in the area of certification must approve any exceptions to the above requirements.

M.S. in Childhood Education

This program is designed for candidates seeking *initial* teaching certification in childhood education, grades 1-6, and includes a full professional semester of student teaching.

Summary

Code	Title	Credits
Required Education and Pedagogy Courses		38

Degree Requirements

Code	Title	Credits
EDUC 50000	Professional Development Seminar	0
EDUC 50300	The Exceptional Child and the Classroom	3
EDUC 50100	Literacy Development for Linguistically Diverse Learners	3
EDUC 51210	Seminar in Reflective Practice	3
EDUC 56500	Educational Technology for Childhood Educators	3
EDUC 60000	Professional Semester in Education	6
EDUC 60500	Foundations of Language, Literacy, and Culture	3
EDUC 61000	Teaching and Learning in Diverse Elementary Schools	3
EDUC 62000	Curriculum and Instruction in Elementary School Social Studies	3
EDUC 63000	Curriculum and Instruction in Elementary School Science	3

EDUC 64000	Curriculum and Instruction in Elementary School Mathematics	3
EDUC 65000	Curriculum and Instruction in Elementary School Language Arts and Literacy	3
ART 52500	Integrating Visual Art in the Elementary School Curriculum	1
MUED 65000	Music for Elementary Classroom Teachers	1
EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
Total Credits		38

Additional Requirements

In addition to the course and field experiences required for completion of the graduate program in childhood education, the following are also requirements:

1. All teacher education candidates at Ithaca College must meet the state requirement for college-level study in a language other than English or demonstrate equivalent proficiency. Candidates admitted to the childhood education program who have not yet met this requirement must do so prior to graduation from the program.
2. Students admitted to the graduate programs in education with outstanding requirements must complete those requirements by the date stipulated in the letter of admission.
3. Childhood education students must maintain a minimum GPA of 3.0, with grades of B or better in all education courses. A grade of B- does not qualify.
4. EDUC 60000 and EDUC 51210 constitute a full course load during the spring semester, when M.A.T. students complete two student teaching experiences, one in grades 1-3 and the other in grades 4-6. Student teaching is a full-time commitment requiring full days in public schools and additional hours spent in planning, assessment, after-school activities, and a weekly seminar. No additional courses may be taken during this semester nor can teacher candidates participate in any extra-curricular activities that may have the potential to affect time available for teaching and preparation. During the semester of student teaching, M.A.T. students may not play a varsity sport or participate in theatre productions or musical ensembles at the College. Student teaching placements are made within a forty-five mile radius of Ithaca and in our partner schools in New York City's Harlem community; housing and transportation are the responsibility of the teacher candidate.
5. All candidates for initial certification in New York must successfully complete certification exams and performance assessments required by the state for the applicant's intended teaching certificate. Childhood education students who intend to apply for certification in other states are encouraged to access the websites in those states to determine any additional exams and/or requirements for certification.
6. In lieu of a thesis requirement and/or a comprehensive exam, the childhood education program includes the graduation requirement that all students complete both an electronic professional

development portfolio and a teacher inquiry project. The professional portfolio provides evidence that the childhood education candidate has met College, state, and national standards for effective teaching, and its preparation begins during the fall semester of the childhood education program. The teacher inquiry project is also a yearlong project: the research proposal is developed in the fall, data is collected and analyzed in the spring, and the research paper is written and presented in the final summer semester of the program.

7. The All-College Teacher Education Unit at Ithaca College requires all teacher education students, regardless of program area, to be reviewed at four programmatic transition points during their course of study. Continuation in a teacher education program is contingent upon the student successfully meeting the requirements of each transition point review; therefore, admission into one of the Ithaca College teacher education programs does not guarantee that a student will be allowed to participate in the semester-long student teaching experience or to be a program completer eligible for teaching certification. Students must successfully complete four unit-wide reviews, which occur at the following transition points:
 - a. Admission to the Professional Education Graduate Program,
 - b. Admission to Student Teaching,
 - c. Completion of Student Teaching, and
 - d. Completion of Program.

As part of this unit-wide assessment system, program-specific reviewers assess student progress in meeting the Ithaca College Teacher Education Standards, the New York State Teaching Standards, the IC Teacher Education Professional Qualities and Dispositions, and the standards of the relevant Specialized Professional Association.
8. The graduate chair must approve any exceptions to the above requirements.

Exercise Science and Athletic Training

Paul Geisler, *Professor and Athletic Training Program Director*

Deborah King, *Professor and Graduate Exercise and Sport Sciences Program Chairperson*

Athletic Training, B.S./M.S.

Ithaca College offers an accelerated, dual degree, five-year program that leverages the fourth year as both the final year of the B.S. component in order to earn a B.S. in exercise science pre-athletic training, and the first year of the M.S. in athletic training, simultaneously. Students intending on becoming a certified athletic trainer (ATC) via the Ithaca College professional program in athletic training will enter Ithaca College as exercise science pre-athletic training majors, and complete a four-year B.S. in exercise science pre-athletic training as the sole entry point into the M.S. in athletic training degree program.

For more information, please review the B.S. in Exercise Science Pre-Athletic Training (p. 334) and M.S. in Athletic Training (p. 840) pages in the catalog.

Exercise and Sport Sciences, M.S.

The School of Health Sciences and Human Performance offers a master of science degree program in exercise and sport sciences with concentrations in human performance and mental performance. Thesis and non-thesis plans within these areas allow students to match their

learning experiences to individual academic strengths and career plans. A small student body and knowledgeable, involved faculty enhance program individualization, as does the opportunity for internships.

Program Time Frame

The time it takes to complete the program is dependent on whether the student chooses the thesis or non-thesis plan. The thesis curriculum is completed in two years. The non-thesis curriculum is designed to be completed in 1.5 years (16 months) with coursework over the summer. Some non-thesis students completing internships may elect to take two years; though, internships can be completed with the 1.5 year timeline.

Admission Requirements

Admission to the exercise and sport sciences program is granted on the basis of cumulative undergraduate grade point average (GPA) and letters of recommendation. The Graduate Record Exam (GRE) is optional. To be considered for admission, applicants must have an undergraduate degree from an accredited institution.

Undergraduate preparation is usually in a related field; though, applicants from diverse undergraduate degrees are encouraged to apply. All applicants must have the prerequisite coursework. Prerequisites for the human performance and mental performance concentrations can be found on the prerequisite coursework (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/graduate-programs/exercise-and-sport-sciences/application-requirements/prerequisite-coursework/>) webpage.

Applications are reviewed on an individual basis, taking into account such factors as previous academic achievements, successful professional experience, and special personal circumstances. Applicants who have questions regarding their eligibility for admission are encouraged to contact the chair (essg@ithaca.edu) of the program.

Tuition Expenses

Please visit the graduate admission webpage (<http://www.ithaca.edu/gradadmission/finaid/>) for information regarding current tuition expenses.

Academic Warning and Dismissal

The graduate program in exercise and sport sciences follows the Ithaca College Graduate policies regarding academic warning and academic dismissal. Students on academic warning are not permitted to enroll in thesis, independent research, or independent reading courses.

Academic Advising

The chair of the graduate program in exercise and sport sciences serves as the academic advisor for all students enrolled in the program. Other faculty may serve as advisors for students with special interests. Students writing a thesis select a thesis advisor and committee from among the graduate faculty in exercise and sport sciences.

Pass/Fail Option

All graduate courses, other than Thesis II and Seminar, must be taken for a letter grade. There is no pass/fail option for other graduate courses in exercise and sport sciences.

Graduate Assistantships

A limited number of assistantships are available for full- and half-time matriculated graduate students. The assistantships include a scholarship, which is applied to the tuition bill in the form of a tuition waiver, and a taxable salary for carrying out assigned duties. Application

for a graduate assistantship is done when applying for admission. More information on the application process can be found on the graduate assistantships (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/graduate-programs/exercise-and-sport-sciences/graduate-assistantships/>) webpage.

Students must have an undergraduate cumulative GPA of 3.00 or higher in order to be considered for assistantships. Assistantships are awarded for the first academic year and involve 10-20 hours per week of duties and responsibilities arranged and supervised by a faculty member.

Assistantships are typically available in the wellness clinic as fitness and research specialists; in the anatomy, physiology, kinesiology, biomechanics, exercise physiology, sport psychology, and neuromuscular control laboratories as teaching assistants; and in athletics as certified athletic trainers and strength and conditioning specialists. Not all assistantships are open to all students. Most assistantships require specific undergraduate coursework and/or certifications. About 30 percent of the full-time matriculated graduate students in exercise and sport sciences hold assistantships.

Majors

- Athletic Training - B.S./M.S. (p. 840)
- Exercise and Sport Sciences, Human Performance - M.S. (p. 840)
- Exercise and Sport Sciences, Mental Performance - M.S. (p. 841)

ATEG 50100 Biomedical Foundations of Clinical Science in Athletic Training (NLA)

An evidence-based approach to human tissue injury including normal anatomy & physiology, healing and degenerative processes, acute and chronic injury, exercise and movement, and implications for rehabilitation & restoration. Understanding of the relationships among connective tissues specific to sports injuries, issues of aging, and special populations. Examination of principles essential to clinical assessment strategies including diagnostic imaging, as well as intervention for the rehabilitation and prevention of orthopedic injury and dysfunction. Prerequisites: EXSS 32100; EXSS 41100; EXSS 41200. (F)
3 Credits

ATEG 50200 Acute Care and Emergency Management in Athletic Training (NLA)

Gain an understanding of acute care and emergency situations. Examine the epidemiology and etiology of emergent injuries and illnesses. Learn how to evaluate patients with various conditions such as sudden cardiac arrest, concussion, cervical spine injury, heat illness, and other athletic related trauma. Understand and implement standard of care practices. Develop and apply intervention skills to properly prevent and treat these conditions within a hands-on lab-based setting. Prerequisites: EXSS 41100; EXSS 41200. (F)
4 Credits

ATEG 50300 Clinical Pathoanatomy (NLA)

Advanced human anatomy course emphasizing musculoskeletal structure, function, and injury by extending and deepening prior knowledge using human cadaveric laboratory instruction. In-depth examination of common sports and activity-based injuries will be integrated. Students are expected to apply and implement anatomy, biomechanics, and clinical reasoning to common sports-related injuries. Prerequisites: EXSS 22000; EXSS 32100. (F)
3 Credits

ATEG 50400 Professional Practice in Athletic Training (NLA)

Exploration of the athletic training professional practice. Orientation and implementation of athletic training policies and procedures. Acquire and demonstrate standard documentation procedures, including electronic medical records. Understand and utilize effective healthcare related communication. Skill development and application of taping and wrapping skills. Prerequisites: EXSS 41200. (F)
2 Credits

ATEG 50500 Practicum in Athletic Training I (NLA)

Supervised practical experience in a clinical setting focused on the application of clinical skills acquired in previous and current coursework. Clinical milestones include execution of competencies relative to patient management, acute and emergency care, injury prevention, documentation, and professional behaviors. Prerequisites: EXSS 41200. (F)
3 Credits

ATEG 50600 Assessment of Musculoskeletal Conditions and Injuries (NLA)

In-depth analysis of complete assessment theories, procedures, principles and skills related to the evaluation of upper extremity, spine and lower extremity orthopedic injuries and conditions. Emphasis is placed on clinical reasoning, evidence-informed practice, and the anatomical basis and mechanisms of athletic injuries and conditions common in active populations and athletics. Skill instruction and lab-based practice included to develop essential practical skills germane to orthopedic assessment. Prerequisites: ATEG 50100. (S)
4 Credits

ATEG 50700 Clinical Principles of Medical Science (NLA)

Examine the etiology, pathology, process, diagnosis and treatment of diseases of the human body. Emphasis is placed on the immune, cardiovascular, pulmonary, gastrointestinal, endocrine, renal, urogenital, dermatological systems and their associated disorders and conditions. Analysis of pharmacological interventions and their application will be discussed. Lab activities will enhance clinical skills for assessment of common medical conditions. Prerequisites: ATEG 50100; ATEG 50200. (S)
4 Credits

ATEG 50800 Therapeutic Interventions in Athletic Training I (NLA)

Through integrated didactic and laboratory instruction and practice, students will acquire evidence-based theories and techniques for therapeutic interventions commonly utilized during the "Preparation for Healing" phase in the management of acute and chronic injuries and conditions in active populations and sport. Prerequisites: ATEG 50100. (S)
4 Credits

ATEG 51000 Practicum in Athletic Training II (NLA)

Supervised practical experience in a clinical setting focused on the application of clinical skills acquired in previous and current coursework. Clinical milestones include execution of competencies relative to assessment of musculoskeletal injuries, recognition and care of general medical conditions, selection and application of therapeutic interventions, documentation, and professional behaviors. Prerequisites: ATEG 50500. (S)
3 Credits

ATEG 51100 Clinical Research in Athletic Training I (NLA)

This first of a 3-semester clinical research sequence prepares students to be clinician-scientists by addressing key elements of clinical research in athletic training. Students will initiate a clinical research project.

Prerequisites: EXSS 41100. (U)

2 Credits

ATEG 51500 Clinical Capabilities in Athletic Training (NLA)

Examine various aspects of clinical practice common in active and athletic populations including pharmacology, dermatology, and diagnostic imaging. Identify commonly used medications and differentiate various categories of pharmaceuticals used in athletic training. Explore and gain an understanding of diagnostic imaging techniques and laboratory testing. Describe and identify common dermatological conditions and treatment paradigms. Prerequisites: ATEG 51000. (U)

2 Credits

ATEG 60400 Foundations of Health Care Delivery and Administration (NLA)

Addresses the organization and administration of health care delivery systems specific to athletic training. Emphasis on continual quality improvement, patient and clinical outcomes, payor systems and reimbursement, legal aspects, and operational management.

Prerequisites: ATEG 50400. (S)

3 Credits

ATEG 60500 Practicum in Athletic Training III (NLA)

Supervised practical experience in a clinical setting focused on the application of clinical skills acquired in previous and current coursework. Clinical milestones include execution of advanced competencies relative to clinical care and selection and application of therapeutic interventions, demonstration of evidence based practice, documentation, and professional behaviors. Prerequisites: ATEG 51000. (F)

3 Credits

ATEG 60700 Medical and Health Aspects of Athletic Training Practice (NLA)

Develop and apply clinical skills related to special populations, and the multidimensional aspects of health, wellness, and sport performance.

Prerequisites: ATEG 50700. (S)

2 Credits

ATEG 60800 Therapeutic Interventions in Athletic Training II (NLA)

Acquisition and application of essential theories, skills, and practices for the restoration of function and return to participation will be presented. Evidence-based theories, principles and techniques will be utilized to develop, maintain and/or improve components of functional performance. Emphasis will be placed upon therapeutic reasoning related to the dynamics of skill acquisition and rehabilitation of athletic injuries and conditions. Skill instruction and lab-based practice will be included to develop essential practical skills germane to therapeutic interventions for restoring functional performance and participation in physical activity.

Prerequisites: ATEG 50800. (F)

4 Credits

ATEG 61000 Practicum in Athletic Training IV (NLA)

Supervised practical experience in a clinical setting focused on the application of clinical skills acquired in previous and current coursework. Students will demonstrate increased autonomy and clinical capability across all domains of professional practice, demonstrating professional behaviors and communication. Includes 4 week, full time clinical immersion rotation either on or off campus. Prerequisites: ATEG 60500. (S)

5 Credits

ATEG 61100 Clinical Research in Athletic Training II (NLA)

This second course of a 3-semester clinical research sequence prepares students to be clinician-scientists by addressing key elements of clinical research in athletic training. Students will continue work on a clinical research projects. Prerequisites: ATEG 51100. (F)

2 Credits

ATEG 61200 Clinical Research in Athletic Training III (NLA)

This final course of a 3-semester clinical research sequence prepares students to be clinician-scientists by addressing key elements of clinical research in athletic training. Students will complete work on a clinical research project. Prerequisites: ATEG 61100. (S)

2 Credits

ATEG 61500 Advanced Clinical Capabilities in Athletic Training (NLA)

Apply evidence-based theory and develop techniques concerning the assessment and treatment of the spine and peripheral joints. Formulate and design rehabilitation interventions for athletes and active populations. Prerequisites: ATEG 60500. (S)

2 Credits

ESSG 51200 Theoretical Perspectives of Mental Performance in Sport and Exercise (NLA)

Explains theories, skills, and techniques that impact the description, understanding, and enhancement of mental performance in sport and exercise. Utilizes lecture and cooperative learning strategies to better understand the theoretical perspectives and strategies that influence the mental performances of individual and team sport athletes and coaches.

(F,Y)

3 Credits

ESSG 51300 Applications of Mental Performance in Sport and Exercise (NLA)

Design, create, and deliver educational workshops and performance enhancement programs implementing multiple techniques and strategies. Differentiate and explain specific mental performance perspectives. Apply (in a small group setting) practical skills and strategies for enhancing sport and exercise performances in a cooperative learning and workshop environment. (S,Y)

3 Credits

ESSG 51400 Concepts and Theory of Supportive Relationships in Sport (NLA)

Achieve awareness of diverse student-athletes experiences within sport settings. Contrast student-athlete development models and theories related to effective helping from a coaching perspective. Demonstrate helping concepts such as rapport building, basic listening and communication skills. (F,Y)

3 Credits

ESSG 51500 Effective Team Building

Focuses on an understanding of people and the interpersonal communication and leadership skills necessary for effective and cohesive team development. Stages of group development, barriers to change, and conflict resolution are discussed. (SU)

1 Credit

ESSG 51600 Motivation for Superior Performance

Focuses on an understanding of motivation and its importance to performance. Various motivational approaches are discussed, with emphasis on influencing others toward goal adherence and attainment. (SU)

2 Credits

ESSG 51800 Exercise and Rehabilitation Psychology (NLA)

Focuses on personal factors and theoretical perspectives important to understanding exercise behavior. Topics include the mental health aspects of exercise, the biopsychology of stress and disease, the factors that influence exercise participation and adherence, theories of behavior change, interventions to change physical activity behavior, and the psychological factors related to perceived exertion. Students may not get credit for both ESSG 51800 and EXSS 46500. Graduate students have additional workload and responsibilities. (F, Y)

3 Credits

ESSG 52000 Human Movement Biomechanics of Sport and Exercise (NLA)

Explore kinematic, kinetic, and musculoskeletal concepts at the core of human movement biomechanics. Examine biomechanics of select human movement skills focusing on current topics in running, lifting, jumping, landing and throwing. Experiment with laboratory based equipment to perform and interpret biomechanical analyses of human movements using anthropometry, motion analysis / video, force plates, and electromyography. Apply evidence based decision making to solve case studies and examples. This course requires the skills, knowledge, and experience gained in undergraduate biomechanics. (F,Y)

3 Credits

ESSG 52100 Advanced Study in Exercise Physiology (NLA)

The physiological mechanisms that regulate the body's responses and adaptations to exercise. Special physiological considerations of gender, development and aging, obesity, pregnancy, and environmental stress (e.g., altitude, pollution, extreme temperature) are emphasized. Popular pharmaceutical and dietary manipulations used to enhance exercise performance are discussed. Experimental research in exercise physiology is introduced, and limited laboratory experiences are scheduled during class time. Students may not get credit for both ESSG 52100 and EXSS 42100. Graduate students have additional workload and responsibilities. Prerequisites: One course in exercise physiology. (S,F,Y)

3 Credits

ESSG 53500 Special Populations & Exercise (NLA)

Examines the physiological mechanisms that may be altered in clinical populations, and the impact of these alterations on exercise. An emphasis will be placed on understanding the etiology behind populations who have special considerations, such as people with chronic diseases, pregnant women, and people with physical and mental disabilities, as well as the implications for exercise training. Exploration of these clinical populations will occur through lecture and laboratory activities. Basic physiology and the typical response to exercise is reviewed. This course requires the skills, knowledge, and experience gained in an undergraduate exercise physiology course (or equivalent). (S,Y)

3 Credits

ESSG 53800 Strength and Conditioning: Current Concepts and Applications (NLA)

Examine theoretical underpinnings of recent developments in areas of performance testing and athlete monitoring including technological advancements. Evaluate athlete's slow- and fast-moving strength characteristics using various technologies using objective measures. Create sophisticated program designs incorporating basic and advanced periodization models. Prerequisites: ESSG 52000 and ESSG 54000. (S,Y)

3 Credits

ESSG 54000 Physiological Mechanisms of Exercise (NLA)

Explore the metabolic, muscular, cardiovascular, and pulmonary responses and adaptations to exercise in various environmental conditions and how they are coordinated intrinsically and extrinsically by the body. Measure maximum aerobic and anaerobic power, and body composition. Check the reliability and validity of the measures with basic statistical analyses, including co-efficients of variation, correlations, and inferential statistics. Link various lab measures to lecture topics such as substrate selection and the cardiovascular and pulmonary responses to exercise. This course requires the skills, knowledge, and experience gained in undergraduate exercise physiology course. (F,Y)

3 Credits

ESSG 54200 Physiological Mechanisms of Exercise: Systemic Aspects

Focuses on cardiovascular, pulmonary, thermoregulatory, immunological, and renal aspects of exercise, primarily addressing the physiological responses and adaptations these systems undergo with exercise. Data collection using key pieces of laboratory equipment is integrated into the course. Prerequisites: Undergraduate exercise physiology course. (S, Y)

3 Credits

ESSG 54300 Tests and Measurement and Analytics in Sport and Exercise (NLA)

Perform and explore assessments of physical performance and function including tests and measurements of aerobic capacity, anaerobic power, fatigue, speed / agility, body composition and anthropometry, posture and balance, and physical activity. Evaluate reliability and validity of field / clinical assessments compared to gold standard laboratory based assessments. Analyze, manage, and interpret data to incorporate evidence based decision making in prescribing interventions. Prerequisites: ESSG 52000 and ESSG 54000. (S,Y)

3 Credits

ESSG 54400 Multidimensional Assessment of Physical Function

Team-taught survey of the physical functions that affect performance, physical abilities, and activities of daily living (ADL) in various populations. Musculoskeletal function, coordination and motor skills behavior, and body composition are examined as they influence performance decrements, physical dysfunction, pain, and the ability to perform ADLs. Also examined are evaluations of physical function and alternative approaches to movement training so as to enable appropriate recommendation or referral. Prerequisites: Undergraduate exercise physiology and biomechanics or kinesiology. (F, Y)

3 Credits

ESSG 54500 3D Motion Capture for Human Movement Analysis and Evaluation (NLA)

Utilize 3D Motion Capture system to analyze and evaluate human movement for purposes of improving performance or function. Explore reliability, validity, and limitations to technology as an aid to movement assessment for practitioners and scientists. Perform analyzes, evaluate data, and communicate outcomes in written and oral formats. Prerequisites: ESSG 52000. (IRR)

3 Credits

ESSG 54600 Cardiopulmonary Assessment for Exercise

Techniques for assessment of cardiovascular and pulmonary disease as well as functional capacity in these conditions. Emphasis is placed on electrocardiography and maximal grades exercise testing. Other diagnostic techniques (e.g., echocardiography, nuclear imaging) are also presented. Discussion of the impact of assessment information and medications on appropriate exercise prescriptions. Material will help in meeting requirements for certification by outside agencies (e.g., ACSM). Credit may not be received for both this course and EXSS 46400. Graduate students have additional workload and responsibilities. (F,Y) 3 Credits

ESSG 54800 Pathophysiology, Limited Capacity, and Exercise

Study of the pathophysiology of disease and disabling states, the assessment of exercise potential, and the special considerations for the prescription of exercise in these cases. Cardiac and pulmonary rehabilitation and diabetic and special considerations for aging are discussed. Renal disease, osteoporosis, arthritis, brain disorders (e.g., Parkinson's), low back pain, chronic fatigue, multiple sclerosis, and depression are also addressed. Material will help in meeting requirements for certification by outside agencies (e.g., ACSM). Credit may not be received for both this course and EXSS 44800. Graduate students have additional workload and responsibilities. (S, Y) 3 Credits

ESSG 60100 Evidence Based Sport and Exercise Psychology (NLA)

Prepares students for evidence based practice in sport and exercise psychology. The evaluative approach to appraising the research literature will prepare the students to judge evidence on: 1) accuracy and validity of measures for the evaluation of change; 2) monitoring effectiveness of sport psychology interventions; 3) reporting of effectiveness and evaluation of practice in performance planning. Based on case scenarios, students will be required to formulate the key question(s), rapidly search literature databases, perform a critical appraisal of the evidence, and describe application of the evidence in a sport and exercise psychology context to develop the skills necessary to implement evidence-based practice in their careers. Prerequisites: ESSG 51200; ESSG 51300. (U,Y) 3 Credits

ESSG 60200 Diversity in Sport and Exercise (NLA)

Develop the foundation and skills needed for engagement as competent and culturally alert persons entering sport and exercise related professions. Explore issues and trends related to culture, such as ethnicity, race, nationality, gender, sexual orientation abilities/disabilities, immigrant dynamics, and socioeconomic factors which influence working relationships and sport and exercise performances. Engage in self-exploration around your own cultural/race identity and your responses to issues of diversity including bias, oppression, discrimination and the role of privilege. Prerequisites: ESSG 51400. (U,Y) 3 Credits

ESSG 60500 The Development of Expertise in Sport and Exercise (NLA)

Explore the neuropsychology of the development of expertise in sports and motor skills. Explain factors influencing adaptations in central and peripheral neurophysiology, including mindset, training principles, and practice conditions. Contrast approaches to short- and long-term development for healthy and injured athletes from the perspective of athlete and coach. Prerequisites: Two ESSG 500-level courses. (F,Y) 3 Credits

ESSG 61000 Research and Statistics in Exercise and Sport Sciences I (NLA)

Engage in empirical thinking and inquiry in health, exercise and sport sciences. Expand existing knowledge in quantitative literacy and research methodology for graduate education. Develop advanced skills for understanding, conducting, evaluating, using, and communicating research and evidence-based decision making in exercise and sport sciences. (F,Y) 3 Credits

ESSG 61100 Research and Statistics in Exercise and Sport Sciences II (NLA)

Critique advanced research designs in exercise science and conduct advanced statistical analyses. Examine relationships between research questions, research designs and statistical techniques. Design an independent research project covering all stages of the research process (e.g., literature searches, finding a research questions, choosing a research design, data collection and interpretation, identifying limitations, and academic dissemination). This course prepares the student for thesis 1 and independent research. (S,Y) 3 Credits

ESSG 61200 Leadership in Exercise and Sport (NLA)

Examines the importance of developing effective individual, team, and corporate sport leadership. Emphasis is placed on assessing and enhancing leadership qualities, developing strategies for building influential and effective leadership personnel, mentoring (identifying, nurturing, and equipping) leaders, and understanding situational, transformational, charismatic, and servant leadership. Material is presented via small group, seminar, lecture, and student-taught workshop and student-based (cooperative learning) discussion formats. (F,Y) 3 Credits

ESSG 61400 Ethics & Professional Issues in Mental Performance and Coaching (NLA)

Identify and describe ethical concerns and professional issues in mental performance and coaching. Contrast different professional roles in mental performance and coaching. Evaluate competency and training/accreditation standards with specific emphasis on certification requirements (e.g. CMPC, CSCS). Appraise ethics code guidelines of professional organizations (e.g. AASP, SHAPE, ACSM) relevant to sport and exercise settings. Defend ethical responsibilities associated with testing, measurement, and research/evaluation practices. (S,Y) 3 Credits

ESSG 61600 Advanced Communication and Facilitation Skills in Sport and Exercise (NLA)

Appraise advanced communication and facilitation skills for use in sport and exercise settings. Analyze theory and research evidence behind effective communication and facilitative skills. Demonstrate advanced communication and facilitative skills through various structured course discussions of case studies and exercises. Prerequisite: ESSG 51400. (U,Y) 3 Credits

ESSG 61800 Theories and Issues in Performance Enhancement in Sport and Exercise (NLA)

Compare and contrast theories and research related to enhancing mental performance in sport and exercise. Develop programs grounded in theory and based on evidence for mental performance programming and defend programming plans. Observe and critique mental performance training and programming sessions in sport, exercise and performance-based settings. Prerequisites: ESSG 51200; ESSG 51400; ESSG 51300; ESSG 61400. (F,Y) 3 Credits

ESSG 61900 Sport and Exercise Psychology Practicum II (NLA)

Provides and expands on the consulting experience of delivering mental training services in sport and exercise settings started in Sport Psychology Practicum I. Emphasis will be placed on the continued application of advanced theories and the practice of behavior change in sport and exercise, while simultaneously engaged in CMPC mentored independent work in real life sport, exercise and performance based settings. Both individual and group (team) interventions will be mentored/supervised and evaluated. May be repeated for a total of no more than six credits. Prerequisites: ESSG 61800. (F,S)

1-6 Credits

ESSG 62000 Thesis I

Open only to qualified and preapproved students who are preparing a proposal for an original scholarly thesis. Conducted on a conference basis with the thesis adviser, the course culminates in a thesis proposal. The thesis proposal must gain approval of the thesis adviser, thesis committee, and the graduate chair. Guidelines are available from the office of the graduate chair. The completed thesis must gain departmental and graduate office approval. Required for thesis plan. 3 Credits

ESSG 62100 Thesis II

Open only to qualified and preapproved students who are continuing to work on a scholarly thesis. Conducted on a conference basis with the thesis adviser. Guidelines are available from the office of the graduate chair. The completed thesis must gain approval of the thesis adviser, graduate chair, and the graduate dean. Pass/fail only. Required for thesis plan. Prerequisites: ESSG 62000 and approval of thesis adviser and graduate chair. This includes one to three credits repeated for a required total of three credits of ESSG 62100.

1-3 Credits

ESSG 62500 Applied Capstone in Exercise and Sport Science (NLA)

Integrate the Exercise Science (ES) support process into practice through the application of knowledge, skills and abilities developed throughout the Human Performance concentration completing a case study. Conduct a comprehensive needs analysis on a real-world client / athlete. Prepare and present an evidence-based training plan grounded in theory and addressing holistic needs and values of clients. Defend decisions and showcase your skills as safe, effective and ethical practitioners. Prerequisites: ESSG 53800. (Y)

3 Credits

ESSG 63000 Independent Research

Student works in close cooperation with a graduate faculty member in a self-directed study, problem solving, or research investigation. Topic, proposal, and a design statement must be approved in advance by the sponsoring professor and graduate chair. This includes one to three credits per course that may be repeated for a total of no more than six credits of independent study courses (ESSG 63000 and ESSG 63100). (W,SU)

1-3 Credits

ESSG 63100 Independent Reading

Reading in the field, arranged between the student and a sponsoring graduate faculty member. Topic, proposal, and a design statement must be approved in advance by the sponsoring professor and graduate chair. This includes one to three credits per course that may be repeated for a total of no more than six credits of independent study courses (ESSG 63000 and ESSG 63100). (W,SU)

1-3 Credits

ESSG 63200-63201 Group Research (NLA)

Group participation in a research project. Small groups of students, under the direction of a faculty adviser, engage in the research process, from literature review, proposal development, submission of human subjects' review documents, data collection, data analysis, and presentation of the data. (IRR)

1-3 Credits

ESSG 64000 Seminar

In-depth seminar on particular topics associated with academic concentrations offered in exercise and sport sciences. Students explore and critically examine current readings, philosophies, theories, and/or practices associated with a given topic and discuss potential applications of these concepts to actual or simulated situations. Students may present research findings, thesis proposals, or thesis defenses. Students must pass two semesters of this zero-credit seminar. Pass/fail only. (F, S)

0 Credit

ESSG 64500 Psychophysiology of Exercise and Sport (NLA)

Examines the interaction between psychological states and physiological function, particularly within the realm of exercise and sport. Specific topics include neurohormonal and physiological correlates of disordered eating behaviors, body image, perceived exertion, aggression, stress responses, overtraining, and other behaviors. The way exercise works as a mind-body medicine modality, including mental health and maintenance of cognitive function, is examined. Cognitive states, including arousal and intentionality, are examined as they influence physiological adaptations made during training. (W)

3 Credits

ESSG 64800 Strength and Conditioning: Theories, Mechanisms, and Applications (NLA)

Evidence-based presentation and discussion of methods practiced for improvement of strength and conditioning. Enhancement of athletic performance through new or accepted strength and conditioning techniques will be emphasized, though rehabilitative issues may also be addressed. Prerequisite: One course in exercise physiology. (Sum)

3 Credits

ESSG 66000 Internship

Supervised work experience in an agency related to the student's concentration in the master's degree program. Approval and support of a graduate faculty sponsor and the graduate chair are required, and prerequisite coursework may be needed. One to three credits, for a total of three credits. May be repeated for a total of no more than six credits. (F, S, SU)

1-3 Credits

ESSG 69900 Selected Seminars

Advanced courses on particular topics associated with academic concentrations offered in the exercise and sport sciences programs. Courses are offered at irregular intervals on topics chosen by faculty members or resulting from student requests. Course may be repeated for credit for selected topics on different subjects. Prerequisite: Permission of instructor. (IRR)

1-3 Credits

ESSG 74200 Advanced Techniques of Athletic Training

Consideration of the prevention, management, and rehabilitation of sports injuries. Essential concepts include anatomical basis of common injuries, injury assessment, and principles of therapeutic exercise for areas often injured. Laboratory time is included. Prerequisite: EXSS 24700 or equivalent, or permission of instructor. (SU)

3 Credits

Athletic Training - B.S./M.S.

Ithaca College offers an accelerated, combined B.S./M.S. dual degree curriculum in a 5-year program that results in students earning both the B.S. in Exercise Science, Pre-Athletic Training and the M.S. in Athletic Training. Students intending to become certified athletic trainers (ATC) via the Ithaca College professional program in athletic training will enter Ithaca College as Dual Degree majors in the B.S. in Exercise Science, Pre-Athletic Training/M.S. in Athletic Training program as the sole entry point into the five-year professional program. Graduates of the dual degree program will be eligible to take the Board of Certification for the Athletic Trainer examination as required by New York State and to apply for professional licensure/certification.

The following degrees are combined to comprise this dual degree program.

B.S., Exercise Science, Pre-Athletic Training (Undergraduate)

Exercise Science Pre-Athletic Training majors must successfully complete all required courses, maintain a 3.0 GPA, and meet all professional program expectations (see Special Academic Status Policy) in order to matriculate into the professional phase of the dual degree and to continue in the program. Students who do not meet the expectations for admission to the professional phase of the dual degree program will be advised into other majors.

The fourth year of study will include the final year of undergraduate coursework and the first year of the professional/graduate-level coursework phase of the program. The B.S. portion of the program is completed after four years of study in the five-year combined B.S. Exercise Science, Pre-Athletic Training/ M.S. Athletic Training program and does not provide eligibility for licensure/certification as an athletic trainer.

M.S., Athletic Training (Graduate/Professional)

During the fourth year of the dual degree program, students enter the professional phase of study and will continue into a final full graduate year of study, year 5, consisting of summer, fall and spring semesters including a 4-week full time clinical immersion experience (spring), and an intensive clinical research component. Students completing the full dual degree program will receive a B.S. in Exercise Science, Pre-Athletic Training, an M.S. in Athletic Training, and will be eligible to take the national certification examination from the Board of Certification for the Athletic Trainer.

Degree Requirements

Code	Title	Credits
ATEG 50100	Biomedical Foundations of Clinical Science in Athletic Training	3
ATEG 50200	Acute Care and Emergency Management in Athletic Training	4
ATEG 50300	Clinical Pathoanatomy	3
ATEG 50400	Professional Practice in Athletic Training	2
ATEG 50500	Practicum in Athletic Training I	3
ATEG 50600	Assessment of Musculoskeletal Conditions and Injuries	4
ATEG 50700	Clinical Principles of Medical Science	4
ATEG 50800	Therapeutic Interventions in Athletic Training I	4

ATEG 51000	Practicum in Athletic Training II	3
ATEG 51100	Clinical Research in Athletic Training I	2
ATEG 51500	Clinical Capabilities in Athletic Training	2
ESSG 52100	Advanced Study in Exercise Physiology	3
ATEG 60400	Foundations of Health Care Delivery and Administration	3
ATEG 60500	Practicum in Athletic Training III	3
ATEG 60700	Medical and Health Aspects of Athletic Training Practice	2
ATEG 60800	Therapeutic Interventions in Athletic Training II	4
ATEG 61000	Practicum in Athletic Training IV	5
ATEG 61100	Clinical Research in Athletic Training II	2
ATEG 61200	Clinical Research in Athletic Training III	2
ATEG 61500	Advanced Clinical Capabilities in Athletic Training	2
Total Credits		60

Courses within the B.S. Exercise Pre-Athletic Training phase of the B.S./M.S. Program (p. 334)

Exercise and Sport Sciences, Human Performance - M.S.

Exercise and Sport Sciences – Master of Science Degree, concentration in Human Performance

The Master of Science degree in Exercise and Sport Sciences with a concentration in Human Performance provides a multidisciplinary approach to the study of exercise and sport science. Foundational classes in biomechanics, exercise physiology, motor behavior, and sport psychology are integrated with experiences designed to develop students' ability to work with data and use evidence to make decisions and inform practice. Coursework in strength and conditioning and special populations allow students to enhance their applied knowledge across varied populations such as collegiate athletes and people with disabilities. The human performance concentration aims to develop a well-rounded exercise and sport scientist with knowledge, skills, and abilities to work in applied fields such as strength and conditioning, exercise prescription, and clinical research, or to pursue advanced study. The human performance concentration can be completed with a thesis or without a thesis.

Thesis Option. The thesis option is 30 credits which includes a 6-credit thesis—an independent research project under supervision of Exercise and Sport Science faculty. A thesis allows students to work closely with a faculty member to advance their knowledge in a specialized area. Both theoretical and applied research are encouraged. Completing a thesis is also an important first step towards advanced study in exercise and sport sciences such as in a Ph.D. program. The completed thesis must receive the approval of the thesis committee, the graduate program chair, and the dean of Health Sciences and Human Performance.

Non-Thesis Option. The non-thesis option is 36 credits which includes a 3-credit capstone experience for which students provide scientific support services to a client / athlete working under the supervision of Exercise and Sport Science faculty. Students conduct a comprehensive needs analysis and create an evidence-based intervention that addresses the holistic needs of their client / athlete. The capstone experience requires an oral defense which serves as the comprehensive exam for the non-

thesis option. The non-thesis option is designed to be completed in 16 months and is ideal for students aiming to enhance their applied experiences in exercise and sport sciences services and careers.

Prerequisites

The prerequisites for the human performance concentration are a course each in anatomy and physiology, biomechanics or kinesiology with a laboratory experience, exercise physiology with a laboratory experience, a course in psychology, and statistics or tests and measurements.

Summary

Code	Title	Credits
	Human Performance Major Requirements	18
	Thesis or Non Thesis	12 or 18
	Total Credits	30 or 36

Major Requirements

Code	Title	Credits
Required Courses		
ESSG 51200	Theoretical Perspectives of Mental Performance in Sport and Exercise	3
ESSG 52000	Human Movement Biomechanics of Sport and Exercise	3
ESSG 54300	Tests and Measurement and Analytics in Sport and Exercise	3
ESSG 54000	Physiological Mechanisms of Exercise	3
ESSG 60500	The Development of Expertise in Sport and Exercise	3
ESSG 61000	Research and Statistics in Exercise and Sport Sciences I	3
ESSG 64000	Seminar ¹	0
	Total Credits	18

¹ Taken for 0 credits in both Fall and Spring semesters of the first year

Thesis Option Requirements

Code	Title	Credits
Thesis Option		
ESSG 61100	Research and Statistics in Exercise and Sport Sciences II	3
ESSG 62000	Thesis I	3
ESSG 62100	Thesis II	3
ESSG XXXXX Electives		3
	Total Credits	12

Non-Thesis Option Requirements

Code	Title	Credits
Non-Thesis Option		
ESSG 53500	Special Populations & Exercise	3
ESSG 53800	Strength and Conditioning: Current Concepts and Applications	3
ESSG 61200	Leadership in Exercise and Sport	3
ESSG 62500	Applied Capstone in Exercise and Sport Science	3

ESSG XXXXX Electives	6
Total Credits	18

Exercise and Sport Sciences, Mental Performance - M.S.

Exercise and Sport Sciences – Master of Science Degree, concentration in Mental Performance

The Master of Science degree in Exercise and Sport Sciences with a concentration in Mental Performance focuses on the mental performance aspect of sport and exercise. The concentration is designed with flexibility and breadth targeting diverse careers paths such as 1) students preparing for careers in athletic training, strength & conditioning, fitness, wellness, and health care and 2) students preparing for further doctoral studies and careers related to mental performance.

Students complete a core group of courses in mental performance, helping, skills, and ethics. Combined with electives and / or restricted elective groupings presented in two tracks: 1) leadership, motivation and team building, and 2) diversity and advanced communication, students are able to chart a unique path and complete optional internships with professionals/organizations while obtaining foundational knowledge and skills. The curriculum allows students to prepare for certification as a mental performance professional. The mental performance concentration can be completed with a thesis or without a thesis.

Thesis Option. The thesis option is 30 credits which includes a 6-credit thesis—an independent research project under supervision of Exercise and Sport Science faculty. A thesis allows students to work closely with a faculty member to advance their knowledge in a specialized topic. Both theoretical and applied research are encouraged. Completing a thesis is also an important first step towards advanced study in exercise and sport sciences such as a Ph.D. program. The completed thesis must receive the approval of the thesis committee, the graduate program chair, and the dean of Health Sciences and Human Performance.

Non-Thesis Option. The non-thesis option is 36 credits culminating with a written comprehensive examination. The non-thesis option requires students to select one of two tracks based on their career aspirations.

The non-thesis option is purposefully designed with 12 credits of electives to allow students to customize their study and take advantage of internships and additional course work / experiences to prepare for certifications and specific career goals. The non-thesis option is designed to be completed in 16 months and is ideal for students aiming to enhance their applied experiences in mental performance or prepare for a career as a mental performance consultant.

Prerequisites

The prerequisites for the mental performance concentration are 3 courses in psychology, sport psychology, counseling, sport sociology or similar and 1 course in statistics or tests and measurements.

Summary

Code	Title	Credits
	Mental Performance Major Requirements	15
	Thesis or Non Thesis	15 or 21
	Total Credits	30 or 36

Required Courses

Code	Title	Credits
Required Courses		
ESSG 51200	Theoretical Perspectives of Mental Performance in Sport and Exercise	3
ESSG 51300	Applications of Mental Performance in Sport and Exercise	3
ESSG 51400	Concepts and Theory of Supportive Relationships in Sport	3
ESSG 61000	Research and Statistics in Exercise and Sport Sciences I	3
ESSG 61400	Ethics & Professional Issues in Mental Performance and Coaching	3
ESSG 64000	Seminar ¹	0
Total Credits		15

¹ Taken for 0 credits in both Fall and Spring semesters of the first year

Thesis Option

Code	Title	Credits
Thesis Option		
ESSG 61100	Research and Statistics in Exercise and Sport Sciences II	3
ESSG 62000	Thesis I	3
ESSG 62100	Thesis II	3
ESSG XXXXX Electives		6
Total Credits		15

Non-Thesis Option

Track 1

Code	Title	Credits
ESSG 51500	Effective Team Building	1
ESSG 51600	Motivation for Superior Performance	2
ESSG 60500	The Development of Expertise in Sport and Exercise	3
ESSG 61200	Leadership in Exercise and Sport	3
ESSG XXXXX Electives		12
Total Credits		21

Track 2

Code	Title	Credits
ESSG 60200	Diversity in Sport and Exercise	3
ESSG 61600	Advanced Communication and Facilitation Skills in Sport and Exercise	3
ESSG 61800	Theories and Issues in Performance Enhancement in Sport and Exercise	3
ESSG XXXXX Electives		12
Total Credits		21

Music

Graduate Study in Music

Les Black, *Chair of Graduate Studies and Curricular Advisor*

• lblack@ithaca.edu

Bradley Whittemore, *Director of Music Admission and Admission and Audition Advisor*

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The School of Music educates prospective teachers in a program designed to develop persons of professional competence.

Two graduate programs leading to the master's degree are offered: the master of music or master of science in music education. Each program requires 30 credits, typically completed across three summers. Students completing their entire program at Ithaca College enter the MM program. The MS requires 6 credits of graduate level education credits in a field other than music. These credits need to be transferred in from another institution. Both degrees may be pursued on a part-time basis and are only offered during the summer. Once a student matriculates, they have 6 years to complete their program of study.

Admission and Audition Requirements

Students applying for the MM or MS in Music Education are not required to perform an audition on their instrument unless they wish to have private lessons during the summer session. Auditions may be done in person at our auditions days, or a recorded performance may be uploaded as part of the application.

Good Academic Standing, Academic Warning, Dismissal

Graduate students in the School of Music must maintain a GPA above 3.0. A cumulative GPA below 3.0 will result in a student being placed on Academic Warning. Two consecutive semester below a cumulative 3.0 GPA will result in dismissal from the program. In addition, any student receiving more than 3 credits of F, or more than 6 credits of F and C will be dismissed from the program. A final cumulative GPA of 3.0 or higher is required to graduate.

Comprehensive Examinations

All students must pass a final oral examination as a capstone of their Process-folio and Presentation sequence of courses. Additionally, students are required to pass comprehensive exams in music theory, music history, and sight-singing. All written exams are given four times per year; the oral exam is taken at the end of the course of study, and the sight-singing exam is taken by arrangement. Sample exams and exam outlines are available online.

Tuition Expenses

Tuition for all music degrees has been set at \$919 per credit for the 2021-2022 academic year.

Curricular Information for All Degrees

Course Prefixes and Numbering System

Course numbers consist of a prefix designating the school and department or area in which the course is offered, and a five-digit number

that identifies the specific course. The first of the five-digit group is the level of a course.

- Level-five courses are graduate courses in which qualified seniors may enroll under certain circumstances. For more information, see the following: Ithaca College Undergraduate Catalog
- Level-six courses are for graduate students only.
- Level-seven courses are graduate-level workshops.

Graduate students may take courses at level five, level six, and level seven. At least 50 percent of the degree coursework must be at level six or above. A maximum of 5 workshop credits (level-seven courses) may be used toward graduation.

Pass/Fail Option

Only graduate workshops may be taken for credit on a pass/fail basis.

Level-5 Courses

Courses at level 5 are graduate courses that may also be taken by qualified seniors. Graduate students will fulfill additional expectations as set forth by individual professors in these courses.

Performance Study

Each credit of private instruction involves one-half hour of instruction per week, based on a 15-week semester. Thus, within the condensed summer session, students will receive 7.5 hours of instruction across the 5-week semester. It is possible to have lessons spread out over a longer period of time if both the student and instructor are available before and/or after the session. There is an additional 1-credit performance study fee for each credit of performance study taken during the summer session.

The performance or graduate chair assigns instructors to music students. Students contact their performance teachers before the beginning of classes to arrange their private lesson schedules.

Ensembles

The summer schedule usually includes at least one ensemble. Students are encouraged to take part, and may take ensembles for zero credits.

Majors

- Composition M.M. (p. 851)
- Conducting M.M. (p. 851)
- Music Education (M.M. or M.S.) (p. 852)
- Performance M.M. (p. 852)
- Suzuki Pedagogy M.M. (p. 853)

MUED 50100 Advanced Choral Conducting (NLA)

Study of conducting choral music with a variety of styles and interpretive techniques. Students have the opportunity to conduct several visiting high school or college choirs during class sessions. (B,F,Y)
2 Credits

MUED 50200 Advanced Instrumental Conducting

Studies and practices aimed toward the improved clarity of basic stick technique through the use of unequal motions (rhythmic and melodic). Practical exploration of rehearsal techniques with an emphasis on clarity and efficiency in solving problems of balance, ensemble, intonation, and phrasing.
2 Credits

MUED 54000 Materials and Rehearsal Techniques for the Public School Wind Band

An in-depth investigation of principles and procedures for developing the public school wind band, including the study and evaluation of materials appropriate for teaching elementary, junior high, and senior high school band. Included is the examination of method books, instructional materials, and music for wind band.

2 Credits

MUED 54100 Choral Rehearsal and Vocal Techniques

Study, through lectures, class discussions, and student conducting, of basic principles and procedures in developing the choral ensemble and choral literature for various ensemble levels. Considerable attention is devoted to the care and teaching of the adolescent voice, both in the solo and the ensemble situation.

2 Credits

MUED 54200 Materials and Rehearsal Techniques for the School Orchestra

An investigation of principles and procedures for developing the public school orchestra, including the study and evaluation of materials appropriate for teaching elementary, junior high, and senior high school orchestra, as well as large group lessons. Included is the examination of method books, instructional materials, and music for orchestra. (Sum, IRR)

2 Credits

MUED 54900 Marching Band Techniques

A study of techniques employed by high school and college marching bands, including arranging fundamentals and charting procedures. Each student is required to chart an entire field band show. Extensive use is made of film and videotape.

2 Credits

MUED 57100 Suzuki Seminar I

An in-depth study of the philosophy, psychology, and pedagogy of the Suzuki method. An in-depth study of the Suzuki repertoire contained in the Suzuki Association of the Americas (SAA) foundation unit, and units I and II with emphasis on both the pedagogical understanding and the performance skills of the pieces. A special study is made of techniques needed to teach preschool children.

3 Credits

MUED 57200 Suzuki Seminar II

Continuation of Suzuki Seminar I with emphasis on the repertoire and pedagogy continued in the SAA units III and IV. An analysis of how Shinichi Suzuki's approach to the technique fits into the broader historical development of instrument technique.

3 Credits

MUED 59400 Multicultural Perspectives in Music Education

An in-depth investigation of world musics, including inherent cultural values and identities, with a focus on American public school curricula and pedagogies.

2-3 Credits

MUED 60100 Teaching Music in Higher Education (NLA)

Designed for graduate students in programs that will likely lead to careers in higher education. Topics include: designing and organizing music courses (applied music as well as academic classes); research-based strategies for meeting the developmental needs of the undergraduate student; and growth in personal teaching practice through reflection. (F)

2-3 Credits

MUED 60101 Teaching Music in Higher Education I (NLA)

Designed for graduate students in programs that will likely lead to careers in higher education. Topics include: designing and organizing music courses (applied music as well as academic classes); research-based strategies for meeting the developmental needs of the undergraduate student; and growth in personal teaching practice through reflection.

1 Credit

MUED 60200 Teaching Music in Higher Education II (NLA)

Designed for graduate students in programs that will likely lead to careers in higher education. Topics include: designing and organizing music courses (applied music as well as academic classes); research-based strategies for meeting the developmental needs of the undergraduate student; and growth in personal teaching practice through reflection.

1 Credit

MUED 60300 Teaching Music in Higher Education III (NLA)

Designed for graduate students in programs that will likely lead to careers in higher education. Topics include: designing and organizing music courses (applied music as well as academic classes); research-based strategies for meeting the developmental needs of the undergraduate student; and growth in personal teaching practice through reflection.

1 Credit

MUED 61000 Advanced Instrumental Techniques: Woodwinds

Intensive review of techniques for playing and teaching woodwind instruments – flute, oboe, clarinet, saxophone, and bassoon. Pedagogical approaches and materials for teaching beginning through high school players, developing audiation skills, embouchure, range, endurance, flexibility, technique, breath control, and articulation, as well as equipment and literature choice. Strong emphasis is placed on playing as well as teaching these instruments.

2 Credits

MUED 61100 Advanced Instrumental Techniques: Brass

Intensive review of techniques for playing and teaching brass instruments – trumpet, horn, trombone, euphonium, and tuba. Pedagogical approaches and materials for teaching beginning through high school players, developing audiation skills, embouchure, range, endurance, flexibility, technique, breath control, and articulation, as well as equipment and literature choice. Strong emphasis is placed on playing as well as teaching these instruments.

2 Credits

MUED 61200 Advanced Instrumental Techniques: Concert Percussion

Intensive review of techniques for playing and teaching percussion instruments – snare drum, keyboard percussion, timpani, drum set and hand drums. Pedagogical approaches and materials for teaching beginning through high school players, developing audiation skills, embouchure, range, endurance, flexibility, technique, breath control, and articulation, as well as equipment and literature choice. Strong emphasis is placed on playing as well as teaching these instruments.

1 Credit

MUED 61300 Advanced Instrumental Techniques: Strings

Advancing skills for playing and teaching string instruments of the violin-family – violin, viola, cello, and double bass. Presented are pedagogical approaches and materials for teaching beginning through high school players. Special attention is paid to developing posture, bowing, tuning, shifting, and vibrato skills, as well as to equipment and literature choices and to understanding similarities and differences between the instruments. Strong emphasis is placed on playing as well as teaching these instruments.

2 Credits

MUED 61400 Advanced Instrumental Techniques: Voice

Examines multiple views of working with student voices of all ages (elementary through high school) in order to further their success in singing. Participants will learn advanced vocal production and pedagogy techniques to assist in their own growth as well.

2 Credits

MUED 61500 Advanced Instrumental Techniques: Popular Music Instruments

Explores culturally inclusive musical repertoire and instrumentation through learning to play and teach guitar, bass, keyboard and drum set. Blends contemporary instrumental music making in a way that embraces a diverse array of pedagogies including scaffolding, facilitation, approximation and student-centered democratic processes. Through teacher-led demonstration as well as student-centered exploration, participants migrate along the binary of formal and informal through integrated instrumental musical performance, improvisation and composition opportunities. No prior experience with popular music or popular music instruments is required.

2 Credits

MUED 61600 Advanced Instrumental Techniques: Classroom Instruments

Hands-on work with all types of pitch (e.g. xylophone, ukulele) and non-pitch classroom instruments. Performance skills for the teacher as well as creative lesson planning (e.g. creating Orffestrations, assessment of musical skills, and opportunities for student musicianship) will be explored.

1 Credit

MUED 61700 Advanced Instrumental Techniques: Conducting

Studies and practices aimed toward the improved clarity of basic baton technique. Practical exploration of rehearsal techniques with an emphasis on clarity and efficiency in solving problems of balance, ensemble, intonation, and phrasing. Conducting will be approached through the perspective of musical artistry and expression by both the conductor and the ensemble.

2 Credits

MUED 61800 Advanced Instrumental Techniques: Music Technology

Techniques and strategies for teaching music with technology and performing music on computers and iPads. The material covered will provide basic skills in utilizing technology to support music learning and performance. The musical and pedagogical approaches are geared towards both traditional and non-traditional music learners of all ages in ensemble and general music contexts.

1 Credit

MUED 62800 Early Music Performance Practice Ensemble

Ensemble experience and exposure to early music literature. Several concerts are scheduled each semester. Class meeting: Two hours per week. (S)

0-1 Credits

MUED 63300-63400 Choral Conducting

1-2 Credits

MUED 63500-63600 Instrumental Conducting

1-2 Credits

MUED 65000 Music for Elementary Classroom Teachers

This course focuses on using music in the elementary school classroom. Topics include cross-curricular use of music, repertoire, and materials for appropriate grade levels. (U)

Attributes: TE

1 Credit

MUED 65200 Process-folio and Presentation 1: Seminar (NLA)

Introductory instruction that leads to independent work required in P&P II and P&P III. Study includes the development of a process-product portfolio and a detailed investigation of personal pedagogical beliefs and practices based on coursework and teaching experience. Prerequisites: For matriculated music education graduate students, to be taken concurrently with MUTH 65200.

1 Credit

MUED 65400 Process-Folio and Presentation 2 (NLA)

An independent planning, analysis, and reflective project facilitated by a member of the graduate music education faculty. Study includes the development of a process-product portfolio and a detailed investigation of personal pedagogical beliefs and practices based on the student's graduate music education coursework and teaching experience. P&P 2 will focus primarily on the process-folio. Prerequisites: For matriculated music education graduate students, to be taken concurrently with MUED 68000.

Attributes: TE

1 Credit

MUED 65500 Process-Folio and Presentation 3 (NLA)

A continuation of the project started in MUED 65400, leading to a final presentation. Further development of a process-product portfolio and a detailed investigation of personal pedagogical beliefs and practices based on the student's graduate music education coursework and teaching experience. P&P 3 will primarily focus on the presentation with additional guidance on completing the process-folio. Prerequisites: For matriculated music education graduate students, to be taken concurrently with MUED 68200.

Attributes: TE

1 Credit

MUED 67300 Suzuki Practicum I

A practical application of the techniques learned in Suzuki Seminars I and II in a "live" private school situation. Prerequisite MUED 57100, MUED 57200, MUED 75000. (F).

3 Credits

MUED 67400 Suzuki Practicum II

A practical application of the techniques learned in Suzuki Seminars I and II in a "live" private school situation. Prerequisite MUED 57100, MUED 57200, MUED 75000, MUED 67300. (S).

3 Credits

MUED 68000 Psychology of Music Teaching

An investigation and discussion of current theories of learning as they relate specifically to the teaching of music. This course includes the study of specific teaching strategies, research techniques, tests and measurements, and the nature of musical response. Prerequisites: MUTH 65200.

Attributes: TE

3 Credits

MUED 68200 Seminar in Music Education

Research, presentation, and discussion of papers on topics of concern to music education. Topics include special music teaching techniques and philosophy, curricular developments, current research, and educational policy. Prerequisite: MUED 68000 or permission of instructor.

Attributes: TE

3 Credits

MUED 68300 Practicum in Teaching

A professional experience relating to the music teaching and learning process. Under the supervision of a music education faculty member, the student chooses one or more specific pedagogical topics. A synthesis of the topics is demonstrated during actual teaching situations, during discussions at personal conferences, and in a final written summary report.

2 Credits

MUED 69000 Comprehensive Curriculum: General and Choral Music, K-8

For the instrumental and vocal music educator seeking a comprehensive understanding of pedagogical techniques and materials appropriate for general music and choral programs in a K-8 music curriculum.

3 Credits

MUED 69100 Music Education for the Special Learner

Materials, techniques, and curriculum for teaching music to the special learner in school music programs.

3 Credits

MUED 69200 Administration and Supervision of Music Education

Detailed consideration of the functions of supervisors and directors of music education in administering music programs in elementary and secondary schools.

3 Credits

MUED 69300 Music, Humanities, and Related Arts

An exploration of relationships between music and other arts. Consideration of works of art in terms of social, political, religious, economic, and philosophical implications. Teaching the arts as a humanistic discipline.

3 Credits

MUED 69700-69720 Topics in Music Education (NLA)

This course focuses on the development of techniques or on recent trends in music education. One concept or development is studied to acquaint students with the practical, theoretical, and/or research techniques needed in effectively adapting new concepts of music teaching. 10R (U, IRR)

Attributes: TE

1,2 Credit

MUED 69800-69900 Selected Topics

Intensive course concentrating on recent trends in music education. One concept or development is studied in depth each semester in order to acquaint students fully with the practical, theoretical, and research techniques needed in effectively adapting new concepts of music teaching.

3 Credits

MUED 70200-70300 Graduate Summer Workshop: Music Education Topic (NLA)

An intensive, one-week, workshop covering a topic in contemporary music education. Topics are designed to offer both the educational theory and practical skills to enhance music classroom teaching at the public-school level. (U)

1-2 Credits

MUED 70500 Successful Leadership in Contemporary Music Education

This workshop, designed for the contemporary music educator and/or supervisor, examines effective leadership and its relationship to the successful music education program. (U)

Attributes: TE

0-2 Credits

MUED 73500 Choral Conducting Workshop (NLA)

This course involves the teaching of ways to incorporate national standards into the choral setting while enhancing the quality of the performance experience and the quality of sound of the ensemble. The Choral Music Experience course is designed to help participants learn an integrated approach to music education, combining the development of performance skills with the acquisition of musical knowledge. (Sum)

Attributes: TE

0-2 Credits

MUED 73700 Workshop: Wind Conducting (NLA)

The course focuses on conducting technique, rehearsal techniques, and repertoire for wind ensembles. An important component of the course is the opportunity to conduct, with critique, a live ensemble on a variety of standard wind works. The course also includes discussion of current trends in music education including national standards as related to wind conducting/teaching. 0 - 2 cr.

Attributes: TE

0-2 Credits

MUED 75000 Summer Suzuki Practicum

Study of repertoire and pedagogic techniques within the intermediate levels of the Suzuki program. Prerequisite: MUED 57100 and MUED 57200. 0 Credits. (Su)

0 Credit

MUED 78000 The Healthy Musician (NLA)

This comprehensive three-day program of seminars and workshops focuses on health and musical performance. A multidisciplinary faculty examines the physical and mental factors that affect both the musician and performance and discusses the care and prevention of music-related injuries. Participants choose sessions for health care providers or sessions for musicians. Areas of instruction include basic anatomy and physiology, exercise prescription, posture, stress, mental training and practice techniques, common injuries, Feldenkrais exercises, Alexander Technique exercises, learning styles (Neuro-Linguistic Programming), splinting, and biofeedback. Musicians demonstrate five major instrument groups (reeds, strings, keyboards, voice, and brass). Both a musician case study and a faculty recital are given. Musicians are invited to bring their instruments each day. To register for the workshop, you must complete the registration form in the Healthy Musician brochure, which is available on request from the summer sessions office.

0-1 Credits

MUED 78300 SAA Practicum Unit Violin (NLA)

0-1.5 Credits

MUEN 60400 Piano Ensemble

Study and performance of music for piano four hands, one and two pianos, and eight hands, two pianos. Class meeting: Two hours per week. (F-S)

1 Credit

MUEN 60500 Wind Ensemble

A select wind and percussion ensemble with an active program of concerts scheduled throughout the school year. Open to any student who can qualify by audition. Class meeting: Five hours per week. (F-S)

1 Credit

MUEN 60600 Concert Band

A wind and percussion ensemble open to any student who can qualify by audition. Several concerts are scheduled each semester. Class meeting: Four hours per week. (F-S)

1 Credit

MUEN 60700 Symphonic Band

A wind and percussion ensemble open to any student who can qualify by audition. Several concerts are scheduled each semester. Class meeting:

Four hours per week. 0 or (F-S)

1 Credit

MUEN 60800 Choir

A select choral ensemble with an active performance schedule. Open to any student who can qualify by audition. A commitment for both fall and spring semesters is required. Class meeting: Five hours per week. (F-S)

1 Credit

MUEN 60900 Chorus

A large choral ensemble open to any student who can qualify by audition. Several concerts are scheduled each semester. Class meeting: Four hours per week. (F-S)

1 Credit

MUEN 61000 Women's Chorale

A choral ensemble open to all female students who can qualify by audition. Several concerts are scheduled each semester. A commitment for both fall and spring semesters is required. Class meeting: Four hours per week. (F-S)

1 Credit

MUEN 61100 Symphony Orchestra

The orchestra is open to any student who can qualify by audition. An active program of concerts is scheduled each semester. Class meeting: Five hours per week. (F-S)

1 Credit

MUEN 61300 Madrigal Singers

A select vocal chamber ensemble with an active performance schedule. Open to any student who can qualify by audition. Class meeting: Two hours per week. (F-S)

1 Credit

MUEN 61400 Contemporary Chamber Ensemble

The rehearsal and performance of chamber music written in the 20th century, with emphasis placed on recently composed works. Open to any student who can qualify by audition. Class meetings by arrangement. (F-S)

1 Credit

MUEN 61500 Guitar Ensemble

Performance situations for small guitar ensembles of varying combinations. Class meeting: One hour per week. (F-S)

1 Credit

MUEN 61900 Jazz Laboratory

Experience in jazz ensemble playing. Open to any student who can qualify by audition. Several concerts are scheduled each year. Class meeting: Four hours per week. (F-S)

1 Credit

MUEN 62100 Chamber Orchestra

A select chamber orchestra open to any student who can qualify by audition. An active schedule of concert appearances is maintained throughout the year. Class meeting: Three hours per week. (F-S)

1 Credit

MUEN 62200-62205 Instrumental Chamber Music

Study, rehearsal, and performance of a broad spectrum of chamber music by selected ensembles. Class meeting: One hour of coaching and a minimum of two hours of rehearsal per week. (F-S)

0-1 Credits

MUEN 62300 Brass Choir

Study, rehearsal, and performance of standard brass choir literature and orchestral works. Open to any student who can qualify by audition. Class meeting: Two hours per week. (F-S)

1 Credit

MUEN 62500 Vocal Jazz Ensemble

A select jazz chamber ensemble for singers and instrumentalists. Open to any student who can qualify by audition. An active program of concerts is scheduled each semester. Class meeting: Two hours per week. (F-S)

1 Credit

MUEN 62501 Jazz Vocal Repertory Ensemble for Jazz Choir Music (LA)

Experience in jazz vocal ensemble singing. Open to any student who can qualify by audition. At least one concert is scheduled each semester. Focus on foundational jazz choir repertoire. Class meeting is two hours per week. Prerequisites: Permission of instructor by audition. (F,S)

1 Credit

MUEN 62700 Percussion Ensemble

Ensemble experience and exposure to contemporary percussion literature. Several concerts are scheduled each semester. Open to any student who can qualify by audition. Class meeting: Four hours per week. (F-S)

1 Credit

MUEN 62800 Early Music Performance Practice Ensemble

Ensemble experience and exposure to early music literature. Several concerts are scheduled each semester. Open to any student who can qualify by audition. Class meeting: Four hours per week. 0-for music majors; for non-music majors. (F-S)

1 Credit

MUEN 64000 Musical Theater Rehearsal and Performance

Participation in rehearsal and performance of a major musical theater production sponsored jointly with the Department of Theatre Arts in the School of Humanities and Sciences. Students receive credit for assignments in instrumental or vocal performance. Evaluated for pass/fail grade only by the music faculty member in charge of the designated area of specialization. Evaluation based on degree of professional attitude and quality of performance. Audition required prior to enrolling. (F-S)

1 Credit

MUMC 50300 Computer Technology in Music Education

Advanced course in computer technology for students majoring in music education. Activities include surveying current CAI materials, creating MIDI and digital audio resources for web delivery, and developing musical resources designed for use in teaching.

2 Credits

MUMC 50400 Interactive Multimedia Design

Study of musical applications in multimedia design. (F,S).

2 Credits

MUMC 51000 Feldenkrais for Musicians

This course is based on the "awareness through movement" lessons developed by Moshe Feldenkrais. Through gentle movement sequences, musicians can learn to improve coordination, posture, and balance, which can lead to more artistic performance.

1 Credit

MUMC 51100 Creative Arts Methods for Older Adults

Techniques for developing a creative arts program that includes music, drama, and movement for older adults. The process combines an overview of gerontology issues and their relationship to the needs of older adults. Classes meet on campus and at local adult-care facilities.

3 Credits

MUMC 52000-52010 Selected Topics in Art Song Literature (NLA)

A block course with changing topics in art song literature and performance practice. (F-S, B)

1 Credit

MUMC 54500 Musical Theater Workshop

A team-taught, interdisciplinary, performance-oriented course designed to integrate musical and theater performance skills through the selection, development, and presentation of scenes from musicals. Admission by audition presented to the faculty at the first meeting of each semester or by permission of instructors. May be repeated for credit up to a maximum of .

2 Credits

MUMC 54700 Opera Workshop

A team-taught, interdisciplinary, performance-oriented course designed to integrate musical and theater performance skills through the selection, development, and presentation of scenes from the standard and contemporary operatic repertoire. Admission by audition presented to the faculty at the first meeting of each semester or by permission of instructors. May be repeated for credit up to a maximum of .

2 Credits

MUMC 55000 Reed Making

Laboratory course in the making of single and double reeds.

1 Credit

MUMC 55500 Vocal Pedagogy (NLA)

Aspects of teaching voice, private or group, at the secondary and college level. Writings of vocal pedagogues and voice scientists are studied. Students are expected to develop vocal exercise procedures and compile lists of adaptable teaching repertoire. Faculty members assist with lectures and discussions. This course is not limited to voice majors, but vocal ability adequate to demonstrate is required.

2 Credits

MUMC 56900 String Instrument Maintenance and Repair

An introductory course dealing with string instrument adjustments, troubleshooting, and emergency repairs typically needed by teachers in public school music programs.

1 Credit

MUMC 57000 Introduction to Brass Repair

An introduction to the care, maintenance, and repair of the trumpet, horn, trombone, and tuba.

1 Credit

MUMC 57100 Introduction to Woodwind Repair

An introduction to tools and toolmaking, care of woodwinds, emergency repairs, basic clarinet repair skills, and work with flute and saxophone. This course is less detailed than MUMC 47200.

1 Credit

MUMC 57200 Woodwind Repair

A skill development course designed to help the musician care for and service woodwind instruments. Primary emphasis is on clarinet, followed by significant coverage of flute and saxophone, with brief units on oboe and bassoon. Individual projects are encouraged as competence progresses.

2 Credits

MUMC 57400 Vocal Coaching and Recital Preparation Lab (NLA)

Vocal coaching for graduate voice students preparing required recitals, and collaborative pianists. Coaching occurs in both group and private settings. Students perform and critique performances in a lab setting as the main component of the course. Coaching covers historical and analytical details of the repertoire. 0 OR (F-S, Y)

1 Credit

MUMC 58100 Selected Topics in Music

Study of topics in music chosen by the instructor and approved by the appropriate department.

1-3 Credits

MUMC 58300 Performance Studies in Early Music

The study and performance of early music for singers and instrumentalists. Projects will require transcribing music from primary and secondary sources, studying performance techniques on available historical instruments, and rehearsing and performing the transcribed music. Historical authenticity versus modern practicality will be discussed. May be repeated for credit. Class meetings: Two hours per week.

2 Credits

MUMC 58500 Survey of Piano Literature I

The study of piano literature from the high baroque through the middle romantic periods. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Periodic examinations and individual projects are required. One hour of lecture and one half hour of lab meetings weekly.

1 Credit

MUMC 58600 Survey of Piano Literature II

The study of piano literature from the middle romantic period through the 20th century. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Periodic examinations and individual projects are required. One hour of lecture and one-half hour of lab meetings weekly.

1 Credit

MUMC 58700 Survey of Violin and Viola Literature

The study of violin and viola literature from the 17th through the 20th century. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Weekly aural assignments, individual projects, and periodic examinations are required.

2 Credits

MUMC 58900 Wind Literature and Performance Practice

The study of wind literature from its beginning in the music of Gabrieli through the classical wind serenades of Mozart to the composers of today. The course will include music written for wind chamber groups, as well as music for wind ensemble and the traditional concert band. (F,IRR)

2 Credits

MUMC 59000 Choral Literature and Performance Practice

A survey of choral literature and performance practices from the Renaissance to the present. (S)

2 Credits

MUMC 59300 Piano Pedagogy

In-depth study by keyboard majors of methods and materials pertaining to the study of piano as both a major and minor instrument. Special consideration is given to the area of beginning piano study. Various aspects of both the group and individual lesson are considered.

2 Credits

MUMC 59400 Piano Technology

Study of the art and science of piano tuning, repair, and action regulating, including history of the piano and its predecessors, physics of keyboard instruments, and practical work in maintenance and rebuilding of pianos.

2 Credits

MUMC 61100-61101 Recital

1-3 Credits

MUMC 61200 Lecture-Recital

1 Credit

MUMC 64500 Seminar in Instrumental Conducting

Puts students in closer contact with the standard repertoire of the orchestral, operatic, and wind band genres, and gives them weekly podium time with the goal of developing advanced conducting skills needed to lead a high-level instrumental ensemble. Repertoire includes major works of the orchestral, operatic, and wind repertoire. Corequisites: PFMJ 64500. (F-S)

1 Credit

MUMC 65000 Collaborative Piano Seminar

Addresses the various technical issues and stylistic practices specific to each instrument, including voice, as they pertain to the collaborative pianists' ability to intelligently identify and discuss performance issues across the repertoire. Includes other topics relating to the collaborative field such as vocal and instrumental coaching techniques and collaborative piano pedagogy. (F,S)

1 Credit

MUTH 50100 Intensive Part-Writing and Analysis

A study of tonal harmony and syntax. Students will assimilate the voice-leading and functional conventions of music, from the common-practice period through part-writing, model composition, and analysis.

2 Credits

MUTH 52100 Topics in Music Theory and Analysis

Changing topics in music theory and analysis.

2 Credits

MUTH 52900 Advanced Aural Skills

Advanced course in dictation and aural skills with an emphasis placed on music since 1900. Graduate students must meet additional standards as set forth by the professor.

1 Credit

MUTH 53100 Sixteenth-Century Counterpoint

Study of polyphonic techniques based on the stylistic principles of 16th-century sacred literature. Composition of canons, motets, and movements from the mass.

2 Credits

MUTH 53200 Eighteenth-Century Counterpoint

Study of polyphonic techniques based on the stylistic principles of 18th-century keyboard literature. Invention (two- and three-voice), choral prelude, canon, and fugue are studied. Analysis and written projects.

2 Credits

MUTH 53500 Choral Arranging

Functional and theoretical writing for elementary and junior high school choruses, special choirs, and mixed choral groups. Analysis and study of choral part-writing encompassing unison, simple two-, three-, and four-part, and multi-voice units.

2 Credits

MUTH 53700 Instrumentation and Orchestration (LA)

Study of orchestral and band instruments in terms of range, transposition, and individual characteristics. Scoring of works for both standardized and less common ensembles of various sizes.

2 Credits

MUTH 54100 Music from 1600 to 1800

Examination of musical styles and repertoire from the beginnings of functional harmony to the end of the classical era. Focus will be on figures such as Monteverdi, Schutz, Lully, Purcell, Bach, Handel, Mozart, and Beethoven. Overviews of musical contexts in which these composers worked will provide opportunities for discussion of culture and associated musical figures.

3 Credits

MUTH 54200 Music since 1800

Examination of musical styles and repertoire from early 19th century to the present. Focus will be on figures such as Schubert, Brahms, Verdi, Wagner, Debussy, Schoenberg, Stravinsky, and Messiaen. Overviews of musical contexts in which these composers worked will provide opportunities for discussion of culture and associated musical figures. Study of topics from approximately 1900 on will frequently extend to concert music traditions beyond Western Europe.

Attributes: GERM

3 Credits

MUTH 54301 Pedagogy of Music Theory

A survey of the pedagogical aspects of teaching music theory and aural skills on the high school and college level. Focus on current approaches, presentation, and implementation of materials suitable for the study of theory, harmony, and aural skills.

3 Credits

MUTH 55100 Instrumental Chamber Music Literature

A historical survey of instrumental chamber music from the Renaissance to the present day.

3 Credits

MUTH 55200 History and Literature of the Art Song

A broad historical survey of the secular art song from the Middle Ages to the present with greatest emphasis on the German, French, Italian, and English song repertory of the 18th and 19th centuries.

3 Credits

MUTH 55700 History and Literature of Opera

Traces the history, development, and repertory of opera from the beginning of the baroque period to the present. The primary focus of the course, however, is on the standard performing repertory from Handel through Britten. Live performance in class and video excerpts of great performances provide stimuli for class discussion. (F, B)

3 Credits

MUTH 55800 The Symphony

The study of orchestral music, tracing its development from the baroque era to the 20th century. Representative examples of the concerto and symphonic poem are included.

3 Credits

MUTH 56400 Introduction to Composition

The study and practice of compositional procedures used in traditional and contemporary concert music, leading to composing brief works for solo instruments and small chamber ensembles. (F)

2 Credits

MUTH 56500 Composition for Non-Composition Majors (LA)

Study and apply advanced compositional techniques for coherent expression in creative musical work. Explore a large selection of key works from the repertoire through attending weekly composition seminars and develop, under the guidance and supervision of the instructor, an individual plan of study. Compose original compositions of a substantial duration for a variety of instrumental and vocal combinations and/or electronics and gain practical experience by having a work presented at a Composition Premieres Concert. Prerequisites: MUTH 56400. (IRR)

1 Credit

MUTH 57400 Stylistic Analysis of Tonal Music

Detailed analysis of stylistic characteristics and compositional techniques found in works by composers from the classical and romantic eras. A variety of analytical approaches is employed, based on their suitability to particular works.

2 Credits

MUTH 57500 Stylistic Analysis of Post-Tonal Music

Detailed analysis of stylistic characteristics and compositional techniques found in music written from 1900 to present.

2 Credits

MUTH 65200 Bibliography and Research in Music

Survey of the basic bibliographical materials and references in the various fields of music. Methods of research are considered, as well as the establishment and efficient use of bibliographical data. Attention to special bibliographical problems, practical research, and writing of the research paper. This course should be taken in the first semester of degree study.

3 Credits

MUTH 65400-65501 Independent Research

Research projects in the areas of music history, literature, theory, or pedagogy under the advisement of a faculty member from the appropriate field. May be taken for by students who are preparing for a lecture-recital to be given during the following semester. The project normally culminates in a paper or formal report. Prerequisites: MUTH 65200 and permission of the graduate adviser and the faculty member involved.

1-3 Credits

MUTH 65600 Independent Research in Analysis of Music Since 1945

An independent research project required of composition majors. The student analyzes selected compositions from the repertoire of music since 1945 and writes a major paper comparing and contrasting the compositional techniques utilized. The project is directed by a faculty member of the Theory, History, and Composition Department, selected in consultation with the graduate chair. Prerequisites: MUTH 65200, MUTH 66400.

2 Credits

MUTH 66000 Thesis

A formal thesis, which must be a composition of large proportion for chamber ensemble (quartet or larger), orchestra, wind ensemble, or chorus with instrumental ensemble. A performance of the thesis is recommended.

3 Credits

MUTH 66100-66300 Composition

Stimulation of the inventive capacity and realization of the musical concept in tones (and the symbols representing them). The student practices self-expression in a variety of the smaller and in some of the larger forms, and so becomes familiar with the skills required for composition. Knowledge of theory, harmony, and musical form is a prerequisite. Open only by permission of the instructor. each.

3 Credits

MUTH 66400 Analytical Techniques

Detailed study of methodologies used when analyzing tonal music, including Schenkerian and motivic approaches and theories of rhythm and meter.

3 Credits

PFMJ 60100 Voice

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 60300 Piano

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 60500 Organ

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 60700 Harpsichord

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 60900 Violin

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 60901 Violin/Recital (NLA)

Performance studies leading to a recital. Taken only in the semester of the recital. Prerequisite: PFMJ 60900. (F/S)

2 Credits

PFMJ 61100 Viola

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 61101 Viola/Recital (NLA)

Performance studies leading to a recital. Taken only in the semester of the recital. Prerequisite: PFMJ 61100. (F/S)

2 Credits

PFMJ 61300 Cello

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 61500 Double Bass

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 61700 Guitar

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 62100 Flute

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 62300 Oboe

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 62500 Clarinet

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 62700 Bassoon

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 62900 Saxophone

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 63100 French Horn

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 63300 Trumpet

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 63500 Trombone

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 63700 Euphonium

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 63900 Tuba

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 64300 Percussion (NLA)

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music.

1-2 Credits

PFMJ 64500 Conducting

Intensive study of advanced performance technique, interpretation, and literature representing all appropriate musical style periods. 1 or conducting majors only, except by permission of the graduate chair in music.

1-2 Credits

PFMJ 64700 Private Collaborative Piano

Intensive study of advanced performance techniques, interpretations and literature representing all appropriate musical style periods. 1 or through permission of the graduate chair in music. (F,S)

1,2 Credit

PFMJ 64701 Collaborative Piano/Recital

Performance studies leading to a recital. Taken only in the semester of the recital. Prerequisite: PFMJ 64700. (F,S)

2 Credits

Composition M.M.

No additional students are being admitted to this program after Fall 2021

Graduate student composers have weekly composition lessons; their works are performed each semester in public concerts. They also participate in composition lessons and master classes with our Karel Husa Visiting Professors of Composition, who have included Christopher Rouse, George Crumb, John Corigliano, John Harbison, and Chen Yi.

Toward the end of their residency, student composers present a full recital of their works. They are also required to submit a formal thesis, which must be a composition of large proportion for chamber ensemble, orchestra, wind ensemble, or chorus with instrumental ensemble. A performance of the thesis is recommended.

Applicants must submit representative samples of their original work: at least three scores and, whenever possible, recordings. After an initial screening, selected candidates will be invited to campus for an interview with composition faculty.

Degree Requirements

Code	Title	Credits
Required Courses		
MUMC 61100	Recital	1-3
MUTH 65200	Bibliography and Research in Music	3
MUTH 65600	Independent Research in Analysis of Music Since 1945	2
MUTH 66000	Thesis	3
MUTH 66100	Composition	3
MUTH 66200	Composition	3
MUTH 66300	Composition	3
MUTH 66400	Analytical Techniques	3

MUxx xxxxx	Electives ¹	8
Total Credits		30

¹ In order to graduate, students must either pass a piano proficiency examination or enroll for 2 credits of piano performance study and receive a grade of B or higher. Must include one course in theory.

Conducting M.M.

No additional students are being admitted to this program after Fall 2021

This degree program offers professional training in the four major conducting areas -- choral, opera and musical theater, orchestral, and wind. Not more than one student will be admitted each year in each area, and each student will be awarded a conducting assistantship. There is a two-year residency requirement. Each student must conduct a complete recital in the major area.

Major-field coursework includes applied conducting (score reading, score analysis, and conducting with major ensembles) two literature courses in the major and/or minor conducting areas, and graduate-level theory courses (analytic techniques and advanced aural skills).

In addition to studying with a major area professor, the student may study with professors in one or two minor conducting areas. If a student elects to study in a secondary area, it is recommended that the student study with the major professor during semesters 1, 3, and 4, and with a minor professor in semester 2. With permission of the primary professor and the graduate chair, the student may elect to study in two different minor areas during semesters 2 and 3 (one each semester). Students are not permitted to study in more than one area in a single semester.

Applicants are required to submit a list of compositions studied for conducting during the past three years, indicating those works conducted in public performances. The list may also include works studied beyond the three-year minimum.

Applicants are also required to submit an initial screening video recording of a performance or rehearsal they conducted recently. This video recording must be submitted by December 1. The recording will be evaluated, and selected candidates will be invited to an in-person audition, which includes an interview and conducting in the major area. Opera and musical theater candidates must audition on piano.

Degree Requirements

Code	Title	Credits
Required Courses		
PFMJ 64500	Conducting ¹	6
MUMC 61100	Recital	3
MUTH 65200	Bibliography and Research in Music	3
MUTH 66400	Analytical Techniques	3
MUTH 52900	Advanced Aural Skills	1
MUTH xxxxx	Two of the following major-field literature courses: Symphony, History and Literature of Opera, Choral Literature and Performance Practice, or Wind Literature and Performance Practice ²	4-6

MUxx xxxxx, PFMJ xxxxx, JAZZ xxxxx	Graduate Electives in music ³	14-16
Total Credits		36

¹ Major area – 4-6; minor area – 0-2

² Students in the opera and musical theater area may substitute 2-3 credits of Independent Research in history and literature of the musical theater for one of the major-field literature courses, with permission of the graduate chair.

³ At least one 2-credit course in theory/composition (excluding Intensive Part Writing and Analysis)

Music Education (M.M. or M.S.)

This program offers candidates an opportunity to refine their teaching skills through a program involving teaching, performance, research, contemporary trends, and interaction with leaders in the field of music education. The degree fulfills academic requirements for permanent certification in New York and reciprocity requirements for other states.

Applicants must have completed the requirements for New York State initial or provisional certification, including successful practice teaching in music, or the equivalent requirements for another state. Generally, students entering this degree program have professional music teaching experience. Matriculating students not actively employed in the profession will be allowed to complete their first year, but will need to have acquired a school teaching position before enrolling for their second year of study. The final oral examination for music education students includes a teaching presentation and submission of a process-portfolio created during the student's coursework.

Degree Requirements

Code	Title	Credits
Required Courses		
MUED 65200	Process-portfolio and Presentation 1: Seminar	1
MUED 65400	Process-Portfolio and Presentation 2	1
MUED 65500	Process-Portfolio and Presentation 3	1
MUTH 65200	Bibliography and Research in Music	3
MUED 68000	Psychology of Music Teaching	3
MUED 68200	Seminar in Music Education	3
Select one of the following:		2
MUED 54000	Materials and Rehearsal Techniques for the Public School Wind Band ¹	
MUED 54100	Choral Rehearsal and Vocal Techniques ²	
MUED 54200	Materials and Rehearsal Techniques for the School Orchestra ³	
Select five credits from the following:		5
PFMJ 6xxx0	Performance (major instrument) Mus Ed	
PFMJ 6xxxxx	Performance (minor instrument)	
MUEN 6xxxx	Ensemble	
MUED 61000	Advanced Instrumental Techniques: Woodwinds	
MUED 61100	Advanced Instrumental Techniques: Brass	

MUED 61200	Advanced Instrumental Techniques: Concert Percussion	
MUED 61300	Advanced Instrumental Techniques: Strings	
MUED 61400	Advanced Instrumental Techniques: Voice	
MUED 61500	Advanced Instrumental Techniques: Popular Music Instruments	
MUED 61600	Advanced Instrumental Techniques: Classroom Instruments	
MUED 61700	Advanced Instrumental Techniques: Conducting	
MUED 61800	Advanced Instrumental Techniques: Music Technology	
MUxxx xxxxx	Electives in music theory, music history and literature, music education, performance and ensemble, or general studies selected in conference with major adviser ⁴	11

Total Credits **30**

¹ To be taken by wind and percussion majors

² To be taken by vocal and piano majors

³ To be taken by string majors

⁴ For master of music candidates, all credits must be in the area of music. For master of science candidates, 6 credits must be in the area of **graduate level education classes**.

Performance M.M.

No additional students are being admitted to this program after Fall 2021

Each applicant must demonstrate a level of proficiency equivalent to that required for completion of the bachelor of music degree in performance at Ithaca College.

Degree Requirements

Code	Title	Credits
Required Courses		
MUMC 61100	Recital	1-3
MUMC 61200	Lecture-Recital ¹	1
MUTH 65200	Bibliography and Research in Music	3
PFMJ 6xxx0	Performance (major instrument)	6
Select one of the following: ²		2
PFMJ 6xxxx	Performance (minor instrument)	
MUEN 6xxxx	Ensemble	
MUxx xxxxx, JAZZ xxxxx	Graduate Electives in music theory, music history and literature, music education, applied music, or ensemble, including at least 7 credits of coursework outside performance study or ensembles ³	16
Total Credits		30

- ¹ One recital (2 credits) and one lecture-recital (1 credit) are required. The option to substitute a second performance recital in place of a lecture-recital will be decided by the performance studies major teacher in consultation with the student and the graduate chair in music.
- ² Minor instrument or ensemble - relative to candidate's major and professional needs
- ³ For piano majors only: electives must total 14 credits (credits for MUMC 58500 and MUMC 58600 are deducted from total elective requirement)

Collaborative Piano majors will take 6 credits of PFMJ 64700 and two credits of PFMJ 64701. The latter will substitute for MUMC 61100. The secondary instrument credits must be covered by PFMJ 60300. Additionally, Collaborative Piano majors must take 4 credits of MUMC 65000 and one credit of MUMC 62200. Thus, total required credits for Collaborative Piano majors will be 19, leaving 11 elective credits, 7 of which must come from outside PFMJ or MUEN courses.

Suzuki Pedagogy and String Performance M.M.

No additional students are being admitted to this program after Fall 2021

This degree program is open to candidates whose major performance areas are violin or viola. There is a two-year residence requirement. Candidates are required to attend the Suzuki Teacher Institute during the summer between the two years of residency.

Although specific audition requirements vary, all candidates must demonstrate the ability to perform a recital successfully during the period of degree study and must meet the audition requirements expected of all performance degree applicants.

Degree Requirements

Code	Title	Credits
Required Courses		
MUED 57100	Suzuki Seminar I	3
MUED 57200	Suzuki Seminar II	3
MUED 75000	Summer Suzuki Practicum	0
MUED 67300	Suzuki Practicum I	3
MUED 67400	Suzuki Practicum II	3
MUTH 65200	Bibliography and Research in Music	3
PFMJ 6xxx0	Performance (major instrument)	6
PFMJ 60901	Violin/Recital ¹	2
	or PFMJ 61101 Viola/Recital	
MUMC 61200	Lecture-Recital ²	1
Select one of the following:		2
PFMJ 6xxxx	Performance (minor instrument)	
MUEN 6xxxx	Ensemble	
MUMC 58700	String Literature and Practices	2
MUxx xxxxx	Electives	4-5
Total Credits		32

¹ The 2-credit performance recital will be prepared with the performance professor.

² The lecture recital will be prepared with the Suzuki professor.

Occupational Therapy

Amie Germain, Chair of Graduate Studies

The mission of the Occupational Therapy Program is to prepare reflective, creative, skilled, and ethical occupational therapists. We meet this mission by:

- Emphasizing experiential learning, evidence-based practice and professional reasoning
- Creating diverse and integrative learning experiences to develop breadth and depth of student perspectives
- Fostering collaborative engagement in scholarship and service that extends beyond campus to include local and global communities
- Promoting the centrality of occupational participation to support health and resilience for individuals, communities, and populations

The mission of the occupational therapy program is to prepare competent, skilled, and ethical professional occupational therapists who will enable their clients to achieve productive and satisfying lives. The Department of Occupational Therapy offers two entry points to meet this mission:

1. A five-year combined B.S./M.S. program (p. 854)
2. A professional entry-level M.S. program (p. 854)

The occupational therapy program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929. Contact the AOTA's Accreditation Staff at (301) 652-6611 x2042 or at www.accred@aota.org (<http://www.accred@aota.org>) for more information.

Graduates of the master's degree program, regardless of their entry point, are eligible to take the national certification examination administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the graduate is a registered occupational therapist, or OTR. In addition to certification, a professional license is also required for practice in all states. While the NBCOT certification is accepted as the licensing exam, specific requirements vary by state. Graduates are obligated to abide by state laws and are required to apply for and obtain state licensure before entering clinical practice. For more information, visit National Board for Certification in Occupational Therapy (www.nbcot.org) and the American Occupational Association (www.aota.org) (<http://www.aota.org>).

Academic Standards

Combined B.S./M.S. students are expected to maintain a GPA of 3.00 or higher during their graduate studies. Students may not receive a C (C-, C, or C+) for more than 6 credits, or an F for more than 3 credits during their graduate academic study. Combined B.S./M.S. students who fail to meet these standards in any semester will be placed on academic warning. Academic performance resulting in larger deficiencies will result in program dismissal.

Professional entry-level students are expected to maintain a GPA of 3.00 or higher during their graduate studies. Students may not receive a C (C-, C, or C+) for more than 12 credits, or an F for more than 3 credits during their graduate academic study. Professional entry-level students who

fail to meet these standards in any semester will be placed on academic warning. Academic performance resulting in larger deficiencies will result in program dismissal.

If any graduate student receives a grade of "U" for a level II fieldwork course, they will be placed on academic warning by the Chair of Graduate Studies. The student must register for and successfully complete an alternate fieldwork assignment as scheduled by the academic fieldwork coordinator. The faculty may require remedial work or apply special conditions that the student must meet before they are allowed to repeat this class. If the student successfully completes this course, they may continue in the program; however, no one will be allowed to repeat a level II fieldwork course more than once.

These policies, as well as academic, clinical, and professional behavior standards, are published on the Department of Occupational Therapy website (<http://www.ithaca.edu/hshp/depts/ot/>).

Occupational Therapy B.S./M.S. Program (p. 858)

The five-year **combined B.S./M.S.** degree curriculum is designed to provide a strong foundation in the liberal arts, sciences, and humanities; to offer a comprehensive and rigorous professional education; and to develop attitudes and skills for lifelong learning and leadership. Included in the academic instruction are 32 weeks of full-time clinical fieldwork experiences that are typically scheduled for the summer preceding the graduate year (12 weeks), in the late spring (12 weeks) after their final semester on campus, and in the summer following the graduate year (8 weeks). Coursework at the graduate level is organized into two academic and three clinical experiences time blocks.

Combined B.S./M.S. students enter their first year as occupational therapy majors and progress through the curriculum to earn a master's degree. Combined B.S./M.S. students are admitted only from the Ithaca College undergraduate occupational science program and must complete the graduate (fifth) year to be eligible to take the national certification examination. The undergraduate component of this program is described in the Ithaca College undergraduate catalog.

Combined B.S./M.S. students take 44 credits of graduate courses in their graduate (fifth) year, both on campus in Ithaca and at clinical fieldwork sites across the country. Students enroll in either group research or individual thesis, along with a variety of other graduate courses that are designed to provide depth and breadth of education. Please refer to the combined B.S./M.S. degree (p. 858) section for curriculum information.

Graduation Requirements

To be considered for graduation for the combined BS/MS occupational therapy degree, students must complete the following:

1. Completion of the B.S. degree in occupational science at Ithaca College;
2. Completion of the major department requirements as stated in the combined B.S./M.S. degree (p. 858) section of the academic catalog.

The group research sequence is a faculty supervised research project where students collect and analyze data, interpret results, and present findings in both oral and written formats. Students who select the group research sequence will register for OTMS 67100 and OTMS 67120.

Individual thesis is conducted under the supervision of a faculty thesis adviser and with a thesis committee. Students are required to have a faculty approved thesis proposal to enroll in this option. The quality of work for individual thesis projects is expected to meet professional publication standards. Students who select individual thesis will register for OTMS 67200 and OTMS 67300.

Individual thesis students, who have completed all coursework except the thesis, will be required to maintain active student status through the School of Health Sciences and Human Performance until completion. These students will work with their adviser to plan an appropriate course and credit schedule.

Occupational Therapy Professional Entry-Level M.S. Program (p. 859)

The professional entry-level (PEL) M.S. degree (p. 859) curriculum is designed for individuals who have earned a bachelor's degree in another area of study or at another accredited institution and are interested in pursuing a career in occupational therapy. The program duration is just over two years and will prepare students to be eligible to take the national certification examination. This program is designed for full-time study beginning during the summer session.

Professional entry-level M.S. students take 92 credits of graduate courses, both on campus in Ithaca and at clinical fieldwork sites across the country. First year coursework begins in summer and includes one winter intersession course. The second year is consistent with the combined B.S./M.S. curriculum, where clinical fieldwork is typically scheduled for the summer preceding the graduate year (12 weeks), in the late spring (12 weeks) after their final semester on campus, and in the summer following the graduate year (8 weeks). Coursework at the graduate level is organized into two academic and three clinical experiences time blocks.

Similar to the combined B.S./M.S. students, professional entry-level students enroll in either group research or individual thesis, along with a variety of other graduate courses that are designed to provide depth and breadth of education. Please refer to the professional entry-level degree (p. 859) section for curriculum information.

Graduation Requirements

To be considered for graduation for the PEL M.S. Occupational Therapy degree, students must complete all of the major department requirements as stated in the professional entry-level degree (p. 859) section of the academic catalog.

ADMISSION

Applications are available online through the Office of Admission (<http://www.ithaca.edu/gradadmission/>) and the application deadline is February 1st, annually. The following are admission requirements:

- A completed bachelor's degree with a minimum GPA of 3.00
- Completion of nine (9) prerequisites with a grade of C or higher within the past ten years. A minimum of six (6) of the following nine (9) prerequisites must be completed by the application deadline:
 - 3 credits of General Biology
 - 8 credits of Anatomy and Physiology
 - 3 credits of General Psychology
 - 3 credits of Developmental Psychology or Human Development Across the Life Span

- 3 credits of Abnormal Psychology
- 3 credits of Sociology or Anthropology
- 3 credits of Statistics
- 3 credits of Introduction to Research Methods
- A writing sample
- An in-person or remote interview, by invitation

Additional Admission Requirements:

- Completion of online application
- Official transcripts from all colleges attended
- Two letters of recommendation, one preferably from a health care practitioner

GRADUATE ASSISTANTSHIPS

Each year the department awards a small number of Graduate Assistantships to select Professional Entry-Level students. Graduate Assistantships are competitive and offer both scholarship funding and a taxable salary. Students who are awarded Graduate Assistantships work with faculty and staff on scholarly, instructional, and administrative tasks depending on departmental needs. Students applying for Graduate Assistantships are required to submit two additional letters of recommendation with their application.

Majors

- Occupational Therapy B.S./M.S. Program (p. 858)
- Occupational Therapy Professional Entry-Level M.S. Program (p. 859)

OTMS 50000 Functional Human Anatomy

Study of the gross anatomical components of the human body through the use of lecture and lab activities without dissection. Emphasis is placed on the musculoskeletal and neurovascular systems found in the extremities, and in the head and neck trunk, with less emphasis on the thorax and abdominal walls. (SU,Y)

5 Credits

OTMS 50500 Occupational Therapy Theory

Occupational therapy process, principles, and theory are introduced and explored with a focus on clinical reasoning and models of practice. Occupation as the core of practice, its elements as they are viewed today, and their historical and philosophical background are discussed. The analysis, synthesis, and implementation of occupations for use in assessment and intervention are practiced through experiential labs and assignments. Methods for the evaluation and critique of existing and emerging theories are applied to selected theoretical models of practice. (SU,Y)

4 Credits

OTMS 51000 Neuroscience

Introduction to the science of the nervous system. Provides a framework for understanding the nervous system and the area of applied neurosciences. This course provides a scientific basis for improved patient care by clarifying the relationships between the nervous system and behavior. Selected laboratory and experiential activities enhance lecture, discussion, and reading materials. Prerequisites: OTMS 50000. (F,Y)

3 Credits

OTMS 52000 Kinesiology

The application of gross anatomy to the study of human movement, with emphasis on understanding the interrelated kinetics of normal motion of the musculoskeletal system as they influence functional activities. Evaluation procedures such as manual muscle testing (MMT), joint range of motion (ROM), palpation of surface anatomy, and kinesiological analysis of functional activities are used in laboratory sessions. Evidence-based practice in kinesiological assessment and intervention will be emphasized through advanced research projects. Prerequisites: OTMS 50000. (F,Y)

4 Credits

OTMS 52200 Psychiatry in Occupational Therapy

This course will explore the psychiatric conditions that are commonly seen in clinical and community settings. The effects of diagnoses and challenges of medication side effects will be reviewed in detail, including how these conditions affect body functions and structures and common functional limitations. Pertinent medical assessments, medicines, and team involvement will be included. Particular attention will be paid to dual or multi-diagnosis and multi-medication regimens and the challenges these scenarios present. A specific focus will include the role of support networks, including peer and consumer organizations and their role in mental health services and information sharing. An emerging practice-focused literature search will enable the student to search the Internet and other resources for diagnostic information, latest research and practice information, and related material. This paper will provide the foundation for a community-focused project that will connect students with community-based resources and needs. (W,Y)

3 Credits

OTMS 53000 Applied Interventions in Occupational Therapy

Focus on selected preparatory and supporting methods used in OT practice. Emphasis is on selected occupational therapy intervention methods. The use of orthotics as a method in intervention supporting occupational therapy practice, the evaluation and intervention of selected biomechanical components, and prosthetics as an occupation-based activity are explored. Adaptation of methods for performing activities of daily living and design of equipment are also covered. Prerequisites: OTMS 57100; OTMS 52000. (S,Y)

0-3 Credits

OTMS 53500 Group Process in Occupational Therapy

This course focuses on therapeutic use of self in group relationships. Emphasis is on an action-based, helping, problem-solving model to guide individual interventions. Provides the cognitive, affective, and occupational basis to helping groups for various client populations and settings across the lifespan. Presents knowledge and experiential opportunity to gain skills to be a competent group leader using proven models of intervention. Emphasis will be placed on best practices across settings with a foundation in current research. Lecture and lab format. (S,Y)

4 Credits

OTMS 54000 Concepts in Adult Occupational Therapy (NLA)

Concepts in occupational therapy for the adult population will be explored. Practice models that are suitable for the adult client population will be addressed within the context of the occupational therapy process. Includes a case based seminar to integrate theory with practice. Prerequisites: OTMS 50000; OTMS 50500. (F,Y)

4 Credits

OTMS 54500 Concepts in Pediatric Occupational Therapy (NLA)

Concepts in occupational therapy for the pediatric population will be explored. Practice models that are suitable for the pediatric client population will be addressed within the context of the occupational therapy process. Includes a case based seminar to integrate theory with practices. Prerequisites: OTMS 50000; OTMS 50500. Corequisites: OTMS 55500; OTMS 57500. (S,Y)

4 Credits

OTMS 55000 Adult Evaluation and Intervention Processes in Occupational Therapy (NLA)

The occupational therapy evaluation and intervention processes for the adult population will be explored. This includes development of an occupational profile of the client and conducting an analysis of occupational performance. The intervention phase involves implementation and re-evaluation of the intervention plan. The course includes a clinical fieldwork experience. Prerequisites: OTMS 50000; OTMS 50500. Corequisites: OTMS 52000; OTMS 51000; OTMS 57100; OTMS 54000. (F,Y)

3 Credits

OTMS 55500 Pediatric Evaluation and Intervention Processes in Occupational Therapy (NLA)

The occupational therapy evaluation and intervention processes for the pediatric population will be explored. This includes development of an occupational profile of the client and conducting an analysis of occupational performance. The intervention phase involves implementation and re-evaluation of the intervention plan. The course includes a clinical fieldwork experience. Prerequisites: OTMS 50000; OTMS 50500. Corequisites: OTMS 54500; OTMS 57500. (S,Y)

3 Credits

OTMS 56500 Research Seminar

A graduate seminar to focus student research in an area of faculty interest through a critical review of the literature and construction of structured research paper. Students develop a problem statement and question suitable for thesis research, supported with background, definitions, rationale, and a detailed outline of a research methodology. Oral presentation of a research proposal is required. (S,Y)

1 Credit

OTMS 57100 Adult Clinical Conditions (NLA)

A study of selected systemic, medical-surgical, orthopedic, and neurological conditions. Includes concepts in the identification, definition, and medical management of these conditions affecting adults and older persons. Emphasis is placed on integration of etiology, pathology, and medical treatment of selected conditions with emerging evidence research and practice recommendations across disciplines, focusing on implications for future occupational therapy practice. (F,Y)

3 Credits

OTMS 57500 Pediatric Clinical Conditions (NLA)

This course will explore the pediatric conditions that are commonly seen by occupational therapists. Clinical settings where children may be seen will be introduced and discussed. Pediatric diagnoses will be reviewed in detail, including body functions and structures and common functional limitations. Pertinent medical assessments, medicines, and team involvement will be included. A literature-enhanced paper will enable the student to search the Internet and other resources for diagnostic information, latest research information, and related material. Prerequisites: OTMS 50000; OTMS 51000. (S,Y)

2 Credits

OTMS 59800 Special Topics in Occupational Therapy

Formal instruction in topics of current interest to graduate students and faculty in occupational therapy. Experimental and topical courses will be offered under this number and title. Course may be repeated for credit for different selected topics. Prerequisites: Permission of instructor. (IRR)

1-3 Credits

OTMS 60000 Clinical Fieldwork II - Children and Adolescents

Three months of full-time, supervised clinical experience with the opportunity to treat pediatric patients/clients. Assignment in a training center program approved in accordance with the American Occupational Therapy Association's standards of practice for occupational therapy education. Required course. Satisfactory/unsatisfactory only. (Sum,Y)

6 Credits

OTMS 61200 Complementary Health Approaches, Integrative Health, and Occupational Therapy (NLA)

This elective explores personal health perspectives, occupational therapy education, and occupational therapy practice through the lens of diverse health approaches and integrative health. Knowledge of mind and body practices that occupational therapy clients' use and how these complementary health approaches are being integrated into occupational therapy plans of care is expanded through active and experiential learning opportunities, review of professional documents, and current literature. (S)

Attributes: OTGE

2 Credits

OTMS 62000 Advanced OT Theory and Practice

Examination and critique of definitions, philosophy, generic base, and concepts in occupational therapy. Occupational therapy theory development, structure, and function are analyzed and critiqued as they relate to basic assumptions, frames of reference, and implications for practice and research. Focus is on research and theory development, and the application to theory to occupational therapy practice. (S,Y)

3 Credits

OTMS 62500 Clinical Management in Occupational Therapy

This course focuses on the practice of efficient and effective administration in a health care setting. Focus includes health systems perspective; service delivery models and mechanisms; service management of various clinical settings; resource management of personnel, finances, materials, and physical plant; and risk management. (S,Y)

3 Credits

OTMS 62600 Professional Practice in the Community

Focuses on practice in educator, consultant, and advocacy roles in emerging areas of OT practice as well as nontraditional alternatives. Also examines transition to professional role in the community, including career development, professional responsibilities, current trends and issues, and engaging in clinical education. Prerequisites: OTMS 66500.

(S,Y)

3 Credits

OTMS 63900 Graduate OT Clinic (NLA)

This graduate elective course will allow students the opportunity for observation, participation, supervision of undergraduate students, and management of clinical cases provided through the Ithaca College affiliated Occupational Therapy Clinic with faculty supervision. Treatment of occupational therapy clients, as well as participation in other occupational therapy-related services provided by the clinic will be the focus of this course. The clinic will provide students with an experiential learning opportunity, while serving the needs of clients in the college and community. (F,S,U,Y)

0-1 Credits

OTMS 64100-64101 Adaptation and Environmental Modification (NLA)

Study of theories regarding human behavioral adaptation and development of skills to modify physical, emotional, social, and cultural environments to promote appropriate behavioral adaptations that facilitate engagement with the tasks that comprise life roles. Methods of environmental assessment and techniques for modification of physical spaces and equipment, temporal structures, and patterns of use are examined. (S,IRR)

Attributes: OTGE

2 Credits

OTMS 64300-64301 Cognitive Rehabilitation (NLA)

This course will closely examine occupational therapy assessments and interventions for persons with cognitive dysfunction. Evaluation instruments are derived from various theoretical perspectives. The focus is on assessment and intervention with brain-injured adults, but other patient populations are also considered. Intervention strategies and critical analysis of research are emphasized. Multiple disciplines addressed for a comprehensive approach and understanding of cognitive rehabilitation in the clinical setting.

Attributes: OTGE

2 Credits

OTMS 64500 Vocational Readiness (NLA)

The role of occupational therapy in the vocational readiness process. Includes a review of vocational development and values, theoretical models, assessment, planning, treatment, and documentation. Vocational programming for children, adolescents, and adults with a variety of disabilities is discussed. Laboratory activities in vocational assessment and training are included. (S,IRR)

Attributes: OTGE

2 Credits

OTMS 64501 Vocational Rehabilitation (NLA)

The role of occupational therapy in the vocational readiness process. Includes a review of vocational development and values, theoretical models, assessment, planning, treatment, and documentation. Vocational programming for children, adolescents, and adults with a variety of disabilities is discussed. Laboratory activities in vocational assessment and training are included. (IRR)

3 Credits

OTMS 64600-64601 Play and Leisure (NLA)

Further exploration of the occupational concepts of play and leisure and their application to occupational therapy theory and practice. Developmental, theoretical, cultural, and philosophical aspects of play in normal individuals and individuals with disabling conditions. Use of play/leisure in assessment, play as means, and play as end in occupational therapy practice. Seminar and discussions are supplemented with experiential learning and laboratories. (S,IRR)

Attributes: OTGE

2 Credits

OTMS 65000 Advanced Pediatric Evidence Based Practice (APEBP) (NLA)

The use and application of current theory and evidence related to neuroscience in occupational therapy practice with the pediatric population. This advanced practice course incorporates experiential opportunities in both the lecture and laboratory settings. Elective alternative to OTMS 65000. Prerequisites: OTBS 41000 or OTMS 51000. (F,Y)

3 Credits

OTMS 65100 Advanced Adult Evidence Based Practice (AAEBP) (NLA)

The use and application of current theory and evidence related to neuroscience in occupational therapy practice with the adult population. This advanced practice course incorporates experiential opportunities in both the lecture and laboratory settings. Elective alternative to OTMS 65100. Prerequisites: OTBS 41000 or OTMS 51000. (F,Y)

3 Credits

OTMS 65500 Technological Interventions in Occupational Therapy (NLA)

Examines the role of occupational therapists as part of an interdisciplinary team in the assessment, selection, application, and outcome of assistive technology for individuals with disabilities. Considers the use of technology to allow greater accessibility and independence for people of all ages with physical, sensory, and cognitive disabilities in the performance of life skills, including self-care, education, recreation, vocation, mobility, and communication. Prerequisites: OTMS 57100 or OTBS 47100 and OTMS 57500 or OTBS 47500. (F,Y)

3 Credits

OTMS 66500 Gerontic Occupational Therapy

Health care and community support of wellness, occupational performance, and quality of life as they relate to the needs of people over 65. Includes skills and knowledge required to work effectively in interdisciplinary teams – with clients and caregivers, as individuals, and in groups. Disease and disability prevention, environmental adaptation to facilitate continuing engagement in occupations, factors contributing to successful aging, and legislative and reimbursement issues as they apply to service delivery with the elderly. Students participate in discussions, problem-solving seminars, interaction with well and frail elderly, and review of the current literature regarding effective practice with the elderly. Prerequisites: OTMS 54000 or OTBS 44000. (F,Y)

Attributes: SL

3 Credits

OTMS 67100 Group Research I

A research course for students who do not elect to conduct individual research for a thesis. It includes the reading and criticism of research related to a faculty-designed research project, collecting and analyzing data, and the writing of results and discussion of findings of the project. Elective alternate to OTMS 67300. (F,Y)

3 Credits

OTMS 67120 Group Research II

This is a research course for students who did not elect to conduct individual research for a thesis (elective alternative to OTMS 67300). It covers the process of completing and reporting a designed research project. This course follows OTMS 67110, wherein students have initiated the research process. This course will allow students the opportunity to complete data collection, analyze, discuss, and report findings both orally and in writing. (S)

3 Credits

OTMS 67200 Individual Thesis Research I

Preparation of a thesis proposal and the first three chapters (introduction, literature review, and methodology) of an independent, scholarly research paper under the supervision of a member of the graduate faculty in occupational therapy. Data collection is initiated. The graduate committee must approve the proposal. Prerequisites: OTBS 46500 or OTMS 56500. (F,Y)

3 Credits

OTMS 67300 Individual Thesis Research II

Completion of independent research, including collecting data and analyzing results. Preparation of a scholarly research paper under the supervision of a member of the graduate faculty in occupational therapy. An oral presentation of the thesis is required. Elective. (S,Y)

3 Credits

OTMS 68400 School-Based Occupational Therapy (NLA)

Exploration of the current trends in occupational therapy practice in schools. Includes the individual educational plan (IEP) process, the education team and system, treatment implementation, and documentation methodologies appropriate to school systems. Programming for children from birth to age 21 is included. (S, IRR)

Attributes: OTGE

2 Credits

OTMS 68401 School Based Occupational Therapy (NLA)

Exploration of the current trends in occupational therapy practice in school. Includes the IEP process; the education team and system; evaluation, treatment implementation and documentation methodologies appropriate to school systems. Programming for children from birth to 21 is included. (IRR)

3 Credits

OTMS 68500-68501 Hand Therapy (NLA)

Seminar on the knowledge, skills, and practices of hand therapy and rehabilitation. Hand injuries and surgery, use of physical agent modalities in hand therapy, treatment protocols, advanced splinting, and ethical and legal issues are covered. (S,Y)

Attributes: OTGE

2 Credits

OTMS 68800-68801 Occupational Therapy in Early Intervention (NLA)

Exploration of the current trends in occupational therapy practice in school. Includes the IEP process; the education team and system; evaluation, treatment implementation and documentation methodologies appropriate to school systems. Programming for children from birth to 21 is included. (S,IRR)

Attributes: OTGE

2 Credits

OTMS 69000-69001 Clinical Fieldwork II - Adult/Geriatric

Three months of full-time, supervised clinical experience with the opportunity to treat adult/geriatric patients. Assignment in training center programs approved in accordance with the American Occupational Therapy Association standards of practice for occupational therapy education. Required course. Satisfactory/unsatisfactory only. (April-June,Y)

6 Credits

OTMS 69500 Clinical Fieldwork II - Elective Specialty

Two or three months of full-time, supervised clinical experience with opportunity to plan, implement, and evaluate treatment for patients or clients in a specialty area selected by the student in consultation with the fieldwork coordinator. Required course. Satisfactory/unsatisfactory only. Prerequisites: OTMS 60000; OTMS 69000. (SU,Y)

4 Credits

OTMS 69600 Elective Internship

An eight-week, full-time (or equivalent) internship that provides the opportunity for the student to apply occupational therapy theory and principles in a nontraditional setting under the supervision of a person with demonstrated competence in a specialized area of consultation or service delivery. Alternative to OTMS 69500. Prerequisites: Successful completion of all courses in the graduate program and Clinical Fieldwork II (OTMS 60000 and OTMS 69000). (SU,Y)

4 Credits

OTMS 69900 Graduate Independent Study

Individual research and writing in an area of occupational therapy practice, research, or theory under supervision of an occupational therapy faculty member. An approved design statement is required upon registration. Prerequisites: Permission of supervising faculty member, graduate department chair, and dean. (FS,SU)

1-3 Credits

Occupational Therapy B.S./M.S. Program

For more information, please visit the Occupational Therapy Department catalog page (p. 853).

Major Department Requirements

Code	Title	Credits
Required Courses		
OTMS 62000	Advanced OT Theory and Practice	3
OTMS 62600	Professional Practice in the Community	3
OTMS 65500	Technological Interventions in Occupational Therapy	3
OTMS 65000	Advanced Pediatric Evidence Based Practice (APEBP)	3
	or OTMS 65100 Advanced Adult Evidence Based Practice (AAEBP)	
OTMS 66500	Gerontic Occupational Therapy	3
OTMS 62500	Clinical Management in Occupational Therapy	3
Graduate Electives		
Select two Graduate Electives with the OTGE attribute: ¹		4
OTMS 61200	Complementary Health Approaches, Integrative Health, and Occupational Therapy	
OTMS 64100	Adaptation and Environmental Modification	
OTMS 64300	Cognitive Rehabilitation	
OTMS 64500	Vocational Readiness	
OTMS 64600	Play and Leisure	
OTMS 68400	School-Based Occupational Therapy	
OTMS 68500	Hand Therapy	
OTMS 68800	Occupational Therapy in Early Intervention	
OTMS 69700	Sexuality, Gender & Intimacy: Perspectives on Sex as an Occupation	
Clinical Fieldwork Courses:		
OTMS 60000	Clinical Fieldwork II - Children and Adolescents	6
OTMS 69000	Clinical Fieldwork II - Adult/Geriatric	6

OTMS 69500	Clinical Fieldwork II - Elective Specialty or OTMS 69600 Elective Internship	4
Research		
Select one of the following:		6
OTMS 67200	Individual Thesis Research I & OTMS 67300 and Individual Thesis Research II	
OTMS 67100	Group Research I & OTMS 67120 and Group Research II	
Total Credits		44

¹ Note: Specific courses vary based on student and faculty interests

Clinical Fieldwork

Clinical fieldwork is an essential part of professional training, and students must complete three level II fieldwork experiences in preparation for their degree and certification. Fieldwork centers maintain contractual relationships with Ithaca College, and students are placed in fieldwork centers by the fieldwork coordinator well in advance of the beginning of these placements. Once placements are confirmed, students cannot alter them. Clinical Fieldwork is graded on a satisfactory (S) or unsatisfactory (U) scale.

Students will be assigned to fieldwork based on a lottery system and the availability of placements. Students should expect to do their fieldwork at a distance from their homes and Ithaca. They are responsible for making their own housing and travel arrangements, although the department and the fieldwork center are usually able to provide some help. Students and their families need to plan ahead for this process.

The Accreditation Council for Occupational Therapy Education (ACOTE) requires that all level II fieldwork experiences be completed within 24 months of the completion of the academic portion of the curriculum. Students who fail to complete graduate fieldwork within this period are subject to dismissal from the program.

Occupational Therapy Professional Entry-Level M.S. Program

For more information, please visit the Occupational Therapy Department catalog page (p. 853).

Major Department Requirements

Code	Title	Credits
Major Department Requirements		
OTMS 50000	Functional Human Anatomy	5
OTMS 50500	Occupational Therapy Theory	4
OTMS 51000	Neuroscience	3
OTMS 52000	Kinesiology	4
OTMS 52200	Psychiatry in Occupational Therapy	3
OTMS 53000	Applied Interventions in Occupational Therapy	3
OTMS 53500	Group Process in Occupational Therapy	4
OTMS 54000	Concepts in Adult Occupational Therapy	4
OTMS 54500	Concepts in Pediatric Occupational Therapy	4

OTMS 55000	Adult Evaluation and Intervention Processes in Occupational Therapy	3
OTMS 55500	Pediatric Evaluation and Intervention Processes in Occupational Therapy	3
OTMS 56500	Research Seminar	1
OTMS 57100	Adult Clinical Conditions	3
OTMS 57500	Pediatric Clinical Conditions	2
OTMS 65500	Technological Interventions in Occupational Therapy	3
OTMS 66500	Gerontic Occupational Therapy	3
OTMS 65000	Advanced Pediatric Evidence Based Practice (APEBP)	3
	or OTMS 65100 Advanced Adult Evidence Based Practice (AAEBP)	
OTMS 62600	Professional Practice in the Community	3
OTMS 62500	Clinical Management in Occupational Therapy	3
OTMS 62000	Advanced OT Theory and Practice	3

Graduate Electives

Select two Graduate Electives with the OTGE attribute: ¹ 4

OTMS 61200	Complementary Health Approaches, Integrative Health, and Occupational Therapy
OTMS 64100	Adaptation and Environmental Modification
OTMS 64300	Cognitive Rehabilitation
OTMS 64500	Vocational Readiness
OTMS 64600	Play and Leisure
OTMS 68400	School-Based Occupational Therapy
OTMS 68500	Hand Therapy
OTMS 68800	Occupational Therapy in Early Intervention
OTMS 69700	Sexuality, Gender & Intimacy: Perspectives on Sex as an Occupation

Clinical Fieldwork Courses

OTMS 60000	Clinical Fieldwork II - Children and Adolescents	6
OTMS 69000	Clinical Fieldwork II - Adult/Geriatric	6
OTMS 69500	Clinical Fieldwork II - Elective Specialty or OTMS 69600 Elective Internship	4

Research

Select one of the following:		6
OTMS 67200	Individual Thesis Research I & OTMS 67300 and Individual Thesis Research II	
OTMS 67100	Group Research I & OTMS 67120 and Group Research II	

Total Credits 90

¹ Specific courses vary depending upon student and faculty interests.

Clinical Fieldwork

Clinical fieldwork is an essential part of professional training, and students must complete three level II fieldwork experiences in preparation for their degree and certification. Fieldwork centers maintain contractual relationships with Ithaca College, and students are placed in fieldwork centers by the fieldwork coordinator well in advance of

the beginning of these placements. Once placements are confirmed, students cannot alter them. Clinical Fieldwork is graded on a satisfactory (S) or unsatisfactory (U) scale. Students will be assigned to fieldwork based on a lottery system and the availability of placements. Students should expect to do their fieldwork at a distance from their homes and Ithaca. They are responsible for making their own housing and travel arrangements, although the department and the fieldwork center are usually able to provide some help. Students and their families need to plan ahead for this process.

The Accreditation Council for Occupational Therapy Education (ACOTE) requires that all level II fieldwork experiences be completed within 24 months of the completion of the academic portion of the curriculum. Students who fail to complete graduate fieldwork within this period are subject to dismissal from the program.

Physical Therapy

Laura Z. Gras, *Professor, Department Chairperson, and Program Director*

Barbara C. Belyea, *Clinical Professor, Graduate Chairperson, and Associate Department Chairperson*

The Department of Physical Therapy offers a six-year, dual-degree program in clinical health studies and physical therapy. Students receive a bachelor of science (B.S.) degree in clinical health studies after four years of study and a doctor of physical therapy degree after two years of graduate study. The undergraduate component of the six-year program is described in the Ithaca College undergraduate catalog.

The graduate program builds on the undergraduate program's depth and breadth in liberal arts and basic sciences, the students' independent study skills, and their understanding of theory, communication, and critical thinking. The graduate program is approximately 24 months in duration. Students participate in classroom and clinical experiential learning opportunities on campus and in diverse clinical and research facilities to integrate learning and apply knowledge in health care settings. Graduate students participate in 30 weeks of full-time clinical education coursework at health care facilities throughout the United States.

(Students must complete all requirements to be eligible for licensure)

Admission Requirements

To be eligible for admission to the physical therapy doctoral program, undergraduate students must have completed the B.S. Degree in Clinical Health Studies (described in the Ithaca College Undergraduate Catalog), achieved a cumulative GPA of 3.20 or higher, and a GPA of 3.20 or higher for all Professional Year 1 PTBS 50000 level courses.

Grade Requirements

Students in the Doctor of Physical Therapy program must achieve a 3.2 GPA for each semester or term and must earn satisfactory grades in clinical education courses in order to remain in good academic standing and continue in the program. Students in the doctoral program must maintain a minimum cumulative 3.2 GPA to successfully complete the DPT program.

Graduate level courses (500 level or 600 level courses) in the Doctor of Physical Therapy program are awarded letter grades using the following grading scale:

% earned	letter grade
93-100	A
90-92	A-
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
<70	F

- No grades of D are awarded for graduate level courses.
- Students in Clinical Education coursework are graded on a Satisfactory (S) /Unsatisfactory (U) basis
- Grades of F or U are not acceptable in any required graduate courses

Incomplete Grade for Graduate Students

A faculty member may assign a grade of "I" (incomplete) to a graduate student whose work on a thesis or other individual study course is not complete at the end of a semester or academic session. Otherwise, incompletes are given only when a student is doing satisfactory work but cannot complete the course for a reason not related to academic performance (i.e., medical, family emergency). Terms for the completion of the course are to be determined by the course instructor and will include the following: specific assignments with criteria for assessment and the due date. If no complete grade is received by the due date, a grade of F or U is recorded on the transcript.

A graduate student who receives a grade of Incomplete (I) must complete the requirements of the course within one year from the date of the last class.

Students must have satisfactorily completed all prior required course work to progress to clinical education courses.

Curricular Requirements

1. Order and Sequence of Completion of Required Courses

Courses must be satisfactorily completed in the order and timeframe specified in the DPT curriculum made available to each student unless permission to deviate from the sequence or time frame has been approved by the department faculty. Students who fail Clinical Education courses are required to successfully repeat the course the next time it is offered before continuing in the curriculum.

Students enrolled in Doctor of Physical Therapy program are required to meet all requirements for graduation within four years of date of graduation from the Clinical Health Studies program.

2. Comprehensive Practical Exam

Students enrolled in the Doctor of Physical Therapy program will demonstrate clinical readiness by successfully passing a comprehensive practical exam prior to Clinical Education I. The

examination requires demonstration of professional behaviors, safety, and integration of clinical skills covered up to this point in the curriculum.

3. Student Functional Performance Requirements

Physical therapists must have the physical and mental capacity to safely and effectively evaluate and manage the individuals they serve. A document titled "Essential Functions for Physical Therapy Practice" describes in detail the emotional, communication, cognitive, sensory/motor, and social-behavioral functions a student should be able to perform in order to practice physical therapy. Graduate students in the DPT program will have previously signed the Essential Functions document during the undergraduate component of the program indicating their acknowledgment of and ability to comply with the functions outlined in the document. All students will be advised to discuss the essential function document with their academic advisor. For all students, the document is also available on the Physical Therapy Department student Sakai site.

Students with documented disability will not be precluded from participating in the program however such students will need to be able to perform all functions with reasonable accommodation.

- fails to remove a grade of incomplete (I) in the specified time, or
- drops, withdraws, or receives an Unsatisfactory (U) grade from a clinical education course, or
- has a documented pattern of unprofessional behavior, or
- receives a grade of Unsatisfactory (U) in an ICE course

Students on Academic Warning may be allowed to progress in the curriculum only under conditions specified and approved by the faculty. Remediation for removal of academic warning status will be determined by the graduate faculty. Graduate students on academic warning will not be allowed to progress to clinical education courses.

Warning status will be removed when the student's GPA for the following academic block or semester is 3.2 or greater and the cumulative GPA is 3.2 or greater. Warning status due to unprofessional behavior will be removed when the student completes the following term without additional documented incidences of unprofessional behavior.

Clinical Education

Graduate students on academic warning due to unsatisfactory performance in an integrated clinical experience (ICE) may progress with didactic coursework while completing a remediation and repeat ICE course. Removal of academic warning status will occur upon successful completion of the remediation plan AND successful completion of the repeat ICE course.

Graduate students on academic warning due to unsatisfactory performance in a full-time clinical education course may not progress in the curriculum. Removal of this academic warning status will occur upon successful completion of the following sequence:

- satisfactorily complete Independent Clinical Study (PDPT 62900)
- repeat the clinical education course in which an Unsatisfactory (U) grade was earned the next time it is offered.

Dismissal

A graduate student in the Department of Physical Therapy is subject to dismissal for any of the following reasons:

- receives a grade of F for any course in the graduate years (including Independent Clinical Study), or
- remains on academic warning for any two consecutive full-time academic terms, or
- drops or withdraws from any two clinical education courses, or
- fails to successfully complete departmental remediation as prescribed by the faculty within the allotted time, or
- has repeated documented instances of unprofessional conduct, or
- fails the comprehensive practical examination and a re-take attempt, or
- receives an Unsatisfactory (U) in more than one clinical education course (includes ICE and full-time clinical experiences)

Suspension

A graduate student who is subject to dismissal from the program may, under extenuating circumstances, be granted a suspension from the program by the department faculty.

A student who is suspended:

- a. may not enroll in courses offered within the major.

Policies and Procedures for Academic Performance

The following sections describe those policies and procedures related to academic status and define categories of academic performance. Criteria for College or School academic status (warning, suspension, or dismissal) are specified in the Graduate catalog. The criteria below apply to departmental academic status.

Student Academic Performance Review

Grade point averages will be reviewed upon completion of each academic term (semester, block or clinical education course). The faculty will review the records of students with academic deficiencies. Academic warning, suspension, or dismissal notices will be sent to the student by the Chair of the Department of Physical Therapy. When necessary, these letters will specify criteria for reinstatement of good standing and time limitations. The Dean of the School of Health Sciences and Human performance will be informed of the student's departmental academic status. Notice of departmental academic warning will not be sent to the college Registrar.

Academic status categories

Good Academic Standing

A student is in good academic standing if they have met all academic standards, have no documented concerns regarding professional behavior and are on track to complete program requirements in the scheduled timeframe.

Departmental Academic Warning

A graduate student in the physical therapy major will be placed on academic warning within the Department of Physical Therapy for any of the following reasons:

- receives less than a 3.2 GPA in an academic term, or
- withdraws from a required course, or

- b. may apply for a leave of absence from Ithaca College in accordance with College policy.
- c. may be reinstated upon satisfactory completion of conditions specified by the Department of Physical Therapy at the time of suspension

Petition for Waiver of Departmental Academic Policy

Graduate Students who have academic deficiencies and have been placed on warning or who have been dismissed from the program according to policy may petition to waive Departmental academic policy.

Information for filing a petition can be obtained from the Department office. Department faculty review petitions to waive academic policy and make a recommendation to the dean of HSHP, who renders a decision. Students have the right to appeal an academic decision with the Office of the Provost.

Deferral or Leave of Absence from Graduate Studies

Once students graduate from the Clinical Health Studies program, they have four years to complete the DPT degree. Graduate students typically enter the graduate phase of the program the summer following the awarding of the Clinical Health Studies degree.

Students who choose to defer graduate studies for personal, health or emergency reasons must submit a request in writing (Student Intent to Not Continue/Defer in the Graduate Component of the Program) to the Chair of Graduate Studies with a rationale for taking a leave, and when possible a plan for return. See Graduate Catalog for details regarding Standard Leave of Absence, Medical Leave of Absence, or Emergency Leave of Absence. Students enrolled in coursework at the time the leave is initiated will receive a W (withdrawal) if withdrawal deadline has not passed or an I (Incomplete) if the withdrawal deadline has passed.

Students must notify in writing the Chair of Graduate Studies of their intention to return sixteen weeks prior to their planned return date. The Chair of Graduate Studies will liaison with the student and faculty to determine a plan for return that may include completion of additional coursework and/ or demonstration of knowledge or skills

Housing and Transportation Arrangements for Clinical Education Courses

During the full-time clinical education placements, students are responsible for making housing arrangements and for transportation to and from clinical facilities.

Majors

- Doctor of Physical Therapy (p. 870)

PTBS 50000 Documentation for Physical Therapy (NLA)

Introduction to written documentation of physical therapy services using the APTA Patient/Client Management Model and the International Classification of Functioning, Disability and Health Model. Topics include written documentation of initial examinations, progress notes, and discharges; legal guidelines; medical terminology; and electronic health record. Prerequisite: PTBS 40000. (Su,Y)

1 Credit

PTBS 50100 Human Anatomy (NLA)

Human Anatomy is the study of the gross anatomical components of the human body through the use of lecture and cadaver dissection. Emphasis is placed on the musculoskeletal and neurovascular systems found in the extremities, trunk, chest, and abdominal walls, and in the head and neck. Prerequisites: PTBS 31400. (U,Y)

6 Credits

PTBS 50200 Musculoskeletal I (NLA)

Application of the patient/client management model with emphasis on examination, evaluation, and diagnosis of musculoskeletal problems of the extremities. Emphasis is placed on the following skills: patient history, joint integrity and mobility, goniometry, muscle performance testing, flexibility testing, ligament testing, special orthopedic tests, and posture as it relates to the extremities. Prerequisites: PHYS 10100, PHYS 10200, and PTBS 50100. (F,Y)

4 Credits

PTBS 50300 Soft Tissue Examination and Interventions (NLA)

This lecture and laboratory course examines various methods of soft tissue examination and intervention. It is designed to expose the student to a broad spectrum of techniques, while teaching the skills of the most commonly used methods. Some of the techniques are more scientifically evidence based than others. The course will emphasize critical assessment and foster the necessity for research-based analysis. The course is also designed to develop the student's palpation skills, including the examination and evaluation of soft tissue dysfunction. Prerequisites: PTBS 50100. (F,Y)

2 Credits

PTBS 50400 Applied Biomechanics (LA)

Application of mechanical principles to human movement with particular attention to the effect of forces in producing normal movement. Students are required to apply their knowledge of anatomy to understanding individual joint function, as well as the integrated function of several joints during complex activities such as the normal gait. Prerequisites: PHYS 10100, PHYS 10200, and PTBS 50100. (F,Y)

3 Credits

PTBS 50500 Professional Development II (NLA)

Introduction to the Practice Act, roles of paraprofessionals, professional and ethical behavior, and effective communication styles. Instruction in clinical education teams, models of clinical education, and assessment of clinical performance. Prerequisites: PTBS 40100. (F,Y)

Attributes: CP
1 Credit

PTBS 50600 Medical Screening I (NLA)

This course covers the principles and interpretation of diagnostic testing. Students will become competent in understanding radiologic interpretations of X-rays, Computed Tomography, MRI, Nuclear, ultrasound imaging and nerve conduction testing. Radiographic anatomy, densities, views, and structural analysis are taught using digital imaging. Patient cases will be used to compare patho-structural diagnosis with actual symptoms and clinical presentation. Prerequisites: PTBS 31400. (F,Y)

1 Credit

PTBS 50700 Integrated Clinical Experience I (NLA)

This first clinical education experience provides students with an opportunity to work with patients under the supervision of a faculty member. Students will apply knowledge and skills and assume appropriate responsibilities in direct patient care. Pass/Fail only. Prerequisites: PTBS 40000, PTBS 50000. (F,Y,B)

1 Credit

PTBS 50800 Evidence Based Practice I (NLA)

An overview of how the research literature can guide clinical decision making and form the basis for contemporary physical therapist practice. Emphasis on how evidence is used to answer clinical questions that affect the examination process, evaluation procedures, and interventions commonly used by physical therapists. The historical background for evidence based practice will be examined at the start of this course, followed by an analysis of the fundamental components of evidence based practice. Contemporary issues in physical therapist practice will be used to illustrate various issues and topics in this course. Prerequisites: MATH 14400, MATH 14500, MATH 15500, MATH 21600 or PSYC 20700. (F,Y)

3 Credits

PTBS 50900 Integrated Clinical Experience II (NLA)

This second clinical education experience provides students with an opportunity to work with patients under the supervision of a faculty member in a diverse experience. Students will apply knowledge and skills and assume appropriate responsibilities in direct patient care. Pass/Fail only. Prerequisites: PTBS 50700. (S,Y,B)

1 Credit

PTBS 51000 Joint Mobilization (NLA)

Lecture and laboratory course that provides an evidence based manual therapy approach toward evaluation and management of musculoskeletal conditions using joint mobilization. Emphasis will be on enhancing the student's clinical reasoning and manual therapy skills. Prerequisites: PTBS 50200 and PTBS 50300. (S,Y)

2 Credits

PTBS 51002 Human Anatomy

Study of the gross anatomical components of the human body through the use of lecture and cadaver dissection. Emphasis is placed on the musculoskeletal and neurovascular systems found in the extremities, trunk, chest, and abdominal walls, and in the head and neck. Prerequisites: BIOL-20600. (Sum,Y)

6 Credits

PTBS 51100 Therapeutic Exercise (NLA)

A comprehensive analysis of the scientific principles of exercise commonly used in physical therapy practice. Specific exercise programs will be discussed, as well as adaptations of tissue to activity and immobilization. Prerequisites: PTBS 40200, PTBS 50200, and PTBS 50400. (S,Y)

3 Credits

PTBS 51103 Pathology for Physical Therapists (LA)

Examination of the components of general disease and injury processes and specific components of selected diseases likely to be encountered in physical therapy practice. General pathology topics described include cell and tissue injury, inflammation, and the healing and repair process. Specific focus on diseases of the musculoskeletal, cardiovascular, pulmonary, integumentary, and nerve systems. Emphasis is placed on understanding the underlying mechanisms of structural and functional disruptions for adults, with secondary comparisons to pathology across the life span. This course provides background information necessary for performing differential diagnosis and patient treatments. Prerequisites: PTBS 51002; PTBS 31300. (S,Y)

3 Credits

PTBS 51200 Acute Care (NLA)

This course will provide students with the knowledge related to and skills required in the acute care setting. Students will develop competency in acute care evaluations, interventions, and discharge planning. Both didactic and laboratory activities will be used to integrate curricular content to address the complex patient and dynamic environment encountered in acute care. Prerequisites: PTBS 40000. (F,Y)

2 Credits

PTBS 51300 Electrotherapeutic Modalities and Physical Agents (NLA)

The study of the biophysical, physiological, and clinical principles and procedures associated with the application of electromagnetic and acoustic energy in the clinical management of pathological conditions. Prerequisites: PHYS 10100, PHYS 10200, and PTBS 50100. (S,Y)

3 Credits

PTBS 51400 Medical Screening II (NLA)

Builds on the principles introduced in Medical Screening I allowing the students to integrate these principles into an efficient and effective patient examination. A systematic approach to evaluating a patient's history and performing a systems review allows students to identify risk factors, red flags, visceral pain patterns, and constitutional symptoms that warrant a medical referral. Decisions for recommending lab tests or imaging are based on specific medical conditions and current appropriateness criteria. Prerequisites: PTBS 50600. (S,Y)

2 Credits

PTBS 51500 Health Care Systems (NLA)

This course familiarizes students with the basic constructs of the U.S. health care system, with emphasis on how system components influence patient referrals, delivery of care, reimbursement, and outcomes. Prerequisites: PTBS 40100. (S,B,Y)

1 Credit

PTBS 52102 Musculoskeletal Examination and Evaluation (NLA)

Introduction to the patient/client management model with emphasis on examination, evaluation, and diagnosis of musculoskeletal problems of the extremities. Emphasis is placed on the following skills: patient history, range of motion, goniometry, muscle performance testing, flexibility testing, ligament testing, special orthopedic tests, and posture as it relates to the extremities. Prerequisites: PHYS 10100; PHYS 10200; PTBS 51002. (F,Y)

3 Credits

PTBS 52203 Soft Tissue Palpation and Examination (NLA)

This lecture and laboratory course examines various methods of soft tissue examination and intervention. It covers a broad spectrum of techniques while teaching the skills of the most commonly used methods. Some of the techniques are more scientifically evidence-based than others. The course emphasizes critical assessment and the need for research-based analysis. It develops palpation skills, including the examination and evaluation of soft tissue dysfunction. Prerequisite: PTBS 51002. Corequisites: PTBS 52102; PTBS 53702. (F,Y).

2 Credits

PTBS 52304 Peripheral Joint Mobilization (NLA)

Lecture and laboratory course preparing students to incorporate passive mobility testing into the patient/client examination. Students also learn to use passive joint mobilization interventions for patient/client with peripheral joint pathologies. Prerequisites: PTBS 52102; PTBS 52203. (S,Y)

1.5 Credits

PTBS 52405 Therapeutic Exercise (NLA)

A comprehensive analysis of the scientific principles of exercise commonly used in physical therapy practice. Specific exercise programs address muscle performance, endurance, mobility, and balance impairments. Adaptations of tissue on activity and immobilization are also discussed. Prerequisites: PTBS 31300; PTBS 52102; PTBS 53702 (S,Y)

3 Credits

PTBS 53101 Electrotherapeutic Modalities and Physical Agents (NLA)

The study of the biophysical, physiological, and clinical principles and procedures associated with the application of electromagnetic and acoustic energy in the prevention and treatment of pathological conditions. Prerequisites: PHYS 10100; PHYS 10200; PTBS 51002. (S,Y)

4 Credits

PTBS 53702 Applied Biomechanics (LA)

Application of mechanical principles to human movement. Particular attention to the effect of forces in producing normal movement. Students are required to apply their knowledge of anatomy to understanding individual joint function, as well as the integrated function of several joints during complex activities such as the normal gait. Prerequisites: PHYS 10100; PHYS 10200; PTBS 51002. (F,Y)

Attributes: NS

3 Credits

PTBS 54001 Professional Development I (NLA)

Description of physical therapy as a profession in the United States, including history, professional organization, roles of the physical therapist and related personnel, and scope of practice. Prerequisites: Senior standing. (F,Y)

.5 Credit

PTBS 54102 Preclinical Conference I (NLA)

Series of sessions to explain clinical education policies and procedures and choose sites for clinical affiliations. Prerequisites: Senior standing; clinical health studies major. Pass/fail only. (Su,Y)

0 Credit

PTBS 54203 Professional Development II (NLA)

Introduction to the Practice Act, Code of Ethics, roles of paraprofessionals, professional and ethical behavior, and effective communication styles. Instruction in clinical education teams, models of clinical education, and assessment of clinical performance. Corequisite: PTBS 55501. Prerequisites: PTBS 54001. (S,Y)

Attributes: CP

1 Credit

PTBS 55501 Teaching and Learning in the Clinical Setting (NLA)

Preparation to teach in a variety of settings and formats for academic, clinical, and professional purposes. Content is applicable to community presentations, group in-services, and presentations, as well as patient/family and other individualized teaching. Includes teaching/learning theories and styles, impact of age, culture, environment, and motivation, domains of learning, instructional objectives, teaching methods, and instructional technology. Evaluation, feedback, and outcome measurements are included. (S,Y)

1 Credit

PTBS 55602 Introduction to Health Care Systems (NLA)

Constructs of the U.S. health care system, with emphasis on how parts of the system influence patient referrals, delivery of care, and reimbursement. The course focuses on the health care system's influence on rehabilitation services with emphasis on allied health. Prerequisites: PTBS 54001. (S,Y)

1 Credit

PTBS 56800 Research II: Evidence-Based Practice II

Focuses on how clinicians can evaluate, integrate, and apply research to guide clinical decision making in contemporary physical therapist practice. This course builds on and applies principles introduced to PTBS 56701 (Research I: Evidence-Based Practice I), and helps students become proficient in accessing and critically reviewing the literature to answer clinical questions. Students will evaluate and categorize specific articles that illustrate various types and levels of evidence. Students explore specific clinical questions, access the scientific literature using computer databases, and plan interventions based on strength of the available evidence. This course will prepare the student to enter the Research Seminar series in their final professional year. Prerequisites: PTBS 56701.

2 Credits

PTBS 59000-59025 Selected Topics in Physical Therapy (NLA)

Clinical and professional topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. Pre-requisites: As appropriate to topics. Pass/fail only. (IRR)

0-3 Credits

PTBS 59800 Honors Seminar in Physical Therapy (NLA)

For students in the honors program. Research proposals completed in PTBS 59900 are presented and critiqued. In addition, examples of good and poor published journal articles are discussed and analyzed. Prerequisites: PTBS 59900. Note: All undergraduates taking this course for graduate credit must satisfy the conditions listed under "Course Levels." (S,Y)

1 Credit

PTBS 59900 Honors Project (NLA)

For the exceptional student who wishes to pursue graduate research. Results will be summarized in a research proposal, which is a preliminary step toward a graduate thesis. Prerequisites: PTBS 41000; permission of department chair. Note: All undergraduates taking this course for graduate credit must satisfy the conditions listed under "Course Levels." (F,Y)

3 Credits

PDPT 51004 Pharmacology (NLA)

The course analyzes the action of basic drugs, including such variables as how the drug is administered, absorbed, distributed, stored, metabolized, and excreted. Evaluation of how drugs are selected for specific pathology is also included. Special emphasis is placed on drugs that are commonly used to treat disorders seen in patients receiving physical therapy. (S,Y)

2 Credits

PDPT 52506 Spine Examination and Rehabilitation (NLA)

Examination of and interventions for patients with neuromusculoskeletal conditions affecting the spine. Students learn objective measurements of spinal posture, mobility, and function to differentiate among various spinal conditions. Selected interventions are presented and practiced. (F,Y)

3 Credits

PDPT 54300 Preclinical Conference II (NLA)

Offers the student the opportunity to prepare for the second clinical internship. This includes site selection, cardiopulmonary resuscitation procedures, updating immunizations, developing a student profile, and establishing contact with the assigned clinical site. In addition, the student will develop a personal plan and objectives for the affiliation experience. Pass/fail only. (F,Y)

0 Credit

PDPT 55900 Psychosocial Aspects of Patient Care (NLA)

A review of psychological and social issues affecting patients and therapists in the clinic, home, and community environments. Addresses special topics relevant to assessing a patient's and a clinician's response to illness. These topics include terminal illness, sexuality and illness or disability, psychosomatic illness, and selected psychiatric disorders. (F,Y)
2 Credits

PDPT 56000 Clinical Administration in Physical Therapy (NLA)

This course focuses on the organizational structure, management, program development, facilities, staffing, informational systems, reimbursement, marketing, and fiscal planning related to the practice of physical therapy. Students apply these concepts and knowledge to the development and management of a "niche" physical therapy practice or service. (F,Y)
4 Credits

PDPT 56800 Research II: Evidence-Based Practice in Physical Therapy (NLA)

Focus is on how research is used to guide clinical decision making and form the basis for contemporary physical therapist practice. Specifically, this course will build upon principles introduced in PTBS 56701 and acquaint students with how to access and critically review the literature to answer clinical questions. Students will evaluate and categorize specific articles that illustrate various types and levels of evidence. Students will also explore specific clinical questions, access the scientific literature using computer databases, and plan interventions based on the strength of the available evidence. Finally, this course will prepare the student to enter PDPT 66900 in their final professional year so they will be able to examine the existing literature and identify areas for future research. (S,Y)
2 Credits

PDPT 57000 Clinical Neuroanatomy (NLA)

Comprehensive study of the structural features and connectivity of the human central nervous system. Emphasis will be placed on understanding the clinical relationships of the morphological basis of neurological dysfunction. Exposes students to medical imaging techniques in order to provide a basis to begin neurological differential diagnosis for physical therapy. (F,Y)
3 Credits

PDPT 57100 Clinical Neurophysiology (NLA)

Clinical neurophysiology addresses the structure and function of nerve cells, somatosensory systems, motor control systems, and the autonomic nervous system. The emphasis of the course is on the development of an understanding of the processes associated with normal functioning of the nervous system in the control of posture movement. Selected examples of nervous system disorders are integrated into each major content area in order to illustrate how an understanding of normal function is important to the understanding of pathology in the nervous system. (F,Y)
3 Credits

PDPT 57200 Motor Development Across the Lifespan (NLA)

Normal motor developmental processes from the embryo to old age. Review of research in the theories of motor control, motor learning, and motor development. Emphasis is placed on the relationship of these theories to growth and development through the lifespan. Topics include the development of musculoskeletal, cardiopulmonary, sensory, and nervous system changes. Other lifespan issues include the development of posture, locomotion, fine motor, speech and language, cognition, fitness, cultural and diversity issues, and functional and developmental examination tools. (S,Y)
3 Credits

PDPT 57300 Fundamentals of the Neurological Examination (NLA)

Prepares students to perform a complete physical therapy neurological examination of patients with peripheral and central nervous system disorders. Students will be directed to perform specific tests that examine cognition, sensation, perception, tone, motor function, balance, gait, and function. The measurement properties of these clinical tests will be discussed. Specific emphasis will be directed to the electrophysiologic examination of peripheral disorders. (S,Y)
3 Credits

PDPT 59000 Clinical Education I (NLA)

The initial assignment to one of a variety of health care facilities for eight weeks. The student is assigned to specified clinical tasks under the close supervision of the clinical instructor. Professional conduct and appearance, basic musculoskeletal assessment and treatment, and application of physical agents are emphasized. Synthesis of all previous professional coursework is exhibited by designing a basic examination and intervention plan based on the results of the subjective and objective examination and substantiation of the intervention rationale. Prerequisites: PTBS 54102; PTBS 54203; PTBS 53101; PTBS 52304; PTBS 56701; PTBS 52405; PTBS 51103. Satisfactory/unsatisfactory only. (Sum,Y)
4 Credits

PDPT 59102 Clinical Education II (NLA)

The second placement for the student in a clinical environment where he or she has the close supervision of a clinical instructor. This experience provides an opportunity to practice and develop skills in analyzing motor performance, in examination and intervention of joint and soft tissue pathologies and spinal dysfunction. The student should also exhibit an understanding of the administration of a physical therapy department. The student continues to synthesize all previous professional coursework. Prerequisites: PDPT 59000. Satisfactory/unsatisfactory only. (S,Y)
4 Credits

PDPT 59500-59534 Clinical Grand Rounds (NLA)

Provides students with the opportunity to participate in physical therapy services for a variety of patients/clients with neuromusculoskeletal pathologies seen in the Ithaca College Occupational and Physical Therapy Clinic. Students participate in the physical therapy patient/client management model under the direct supervision of a licensed physical therapist.
1 Credit

PDPT 59900-59925 Selected Topics in Physical Therapy (NLA)

Clinical and professional topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. (IRR)
0-3 Credits

PDPT 60100 Wellness and Prevention (NLA)

Explores the role of physical therapy in wellness and prevention of common health concerns of individuals, groups and communities. Develops the awareness and expertise of the physical therapist in functioning in this capacity. Reinforces the physiological rationale behind designing comprehensive wellness programs. Emphasis on identifying risks, performing culturally appropriate health and wellness interventions, general concepts of program development and assessment, and integration for teaching/learning and motivation strategies. Also explores national agenda regarding health promotion and prevention of chronic disease. Prerequisites: Completion of BS in Clinical Health Studies. (F,Y,B)
1 Credit

PDPT 60200 Neuroscience (NLA)

This course covers an in-depth study of the nervous system structure and function important to the practice of physical therapy. Topics include the physical and electrical properties of cells in the nervous system, sensory-motor integration, motor and postural control, clinical syndromes, plasticity and nervous system development. Prerequisites: Completion of BS in Clinical Health Studies. (B,F,Y)

0-5 Credits

PDPT 60300 Musculoskeletal II (NLA)

Examination of and interventions for patients with neuromusculoskeletal conditions affecting the spine. Students learn objective measurements of spinal posture, mobility, and function to differentiate among various spinal conditions. Selected interventions are presented and practiced.

Prerequisites: Completion of BS in Clinical Health Studies. (F,Y)

3 Credits

PDPT 60400 Neuromuscular Foundations (NLA)

Prepares students to perform a complete physical therapy neurological examination of patients with peripheral and central nervous system disorders. Students will be directed to perform specific tests that examine cognition, sensation, perception, muscle tone, motor function, balance, gait, and function. The measurement properties of these clinical tests and balance and gait outcome measures will be discussed. Neuroplasticity and motor control theories will be presented.

Prerequisites: Completion of BS in Clinical Health Studies. (F,Y)

0-3 Credits

PDPT 60500 Pharmacology (NLA)

The course analyzes the action of basic drugs, including such variables as how the drug is administered, absorbed, distributed, stored, metabolized, and excreted. Evaluation of how drugs are selected for specific pathology is also included. Special emphasis is placed on drugs that are commonly used to treat disorders seen in patients receiving physical therapy. Prerequisites: Completion of BS in Clinical Health Studies. (F,Y)

2 Credits

PDPT 60600 Integrated Clinical Experience III (NLA)

This clinical education experience provides students with an opportunity to work with patients under the supervision of a faculty member with increasing independence in a diverse experience. Students will apply knowledge and skills in order to assume greater responsibilities in direct patient care. Satisfactory/Unsatisfactory only. Prerequisites: Completion of BS in Clinical Health Studies. (F,S,Y)

1 Credit

PDPT 60601 Integrated Clinical Experience IV (NLA)

This clinical education experience provides students with an opportunity to work with patients under the supervision of a faculty member with increasing independence in a diverse experience. Students will build apply knowledge and skills in order to assume greater responsibilities in direct patient care. Satisfactory/Unsatisfactory only. (F,IRR,S,Y)

0 Credit

PDPT 60700 Pathokinesiology (NLA)

This course presents specific pathological conditions (primarily organized according to anatomical regions) that result in disorders of posture, movement and locomotion. The presentation and analyses of these pathological conditions include neurological, neuromotor, and musculoskeletal aspects with respect to the causes of dysfunction. Laboratory exercises require the student to use movement analysis equipment to demonstrate pathomechanics and abnormal movement patterns. The course builds upon the foundations of movement analysis examined during Applied Biomechanics PTBS-50400. Prerequisites: Completion of BS in Clinical Health Studies. (F,Y)

3 Credits

PDPT 60800 Evidence-Based Practice II (NLA)

Focus is on how research is used to guide clinical decision-making and form the basis for contemporary physical therapist practice. Specifically, this course will build upon principles introduced in PTBS 50800 and acquaint students with how to access and critically review the literature to answer clinical questions. Students will evaluate and categorize specific articles that illustrate various types and levels of evidence. Students will also explore specific clinical questions, access the scientific literature using computer databases, and plan interventions based on the strength of the available evidence. Finally, this course will prepare the student to enter PDPT 61600 in their final professional year so they will be able to examine the existing literature and identify areas for future research. Prerequisites: Completion of BS in Clinical Health Studies. (S,Y)

2 Credits

PDPT 60900 Motor Development across the Lifespan (NLA)

Typical motor development processes from the embryo to old age. Review of research and theory; evaluation of gross motor and fine motor development; and the influence of perception, visualization and auditory, kinesthetic, and cognitive input on the acquisition of motor skills. Lifespan issues will be addressed. Prerequisites: Completion of BS in Clinical Health Studies. (S,Y)

3 Credits

PDPT 61000 Cardiovascular and Pulmonary Testing and Management (NLA)

A review of normal cardiovascular and pulmonary physiology, and the response of these systems to exercise and disease. Cardiovascular and pulmonary pathologies include a review of the medical and surgical management of specific diseases. Study and practice of evaluation procedures are performed in the laboratory to determine the status of cardiovascular and pulmonary function. Clinical management procedures used by all members of the rehabilitation team are reviewed, with emphasis on specific physical therapy procedures for people with cardiovascular and pulmonary problems. Prerequisites: Completion of BS in Clinical Health Studies. (S,Y)

3 Credits

PDPT 61100 Neurological Rehabilitation I (NLA)

This course focuses on the body structure/function impairments, activity limitations, and participation restrictions experienced by individuals with neurologic health conditions resulting from acquired disorders of the central nervous system. Students will apply a systematic clinical decision-making approach to the physical therapy examination of these individuals. By integrating data from the patient's medical history with reports from interdisciplinary team members, and findings from standardized examinations and functional task analysis, a movement system diagnosis and a realistic prognosis will be established. Design and progression of the physical therapy plan of care will be considered, guided by current concepts of neuroplasticity and neurotherapeutics. Prerequisites: Completion of BS in Clinical Health Studies. (S,Y) 4 Credits

PDPT 61200 Clinical Education I (NLA)

The first full time placement for the student in a clinical environment where he or she has the close supervision of a clinical instructor. This experience provides an opportunity to practice and develop skills in analyzing motor performance, in examination and intervention of joint and soft tissue pathologies and spinal dysfunction. The student should also exhibit an understanding of the administration of a physical therapy department. The student continues to synthesize all previous professional coursework. Satisfactory/Unsatisfactory only. Prerequisites: Successful completion of all prior required coursework. (U,Y) 4 Credits

PDPT 61300 Clinical Orthopedics (NLA)

Reviews the medical and conservative management of common orthopedic disorders. Initially the course focuses on review of basic principles of orthopedic diagnosis and pathology, followed by medical and conservative management of common orthopedic disorders of the extremities. An expectation is that students will integrate information gained from prior coursework. Prerequisites: Successful completion of all prior required coursework. (B,F,Y) 3 Credits

PDPT 61400 Clinical Administration in Physical Therapy (NLA)

In this course students learn how to start and manage a physical therapy practice. The course focuses on organizational structure, management, program development, facilities, staffing, information systems, reimbursement, marketing, and fiscal planning. Prerequisites: Successful completion of all prior required coursework. (F,Y) 3 Credits

PDPT 61500 Neurological Rehabilitation II (NLA)

This course builds on concepts introduced in PDPT 61100, with a focus on the body structure/function impairments, activity limitations, and participation restrictions experienced by individuals with neurologic health conditions resulting from specific acquired disorders of the central and peripheral nervous system. Students will gain continued exposure to the application of a systematic clinical decision-making approach to the physical therapy examination process, integrating data from the patient's medical history with reports from interdisciplinary team members and findings from standardized examinations and functional task analysis to arrive at a movement system diagnosis and establish a realistic prognosis. Design and progression of the physical therapy plan of care will be considered, guided by current concepts of neuroplasticity and neurotherapeutics as it applies to the health conditions that are considered. Prerequisites: Successful completion of all prior required coursework. (F,Y) 3 Credits

PDPT 61600 Case Report I (NLA)

This course is focused on case report methodology to model evidence based practice. Students will identify a relevant case during Clinical Education I and use the information to base their project on. Online lectures will focus on how to prepare a manuscript, abstract, and poster presentation. Students will have frequent individual and small group meetings with a project mentor throughout the semester. Prerequisites: PDPT 61200. (F,Y) 2 Credits

PDPT 61700 Pediatric Rehabilitation (NLA)

This course focuses on the etiology, pathology, diagnosis, medical, surgical, and physical therapy management of pediatric disorders of the neuromuscular system (inherited and acquired disorders of development and movement). Using the International Classification of Functioning and Disability (ICF) framework, students will apply systematic clinical decision-making that integrates all aspects of patient-client management for infants, toddlers, children, teens, and young adults aged birth to 21 years. Prerequisites: Successful completion of all prior required coursework. (F,Y) 3 Credits

PDPT 61800 Orthotics/Prosthetics (NLA)

An in-depth review of the principles and practices of orthotics and prosthetics as applied by a physical therapist. This includes a survey of the basic biomechanical principles used in applying orthotic and prosthetic appliances as well as principles of patient application, training and management of complications. Prerequisites: Successful completion of all prior required coursework. (F,Y) 2 Credits

PDPT 61900 Clinical Education II (NLA)

This is a student's second full time placement in a clinical environment, giving the opportunity to apply more advanced theories and treatment procedures to a selected patient caseload with guidance from a clinical instructor. Satisfactory/Unsatisfactory only. Prerequisites: Successful completion of all prior required coursework. (S,Y) 5 Credits

PDPT 62000 Psychosocial Aspects of Patient Care (NLA)

A review of psychological and social issues affecting patients and therapists in the clinic, home, and community. Addresses special topics relevant to assessing a patient's and a clinician's response to illness. These topics include health, culture, sexuality, bias, disability, abuse, psychosomatic illness, pain perception, grief and loss, and selected psychiatric disorders. Students will consider psychological, social, cultural and ethical issues of clients/patients and physical therapists' interactions in current practice settings. Emphasis will be placed on health, illness, and disability. Various theoretical frameworks will be introduced. Students will participate in large and small group discussions and have opportunities to reflect on their own values, beliefs, and biases as well as their past health-related experiences. The aim of the course is to integrate the psychosocial and physical aspects of patient care and yield reflective and effective health care providers. Prerequisites: Successful completion of all prior required coursework. (S,Y) 3 Credits

PDPT 62100 Advanced Clinical Management (NLA)

This course focuses on the clinical reasoning process to manage complex cases and the interaction with other healthcare specialists. Students will be required to integrate concepts from previous coursework as they consider reasoning strategies for cases with multisystem disease. This case-based course will require students to work through diagnosis, prognosis, and interventions, including treatment progression and consideration of the need for referral of multi-disciplinary management. Prerequisites: Successful completion of all prior required coursework. (S,Y)
2 Credits

PDPT 62200 Case Report II (NLA)

This course is a continuation of Case Report I that is focused on case report methodology to model evidence based practice. Frequent meetings with a project mentor occurs throughout the semester while the student writes their final paper and prepares for presentation. Prerequisites: Successful completion of all prior required coursework. (S,Y)
1 Credit

PDPT 62300 Professional Development III (NLA)

A continuation of the professional development series, this course advances the students' understanding and application of their role as a professional in their relationship with patients/clients, in the practice setting and in our society. Analyses of clinical situations facilitate student exploration of ethical decision-making, patient advocacy, cultural diversity, leadership, and application of professionalism. Strategies for adaptability and time management in the clinical setting are presented. This class prepares students to enter the workforce, begin clinical practice, and continue on a path of lifelong learning. Prerequisites: Successful completion of all prior required coursework. (S,Y)
1 Credit

PDPT 62400 Clinical Education III (NLA)

This is a student's final full time placement in a clinical environment. This course is the capstone course in the clinical education series. At the conclusion of the 12-week placement, the student is expected to demonstrate entry level physical therapy practice. Satisfactory/Unsatisfactory only. Prerequisites: Successful completion of all prior required coursework. (U,Y)
6 Credits

PDPT 62607 Clinical Orthopedics

Reviews the medical and conservative management of common orthopedic disorders. Initially the course focuses on review of basic principles of orthopedic diagnosis and pathology, followed by medical and conservative management of common orthopedic disorders of the extremities. An expectation is that students will integrate information gained from prior coursework. (F,Y)
2 Credits

PDPT 62900 Independent Clinical Study (NLA)

This course is designed to meet the individual needs of a student, which are identified during a clinical education course. Content of this course will address specific objectives identified by the student, the clinical instructor(s), and the director of clinical education. Prerequisites: All previous coursework; faculty permission required. (F,S,Y)
1-3 Credits

PDPT 63800 Pathokinesiology (NLA)

Presents specific pathological conditions (primarily organized according to anatomical regions) that result in disorders of posture, movement, and locomotion. The presentations and analyses of these pathokinesiological conditions include neurological, neuromotor, and musculoskeletal aspects with respect to the causes of dysfunction. Laboratory exercises require the student to use movement analysis equipment to demonstrate pathomechanics and abnormal movement patterns. (F,Y)
3 Credits

PDPT 63900 Orthotics/Prosthetics (NLA)

An in-depth review of the principles and practices of orthotics and prosthetics as applied by a physical therapist. This includes a survey of the basic biomechanical principles used in applying orthotic and prosthetic appliances, as well as principles of patient application, training, and management of complications. (S,Y)
2 Credits

PDPT 64500 Pre-Clinical Conference III (NLA)

A series of sessions to explain the policies and procedures for graduate clinical education and choose sites for graduate clinical affiliations. Pass/fail only. (F,Y)
0 Credit

PDPT 64600 Professional Development III

A continuation of the professional development series, this course advances the students' understanding and application of their role as a professional in their relationship with patients/clients, in the practice setting and in our society. Prepares students for participation in clinical education coursework and clinical practice. Strategies for adaptability and time management in the clinical setting are presented. Analyses of clinical situations facilitate student exploration of ethical decision making, patient advocacy, cultural diversity, leadership, and application of professionalism. (S,Y)
1.5 Credits

PDPT 66900 Research III: Research Seminar (NLA)

Research III is a hour course designed to provide a mentored experience in evidence based practice to entry level physical therapy students. Working in small groups with a mentor, students use evidence based practice principles to make clinical decisions associated with diagnosis, therapy and prognosis. At the completion of each case students are expected to determine optimal diagnostic and intervention procedures for each case based on current evidence. (F,Y)
3 Credits

PDPT 67400 Neurological Rehabilitation I (NLA)

This course focuses on the body structure / function impairments, activity limitations, and participation restrictions experienced by individuals with neurologic health conditions resulting from acquired disorders of the central nervous system. Students will apply a systematic clinical decision-making approach to the physical therapy examination of these individuals, integrating data from the patient's medical history with reports from interdisciplinary team members and findings from standardized examinations and functional tasks analysis to arrive at a movement system diagnosis and establish a realistic prognosis. Design and progression of the physical therapy plan of care will be considered, guided by current concepts of neuroplasticity and neurotherapeutics. (F,Y)
3 Credits

PDPT 67500 Neurological Rehabilitation II (NLA)

This course builds on concepts introduced in PDPT 67400, with a focus on the body structure / function impairments, activity limitations, and participation restrictions experienced by individuals with neurological health conditions resulting from specific acquired disorders of the central and peripheral nervous system. Students will gain continued exposure to the application of a systematic clinical decision-making approach to the physical therapy examination process, integrating data from the patient's medical history with reports from interdisciplinary team members and findings from standardized examinations and functional task analysis to arrive at a movement system diagnosis and establish a realistic prognosis. Design and progression of the physical therapy plan of care will be considered, guided by current concepts of neuroplasticity and neurotherapeutics as it applies to the health conditions that are considered. (F,Y)

3 Credits

PDPT 67600 Pediatric Rehabilitation (NLA)

This course focuses on the etiology, pathology, diagnosis, medical, surgical, and physical therapy management of pediatric disorders of the neuromuscular system. Identification of body structure/ function impairments, activity limitations, and participation restrictions experienced by children with inherited and acquired disorders of development and movement is emphasized. Students will apply a systematic clinical decision-making model that integrates review of records, data collection, hypothesis formulation and development of an appropriate pediatric plan of care. (F,Y)

2.5 Credits

PDPT 68100 Cardiac Testing and Management (NLA)

A review of normal cardiac physiology and the response of this system to exercise and disease. Cardiac pathologies are discussed, including a review of the medical and surgical management of specific disease groups. Evaluation procedures utilized to determine the status of the cardiac system's performance are studied and performed in the laboratory. Clinical management procedures used by all members of the rehabilitation team are reviewed with emphasis on specific physical therapy procedures. (S,Y)

2 Credits

PDPT 68260 Medical Screening and Disease

General overview of common diseases and surgical interventions in the practice of general medicine and surgery that may be seen in physical therapist practice. Presentations by clinical practitioners will emphasize medical and surgical management procedures. With these topics serving as a foundation for medical screening of major organ systems within existing physical therapy examination techniques will enable the student to differentiate between patients and clients who are appropriate for physical therapy intervention, need closer monitoring and those who should be referred to other medical practitioners. Complex cases with multisystem diseases will be discussed. (S,Y)

4 Credits

PDPT 68300 Pulmonary Testing and Management (NLA)

Review of normal pulmonary physiology and the response of the pulmonary system to exercise and disease. Pulmonary pathologies are discussed, including a review of the medical and surgical management of specific disease groups. Evaluation procedures utilized to determine the status of the pulmonary system's performance are studied and performed in the laboratory. Clinical management procedures used by all members of the rehabilitation team are reviewed, with emphasis on specific physical therapy procedures utilized in treating patients with pulmonary disease. (S,Y)

2 Credits

PDPT 68450 Advanced Clinical Reasoning

This course challenges students to explore a novel or controversial physical therapy management issue. The topics are chosen by the faculty and approached from three perspectives including 1) theory development, 2) evidence based medicine, and 3) management issues. Each project must include the following theory, evidence, and application to patients. Students are expected to gain practical experience implementing changes in care delivery. (S,Y)

2 Credits

PDPT 68500 Wellness and Prevention

The role of physical therapy in wellness and prevention for individuals, groups, and communities. The physiological rationale behind designing comprehensive wellness programs is presented. Topics include the development and implementation of general fitness and prevention programs for a variety of clients, including those with chronic disabilities. (F,Y)

1 Credit

PDPT 68700 Pre-Clinical Conference IV

The course provides for a formal series of sessions during which students will be provided pertinent information and instruction regarding Clinical Education IV-V and IV/V experiences. (S/Y)

0 Credit

PDPT 69000-69010 Selected Topics in Physical Therapy (NLA)

Clinical and professional topics of current interest to faculty and students. This course may be repeated for credit for different selected topics. (IRR)

0-3 Credits

PDPT 69200 Clinical Education III (NLA)

A student's third placement in a clinical environment, giving the opportunity to apply more advanced theories and treatment procedures to a selected patient caseload with guidance from a clinical instructor. Eight weeks in length. Prerequisites: Satisfactory completion of all prior required coursework. Satisfactory/unsatisfactory only. (S,Y)

4 Credits

PDPT 69300 Clinical Education IV

This is the fourth course in the clinical education series. The student is expected to begin to assume the role of the primary physical therapist under the direct supervision of a licensed physical therapist. The student begins to manage all aspects of patient care. One six-week session. Student must register for this course and PDPT 69400 or register for PDPT 69500. Satisfactory/unsatisfactory only. (Sum,Y)

3 Credits

PDPT 69400 Clinical Education V

This is the fifth and final course in the clinical education series. The student is expected to begin to assume the role of the primary therapist under the direct supervision of a licensed physical therapist. The student achieves competency in managing all aspects of patient care. One six-week session. Student must register for this course and PDPT 69300 or register for PDPT 69500. Satisfactory/unsatisfactory only. (Sum,Y)

3 Credits

PDPT 69500 Clinical Education IV/V

Clinical Education IV/V is one of the final options for placement of the student in a clinical environment. This course is the capstone course in the clinical education series. At the conclusion of the 12-week placement, the student is expected to demonstrate entry level physical therapy practice. One 12-week session. Students must register for this course or PDPT 69300 and PDPT 69400. Satisfactory/unsatisfactory only. (Sum,Y)

6 Credits

PDPT 69900 Independent Study (NLA)

This course, which requires a faculty sponsor, allows students to complete an in-depth study or project in an area of their interest related to physical therapy. Includes a final presentation. Prerequisites: Permission of faculty sponsor, academic adviser, graduate chair, and dean. May be repeated for a total of (F,S,Y)

1-3 Credits

Doctor of Physical Therapy

Graduation Requirements

All required graduate coursework is listed below and must be taken in the sequence established by the department unless permission to deviate from the sequence or time frame has been approved by the graduate faculty. Candidates for a doctor of physical therapy degree are required to meet all requirements for graduation within four years of their matriculation into the graduate program.

All physical therapy majors must take graduate-level courses offered by the Department of Physical Therapy for a letter grade unless otherwise specified in the course descriptions. All graduate students must maintain a cumulative GPA of 3.2 or higher to successfully complete the program.

Curriculum

Code	Title	Credits
Required Courses		
PDPT 60100	Wellness and Prevention	1
PDPT 60200	Neuroscience	5
PDPT 60300	Musculoskeletal II	3
PDPT 60400	Neuromuscular Foundations	3
PDPT 60500	Pharmacology	2
PDPT 60600	Integrated Clinical Experience III	1
PDPT 60601	Integrated Clinical Experience IV	0
PDPT 60700	Pathokinesiology	3
PDPT 60800	Evidence-Based Practice II	2
PDPT 60900	Motor Development across the Lifespan	3
PDPT 61000	Cardiovascular and Pulmonary Testing and Management	3
PDPT 61100	Neurological Rehabilitation I	4
PDPT 61200	Clinical Education I	4
PDPT 61300	Clinical Orthopedics	3
PDPT 61400	Clinical Administration in Physical Therapy	3
PDPT 61500	Neurological Rehabilitation II	3
PDPT 61600	Case Report I	2
PDPT 61700	Pediatric Rehabilitation	3
PDPT 61800	Orthotics/Prosthetics	2
PDPT 61900	Clinical Education II	5
PDPT 62000	Psychosocial Aspects of Patient Care	3
PDPT 62100	Advanced Clinical Management	2
PDPT 62200	Case Report II	1
PDPT 62300	Professional Development III	1
PDPT 62400	Clinical Education III	6

Total Credits

68

Physician Assistant Studies

Susan Salahshor, Assistant Professor and Program Director

The Ithaca College MS-PAS program is a 27-month continuous residential program; committed to creating academic excellence in physician assistant education, through integration of medical knowledge, clinical practice, and exemplary professional performance.

The program has a strong emphasis on respect and care for all human beings, a culture of physical and emotional wellness and adopting an equity framework of inclusion to meet the needs of patients from a diversity of backgrounds in our community, including socio-economic, religious, cultural, sexual orientation and gender identity while practicing good stewardship. Learners receive instruction in leadership, advocacy, ethics, health policy, social justice, population, and community health in an interprofessional environment to serve their communities and narrow the health disparity gap.

Interprofessional education is a foundational practice in Ithaca College School of Health Sciences and Human Performance. Learners actively participate in interprofessional learning activities based in population and community health with emphasis on continuous quality improvement to narrow the healthcare disparities gap. Learners identify a specific patient-centered project within the community, design and defend a quality improvement project that addresses a health disparity and empowers the community. Through these activities, learners will gain real life experience in clinical practice and learn leadership and advocacy skills.

The 27-month physician assistant program awards an M.S. degree in physician assistant studies. The program includes 15 months of didactic classroom work and 12 months of supervised clinical experiences in healthcare facilities. The didactic phase includes education in the basic science understanding of each organ system, exposure to patients in clinical settings, and simulated practice in the Clinical Learning Center and Simulation Lab. The clinical phase includes seven required rotations, two elective rotations, and a transition to clinical practice course.

Admissions Requirements

To be eligible for admission in the PA program, a baccalaureate degree from a U.S. regionally accredited college or university is required.

Please refer to the admissions requirements (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/graduate-programs/physician-assistant-studies/admission/admission-requirements/>) section for more detailed information regarding admission into the program.

Technical Standards

The Ithaca College MS-PAS program is committed to complying with Section 504 of the 1973 Vocational Rehabilitation Act and PL 101-336 the Americans with Disabilities Act (ADA), and ascertains that the following minimum technical standards must be present in candidates.

- 1. Professionalism.** Learner will:
 - a. Maintain a professional appearance; dress according to program and school guidelines.
 - b. Arrive on time for classes, clinical experiences, and meetings.
 - c. Prepare fully for classes, clinical experiences, and meetings; submit assignments and reports on time.

- d. Abide by college, school, department, program, clinical field placement, and professional association policies and procedures.
2. **Emotional, Behavioral, and Social Skills.** Learners must possess the ability to understand and utilize verbal, non-verbal, and written communication, including oral and written English. Learner will:
- Possess emotional health required to make sound judgments.
 - Demonstrate behaviors appropriate to the situation.
 - Use appropriate coping strategies.
 - Demonstrate active learning.
 - Respond to stressful situations effectively by recalling knowledge from short-term and long-term memory.
 - Possess ability to tolerate physically and mentally taxing workloads.
3. **Collaboration and Communication.** Learners must possess the ability to understand and utilize verbal, non-verbal, and written communication, including oral and written English. Learner will:
- Foster positive relationships and collaborate with a variety of target groups (e.g.: learners, families, colleagues, local community members, etc.) as appropriate.
 - Treat others with dignity, respect, fairness, and sensitivity.
 - Speak and write clearly, effectively, and appropriately.
 - Maintain professionally appropriate etiquette in all forms of communication.
 - Respect privacy and confidentiality of information where appropriate.
4. **Cognitive and Critical Thinking.** Learners must meet academic standards and possess critical thinking abilities sufficient for making sound judgments. Learner will:
- Utilize their full intellectual abilities (measurement, calculation, reasoning, analysis, and synthesis) with an understanding of the rationale and justification within clinical and laboratory settings.
 - Recall, interpret, analyze, and apply information from a variety of sources, including reading material, lecture, discussion, patient observation, examination, and evaluation.
 - Determine what data and methods are needed to solve simple and complex problems.
 - Demonstrate appropriate responses to emergency situations.
 - Demonstrate alertness and attentiveness during general core and emergency treatments.
5. **Sensory-Motor.** Learners must possess adequate strength, dexterity, balance, and sensation to accurately carry out clinical activities. Learner will:
- Have sufficient motor function to elicit information from patients by palpitation, auscultation, percussion, and other diagnostic maneuvers.
 - Be able to do basic laboratory tests, carry out diagnostic procedures, and read electrocardiograms (ECGs) and X-rays.
 - Be able to execute motor movements reasonably required to provide general care and emergency treatment to patients.
 - Examples of emergency treatment reasonably required of physician assistants are cardiopulmonary resuscitation, the administration of intravenous medication, application of pressure to stop bleeding, the opening of obstructed airways, the suturing of simple wounds, and the performance of simple obstetrical maneuvers.
 - Such actions require coordination of both gross and fine muscular movements, equilibrium, and functional use of the senses of touch and vision.
 - Have sufficient function to observe a patient at arms-length or at a distance.
 - Have sufficient sense of smell, vision, and hearing to assess during clinical activities.
6. **Professional Development and Reflective Practice.** Learner will:
- Critically examine one's own practice.
 - Respond well to and incorporate feedback.
 - Use available resources and explore additional ones in an effort to improve teaching and support learning.
 - Engage in positive problem solving when challenges arise.
 - Seek out and participate in professional development opportunities.
 - Adapt to changes and be flexible based on the uncertainties in the delivery of care.
7. **Commitment to Affirming All Learners.** Learner will:
- Examine own frames of references (including, but not limited to, race, culture, gender, language, abilities, ways of knowing) to uncover and address the potential biases in these frames.
 - Communicate respect for learners as individuals with differing personal and family backgrounds and various assets, skills, perspectives, talents, and interests.
 - Demonstrate commitment to incorporating knowledge of learners' diverse strengths in instruction.
 - Hold oneself accountable for all learners' learning.
 - Demonstrate high expectations that are developmentally appropriate for each individual learner.
- The technical standards, program policies, as well as academic, clinical and professional behavior standards are published in the Learner Handbook (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/graduate-programs/physician-assistant-studies/learner-handbook/>) and the Clinical Phase Handbook (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/graduate-programs/physician-assistant-studies/clinical-handbook/>).
- Master of Science in Physician Assistant Studies (p. 875)
- PASG 60000 Medical Interviewing Documentation & Counseling (NLA)**
 Equip the learner with the fundamentals of patient-centered communication skills, patient education and basic counseling techniques as well as the components of the medical interview. Develop competency in behavioral change counseling strategies such as motivational interviewing. Reinforce these concepts through the introduction to medical documentation. (B,F,Y)
 3 Credits

PASG 60100 Foundations of Medical Sciences: Genetics, Microbiology/ Infectious Disease (NLA)

Introduces topics in Genetics, Microbiology, and Infectious Disease in the context of clinical practice. Genetics has a clinical focus based on understanding different disease processes, the role of genetic counseling, the ethical and legal issues related to genetic screening and genetic testing. Microbiology and Infectious Disease covers mechanisms of transmission, principles of aseptic practice, and the role of the human body's normal microflora and the mechanisms by which pathogens cause disease in the human body. (B,F,Y)

3 Credits

PASG 60200 Foundations of Medical Sciences: Physiology (NLA)

Describes the normal physiologic function of the cell and organ systems from a clinical perspective. Describes and explains selected disease states in preparation for Clinical Medicine lecture series, Pathophysiology I and Pathophysiology II. (B,F)

3 Credits

PASG 60300 Diagnostic Imaging (NLA)

Describe and explain typical radiographic findings versus abnormal findings. Recognize how to determine the most appropriate imaging study to order for screening and diagnosis to manage the patient's signs and symptoms. Practice verbal and written communication with healthcare professionals in the radiology department based on the patient's signs and symptoms. Practice verbal communication about the radiological findings with patients. (B,F,Y)

2 Credits

PASG 60400 Human and Radiographic Anatomy and Lab (NLA)

Conduct a complete dissection of the main components of the human body to understand the structure and function, and aid in the performance of physical examination and clinical procedures. (B,F,Y)

6 Credits

PASG 60500 Physician Assistant Professional Practice (NLA)

Provide learners with the history of the Physician Assistant profession, social, regulatory, economic and political aspects of becoming a Physician Assistant. Discuss the professional organizations that represent Physician Assistants. Utilize the knowledge gained to advocate for Physician Assistant profession. Engage with other health professionals to advance clinical practice to meet the needs of patients. Recognize and consider ethical responsibilities in patient care. Identify and assess risk of stress and burnout as a healthcare professional. (F,Y)

1 Credit

PASG 60610 Clinical Assessment I (NLA)

Develop patient-centered communication skills through history taking and interviewing. Use medical diagnostic equipment in conjunction with patient-centered history taking and interview to develop skills for performing a complete and focused physical examination from head-to-toe. Examine lab partners and standardized patients to gain the skills and knowledge to perform a thorough history and physical examination. Prerequisites: PASG 60000. (S,Y)

4 Credits

PASG 60620 Clinical Assessment II (NLA)

Develop proficiency in patient-centered communication skills through comprehensive population specific and focused history taking and interviewing. Use medical diagnostic equipment to refine skills for performing comprehensive population specific and focused physical examinations. Examine peers and standardized patients to advance the skills and knowledge to perform focused history and physical examinations. Prerequisites: PASG 60610. (U,Y)

4 Credits

PASG 60710 Clinical Laboratory and Diagnostics I (NLA)

Select, utilize and interpret clinical laboratory, imaging and other diagnostic test to evaluate each system's principal functions. The topics are synchronized with and correlate to topics in Clinical Medicine I, Pathophysiology of Disease I, Clinical Assessment I and Pharmacology and Therapeutics I. The first of a two part series, where the learner receives instruction in medical laboratory and radiographic studies used in the diagnosis and management of common disorders of the major body systems. (S,Y)

2 Credits

PASG 60720 Clinical Laboratory and Diagnostics II (NLA)

Select, utilize and interpret clinical laboratory, imaging and other diagnostic tests to evaluate each system's principal functions. The topics are synchronized with and correlate to topics in Clinical Medicine II, Pathophysiology of Disease II, Clinical Assessment II and Pharmacology and Therapeutics II. The second of a two part series, where the learner receives instruction in medical laboratory and radiographic studies used in the diagnosis and management of common disorders of the major body systems. Prerequisites: PASG 60710. (U,Y)

2 Credits

PASG 60810 Clinical Medicine I (NLA)

Integrates epidemiology, risk factors (including genetics, as applicable), pathophysiology, signs and symptoms, history and physical findings, laboratory and diagnostic tests, differential diagnosis, therapeutic management, possible complications, prognosis, prevention measures, patient education and follow up of disorders encountered in a primary care setting across the lifespan. Applies a system approach delivered through a combination of traditional lecture and Team Based Learning (TBL) sessions. The topics synchronized with and correlative to topics in Pathophysiology of Disease I, Pharmacology & Therapeutics I, Clinical Assessment I and Clinical Laboratory Medicine I. Organ systems covered in Clinical Medicine I include: Dermatology, Ophthalmology, Otolaryngology (ENT), Cardiology, Electrocardiography (ECG), Pulmonology Medicine, and Hematology/Oncology (Liquid Malignancies). Prerequisites: PASG 60100, PASG 60200, PASG 60400. (S,Y)

6 Credits

PASG 60820 Clinical Medicine II (NLA)

Integrates the epidemiology, risk factors (including genetics, as applicable), pathophysiology, signs and symptoms, history and physical findings, laboratory and diagnostic tests, differential diagnosis, therapeutic management, possible complications, prognosis, prevention measures, patient education, referral, and follow up of disorders encountered in a primary care setting across the lifespan. Applies a system approach delivered through a combination of traditional lecture and Team Based Learning (TBL) sessions. The topics synchronized with and correlative to topics in Pathophysiology of Disease II, Pharmacology & Therapeutics II, Clinical Assessment II and Clinical Laboratory Medicine II. Organ systems covered in Clinical Medicine II include: Gastroenterology, Nephrology/Urology, Endocrinology, Rheumatology, Orthopedics, Neurology, and Oncology. Prerequisites: PASG 60610, PASG 60710, PASG 60810, PASG 61010, PASG 61310. (U,Y)

6 Credits

PASG 60830 Clinical Medicine III (NLA)

Integrates the epidemiology, risk factors (including genetics, as applicable), pathophysiology, signs and symptoms, history and physical findings, laboratory and diagnostic tests, differential diagnosis, therapeutic management, possible complications, prevention measures, prognosis, patient education, referral, and follow-up of emergent and non-emergent disorders encountered across the lifespan in primary care. Apply knowledge obtained in Clinical Medicine I and II to specific populations and clinical situations. It is delivered through a combination of traditional lectures and Team Based Learning (TBL) sessions.

Topics covered in Clinical Medicine III: Emergency Medicine, General Surgery, Geriatrics, Pediatrics, and Women's Health. Throughout each module, learners will engage in critical thinking and integration of clinical concepts exercises through TBL. Prerequisites: PASG 60620, PASG 60720, PASG 60820, PASG 61020, PASG 61320. (F,Y)

6 Credits

PASG 60910 Evidenced Based Medicine I: Introduction & Research Methodology (NLA)

Describe the foundational principles and terms related to evidenced-based medicine and practice. Identify typical research design models and methodology. Explain basic statistical principles. Learn methods to appraise the quality of clinical research. Explain how to use evidenced-based medicine to communicate with and inform patients about clinical practice. First in a series of three courses. (S,Y)

2 Credits

PASG 60920 Evidenced Based Medicine II: Critical Appraisal (NLA)

Apply the principles of Evidenced-Based Medicine and Practice (EBM and EBP) to an answerable clinical question. Create a literature review plan based on a clinical research question using appropriate search terms, database, and information sources. Analyze and appraise the medical literature and pharmaceutical materials. Create literature review. The second in a series of three courses. Prerequisites: PASG 60910. (U,Y)

2 Credits

PASG 60930 Evidenced Based Medicine III: Effective Communication in Health Care (NLA)

Apply the principles of Evidenced-Based Medicine and Practice (EBM and EBP) to Community-Based Participatory Research. Create an answerable clinical question or examine a process in clinical practice for improvement to deliver safe, efficient, timely, quality patient care. Analyze and appraise the quality improvement medical literature. Practice summarizing findings in a scholarly format appropriate for publication. The third in a series of three courses. Prerequisites: PASG 60920. (F,Y)

2 Credits

PASG 61010 Pharmacology and Therapeutics I (NLA)

Describe and explain the general principles of the effects of drugs on different organ systems and disease processes. Describe and explain the mechanism by which drugs produce their therapeutic and toxic effects, and the factors influencing their absorption, distribution and biological actions. Topics are synchronized with and correlative to topics in Clinical Medicine I, Pathophysiology of Disease I, Clinical Assessment I and Clinical Laboratory Medicine I. The first in a series of two courses. Prerequisites: PASG 60100, PASG 60200. (S,Y)

2 Credits

PASG 61020 Pharmacology and Therapeutics II (NLA)

Describe and explain the general principles of the effects of drugs on different organ systems and disease processes. Describe and explain the mechanism by which drugs produce their therapeutic and toxic effects, and the factors influencing their absorption, distribution and biological actions. Topics are synchronized with and correlative to topics in Clinical Medicine II, Pathophysiology of Disease II, Clinical Assessment II and Clinical Laboratory Medicine II. The second in a series of two courses. Prerequisites: PASG 61010. (U,Y)

2 Credits

PASG 61100 Leadership and Advocacy (NLA)

Define and describe the attributes of a leader. Explain the roles of Physician Assistant leaders. Prepare Physician Assistant learners to take a leadership role in the delivery of patient-centered care. Recognize and appropriately address gaps in medical knowledge and physical and mental limitations in self and others. Advocate for patients through involvement in quality improvement initiatives. Advocate for the PA profession by developing leadership skills and an understanding of the importance of quality improvement in patient safety. Commitment to excellence and ongoing professional development. Prerequisites: PASG 60500. (S,Y)

1 Credit

PASG 61210 Interprofessional Education I (NLA)

Identify and implement the principles of interprofessional education and collaborative practice. Apply the knowledge of one's own role and those of other professions to appropriately assess and address the health care needs of patients and to promote and advance the health of populations (IPEC Competency 2). Define collaboration more effectively and creatively across health care disciplines to optimize health care and improve population outcomes. The first of two courses. Prerequisites: PASG 60500. (S,Y)

0 Credit

PASG 61220 Interprofessional Education II: Interprofessional Communication (NLA)

Expand on identification and implementation of the principles of interprofessional education and collaborative practice. Communicate with patients, families, communities, and professionals in health and other fields to promote and maintain health and prevention of disease (IPEC Competency 3). Develop communication skills to collaborate more effectively and creatively across health care disciplines to optimize health care and improve population outcomes. Builds on IPE I. Prerequisites: PASG 61100, PASG 61210. (U,Y)

0 Credit

PASG 61310 Pathophysiology I (NLA)

Apply knowledge from the basic medical sciences to clinical medicine. Expand on the overview of medical physiology and introduce underlying pathological basis for specific disease processes common to primary care. Explore congenital and acquired diseases with an emphasis on providing understanding of pathologic physiology in conjunction with information regarding medical history and laboratory data to solve case based clinical problems during small group discussions. Examine how pathophysiology translates into patient signs, symptoms and laboratory test results. Identify the thought processes leading to development of differential diagnoses. The first of a two-semester series. Synchronized with appropriate and correlative lectures in Clinical Assessment I, Clinical Medicine I, Clinical Laboratory Medicine I and Pharmacology & Therapeutics I. Prerequisites: PASG 60200. (S,Y)

2 Credits

PASG 61320 Pathophysiology II (NLA)

Apply knowledge from the basic medical sciences to clinical medicine. Expand on the overview of medical physiology and introduce underlying pathological basis for specific disease processes common to primary care. Explore congenital and acquired diseases with an emphasis on providing understanding of pathologic physiology in conjunction with information regarding medical history and laboratory data to solve case based clinical problems during small group discussions. Examine how pathophysiology translates into patient signs, symptoms and laboratory test results. Identify the thought processes leading to development of differential diagnoses. The second of a two-semester series. Synchronized with appropriate and correlative lectures in Clinical Assessment II, Clinical Medicine II, Clinical Laboratory Medicine II and Pharmacology & Therapeutics II. Prerequisites: PASG 61310. (U,Y) 2 Credits

PASG 61400 Behavioral and Mental Health Care (NLA)

Integrates the epidemiology, risk factors (including genetics, as applicable), pathophysiology, signs and symptoms, history and physical findings, laboratory and diagnostic tests, differential diagnosis, therapeutic management, possible complications, prevention measures, prognosis, patient education and follow-up of emergent and non-emergent disorders encountered across the lifespan in primary care related to Behavioral and Mental Health. Utilizes a systems approach and is delivered through a combination of traditional lectures and Team Based Learning (TBL) sessions. Prerequisites: PASG 60820, PASG 61020, PASG 61320. (F,Y) 3 Credits

PASG 61500 Clinical Skills and Procedures (NLA)

Introduce learners to essential procedures and skills necessary for primary care practice such as venipuncture; injection techniques; casting and splinting; suturing and more. Participate in Basic Life Support, Advanced Cardiac Life Support and Pediatric Advanced Life Support Certification training. Prerequisites: PASG 60620, PASG 60820. (F,Y) 4 Credits

PASG 61600 Ethics, Law, and Social Justice in Healthcare (NLA)

Describe and define principles of ethics and laws in healthcare. Apply understanding of principles of healthcare ethics and the laws to cases that illustrate where social determinants of health (i.e. access to justice), ethics and the law intersect. Explore roles and responsibilities as healthcare providers and discover how interdisciplinary collaboration is key for effective advocacy and changes in health policy that address health disparities and social injustice. Prerequisites: PASG 61100. (F,Y) 1 Credit

PASG 61700 Population and Community Health (NLA)

Apply relationship-building values and the principles of team dynamics to perform effectively in different team roles to plan, deliver, and evaluate patient/population-centered care and population health programs and policies that are safe, timely, efficient, effective, and equitable (IPEC Competency 4). Expand on identification and implementation of the principles of interprofessional education and collaborative practice in the communities served. Enhance communication skills with patients, families, communities, professionals in health and other fields to promote and maintain health and prevention of disease. Collaborate more effectively and creatively across health care disciplines to optimize health care and improve population outcomes. Consider effective leadership skills needed to advocate for patients and quality improvement in patient safety. Prerequisites: PASG 61220. (F,Y) 2 Credits

PASG 70000 Supervised Clinical Practice Experience - Family Medicine (NLA)

Clinical experience in Family Medicine with direct supervision of a physician board-certified in Family medicine and licensed preceptor (PA and/or other health care provider) for five (5) weeks. Provide practical patient care experience in common diseases and disorders in conjunction with other members of the healthcare team. Further development and refinement the learners' skills in taking a history and performing a physical exam, ordering and interpreting laboratory/diagnostic tests, synthesizing information in establishing a diagnosis, formulating and implementing a cost-effective treatment plan and promoting patient education. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (F,S,U,Y,B) 4 Credits

PASG 70100 Supervised Clinical Practice Experience - Internal Medicine (NLA)

Clinical experience in Inpatient Internal Medicine with direct supervision of a qualified licensed preceptor for five (5) weeks in a wide variety of Internal Medicine care activities. Provide practical clinical experience in working with the hospitalized patients with acute or chronic diseases that are routinely seen by internists. Emphasis is on medical history review, physical examination, diagnostic testing, and management on a multidisciplinary team. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,F,S,U,Y) 4 Credits

PASG 70200 Supervised Clinical Practice Experience - General Surgery (NLA)

Clinical experience in General Surgery with direct supervision of a qualified licensed preceptor for five (5) weeks in a surgical setting. Provide practical clinical experience in working with surgical patients. Emphasis in pre-operative, intra-operative and post-operative management. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,F,S,U,Y) 4 Credits

PASG 70300 Supervised Clinical Practice Experience - Pediatric & Adolescent Medicine (NLA)

Clinical experience in Pediatric (infant and child) and Adolescent Medicine with direct supervision of a qualified licensed preceptor for five (5) weeks. Experience with patients in the Pediatric and Adolescent setting who require acute, emergent, chronic, and preventive care. Emphasis is on medical history review, physical examination, diagnostic testing, and management on a multidisciplinary team. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,F,S,U,Y) 4 Credits

PASG 70400 Supervised Clinical Practice Experience - Women's Health (NLA)

Clinical experience in Women's Health (includes prenatal and gynecological care) with direct supervision of a qualified licensed preceptor for five (5) weeks in a wide variety of Women's Health care activities. Provide practical clinical experience in working with the Women's Health patients seen by OB/GYN physicians. Emphasis is on sexual history, prenatal history, surgery history, physical examination, diagnostic testing, and management on a multidisciplinary team. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,Y,F,S,U) 4 Credits

PASG 70500 Supervised Clinical Practice Experience - Behavioral and Mental Health Care (NLA)

Clinical experience in Behavioral and Mental Health with direct supervision of a qualified licensed preceptor for five (5) weeks in a wide variety of behavioral and mental health care activities. Focuses on physician assistants' role in assessment and treatment of mental health disorders and psychosocial issues. Includes diagnostic, communication, and clinical skills involved in providing care for patients with psychiatric disorders. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,F,S,U,Y)

4 Credits

PASG 70600 Supervised Clinical Practice Experience - Emergency Medicine (NLA)

Clinical experience in Emergency Medicine with direct supervision of a qualified licensed preceptor for five (5) weeks. Receives clinical experience in triage, stabilization, in-depth exposure to traumatic illnesses, injuries and surgical issues that necessitate emergent care for patients across the life span. Provide practical clinical experience working with the patients across the lifespan who presents with emergent, urgent and life-threatening illnesses and injuries. Emphasis is on increasing experience and exposure to patient assessment, ordering and interpreting laboratory/diagnostic tests; synthesize information to establish diagnosis, and learning proper disposition of patients and performing lifesaving techniques. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,Y,F,S,U)

4 Credits

PASG 70700 Supervised Clinical Practice Experience - General Elective Rotation I (NLA)

Clinical experience in any core/required clinical rotation or specialty, selected by the learner from a program list, with the direct supervision of a qualified licensed preceptor for five (5) weeks. First of two required general elective rotation in clinical experience year. Provide practical clinical experience working in the inpatient and outpatient settings and seeing patients across the lifespan with acute or chronic diseases. Emphasis is on increasing experience and exposure to patient assessment, diagnosis, and management pertinent to the specialty on a multidisciplinary team. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,Y,F,S,U)

4 Credits

PASG 70800 Supervised Clinical Practice Experience - General Elective Rotation II (NLA)

Clinical experience in any core/required clinical rotation or specialty, selected by the learner from a program list, with the direct supervision of a qualified licensed preceptor for five (5) weeks. Second general rotation in clinical experience year. Provide practical clinical experience working in the inpatient and outpatient settings and seeing patients across the lifespan with acute or chronic diseases. Emphasis is on increasing experience and exposure to patient assessment, diagnosis, and management pertinent to the specialty on a multidisciplinary team. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,F,S,U,Y)

4 Credits

PASG 70900 Supervised Clinical Practice Experience - Transition to Clinical Practice (NLA)

Practice clinical procedures and skills learned during the nine clinical rotations. Conduct Objective Structured Clinical Evaluations (OSCEs) for problem-focused history and physical on the diseases, conditions and illnesses encountered in the seven required rotations and the two elective rotations. Expand training in procedures performed during Supervised Clinical Practice Experience (SCPE) and Clinical Skills and Procedures. Complete a weeklong review in preparation for the Physician Assistant National Certifying Examination (PANCE). Provide advance education in special populations and special topics not encountered commonly in clinical rotations but required for the delivery of inclusive care. Improve areas of weakness or knowledge gaps in preparation for the PANCE exam and clinical practice as a PA. Prerequisites: PASG 70000, PASG 70100, PASG 70200, PASG 70300, PASG 70400, PASG 70500, PASG 70600, PASG 70700, PASG 70800. (B,F,S,U,Y)

3 Credits

Master of Science in Physician Assistant Studies

The Ithaca College (IC) Master of Science in Physician Assistant Studies (MS-PAS) is a 27-month continuous program that includes a foundation in the basic and medical sciences, cadaver anatomy lab, clinical coursework, clinical skills and procedures and nine clinical rotations. The didactic phase is 15 months and the clinical phase is 12 months. IC MS-PAS program is committed to a servant leadership model, innovative thinking and an equity framework to graduate Physician Assistants who are educated, engaged and empowered to advocate for their patients and provide exemplary professional performance in the communities they serve.

The Ithaca College Master of Science in Physician Assistant Studies (MS-PAS) is a graduate program, which is 27 months in length and comprised of 112 credits. The program includes 15 months of didactic classroom work and 12 months of supervised clinical experiences in healthcare facilities. The didactic phase includes education in the basic sciences, understanding of each organ system, and exposure to patients in a clinical setting and practice in the Clinical Learning Center and Simulation Lab. In addition, learners complete a capstone project and interprofessional education. There are no electives in the MS-PAS Program.

Graduation Requirements

All required graduate coursework is listed below and must be taken in the sequence established by the MS-PAS Program unless permission to deviate from the sequence or time frame is approved by the Program Director.

All physician assistant majors must take graduate-level courses offered by the MS-PAS Program for a letter grade unless otherwise specified in the course descriptions.

Degree Requirements

Code	Title	Credits
Didactic Year Courses		
PASG 60000	Medical Interviewing Documentation & Counseling	3

PASG 60100	Foundations of Medical Sciences: Genetics, Microbiology/Infectious Disease	3
PASG 60200	Foundations of Medical Sciences: Physiology	3
PASG 60300	Diagnostic Imaging	2
PASG 60400	Human and Radiographic Anatomy and Lab	6
PASG 60500	Physician Assistant Professional Practice	1
PASG 60610	Clinical Assessment I	4
PASG 60620	Clinical Assessment II	4
PASG 60710	Clinical Laboratory and Diagnostics I	2
PASG 60720	Clinical Laboratory and Diagnostics II	2
PASG 60810	Clinical Medicine I	6
PASG 60820	Clinical Medicine II	6
PASG 60830	Clinical Medicine III	6
PASG 60910	Evidenced Based Medicine I: Introduction & Research Methodology	2
PASG 60920	Evidenced Based Medicine II: Critical Appraisal	2
PASG 60930	Evidenced Based Medicine III: Effective Communication in Health Care	2
PASG 61700	Population and Community Health	2
PASG 61010	Pharmacology and Therapeutics I	2
PASG 61020	Pharmacology and Therapeutics II	2
PASG 61100	Leadership and Advocacy	1
PASG 61210	Interprofessional Education I	0
PASG 61220	Interprofessional Education II: Interprofessional Communication	0
PASG 61310	Pathophysiology I	2
PASG 61320	Pathophysiology II	2
PASG 61400	Behavioral and Mental Health Care	3
PASG 61500	Clinical Skills and Procedures	4
PASG 61600	Ethics, Law, and Social Justice in Healthcare	1
Clinical Year Rotation Courses		
PASG 70000	Supervised Clinical Practice Experience - Family Medicine	4
PASG 70100	Supervised Clinical Practice Experience - Internal Medicine	4
PASG 70200	Supervised Clinical Practice Experience - General Surgery	4
PASG 70300	Supervised Clinical Practice Experience - Pediatric & Adolescent Medicine	4
PASG 70400	Supervised Clinical Practice Experience - Women's Health	4
PASG 70500	Supervised Clinical Practice Experience - Behavioral and Mental Health Care	4
PASG 70600	Supervised Clinical Practice Experience - Emergency Medicine	4
PASG 70700	Supervised Clinical Practice Experience - General Elective Rotation I	4
PASG 70800	Supervised Clinical Practice Experience - General Elective Rotation II	4

PASG 70900	Supervised Clinical Practice Experience - Transition to Clinical Practice	3
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Total Credits**112**

Speech-Language Pathology and Audiology

Jana Waller, *Clinical Assistant Professor, Graduate Chairperson*

Lynne Hewitt, *Professor, Program Director*

The Council on Academic Accreditation of the American Speech-Language-Hearing Association (ASHA) accredits the graduate program in the Department of Speech-Language Pathology and Audiology.

The department offers two graduate majors: Speech-Language Pathology, M.S., and Speech-Language Pathology with Teacher Certification, M.S. Both programs require full-time study; degree requirements must be completed within two years (note: completion of a thesis may require at least one semester of additional study, and at least five additional credits to complete the degree). Prior to beginning either major, students must have completed all prerequisite courses (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/graduate-programs/speech-language-pathology-and-audiology/application-requirements/prerequisite-requirements/>).

In order to meet ASHA's Certificate of Clinical Competence (CCC) requirements, all 25 observation hours and 375 clinical clock hours must be completed according to ASHA standards and under the supervision of an individual who currently holds the ASHA CCC's and has completed the necessary supervision training (in accordance with the ASHA 2020 Standards).

Speech-Language Pathology, M.S.

This major prepares students to:

- Meet academic and clinical requirements for ASHA's CCC's in speech-language pathology (CCC-SLP);
- Meet New York State licensure requirements.
- Successfully complete the requirements for the clinical fellowship and Praxis examination

Speech-Language Pathology with Teacher Certification, M.S.

Students who complete this major meet all of the requirements for the speech-language pathology major, and also meet the academic and clinical New York State Education Department (NYSED) requirements for the initial certificate in *Teaching Students with Speech and Language Disabilities (TSSLD)*, which is required when working with pre-K to 12th grade students.

This major prepares students to:

- Meet Academic and clinical requirements for the New York State initial teaching certificate in speech-language pathology;
- Meet academic and clinical requirements for ASHA's CCC's in speech-language pathology (CCC-SLP);
- Meet New York State licensure requirements;

- Successfully complete the requirements for the clinical fellowship and Praxis examination

See American Speech-Language-Hearing Association (<http://www.asha.org/>)

See New York State Licensure Requirements (<http://www.op.nysed.gov/home.html>)

Admission

For both majors, consideration for admission requires the following:

- An undergraduate degree;
- A minimum cumulative undergraduate grade point average of 3.00 (on a 4.00 grading system); and
- A minimum verbal GRE score in the 30th percentile, a minimum quantitative GRE score in the 25th percentile, and a minimum writing GRE score of 3.5, taken within the past 5 years.

Applicants from undergraduate programs in communication disorders, as well as those whose baccalaureate degree is not in speech-language pathology, are encouraged to review information about prerequisite courses prior to applying. For students without an undergraduate degree in speech-language pathology, all remaining prerequisite courses in SLP must be completed with a B or better. During the admission process, the undergraduate work of all applicants will be evaluated to determine what undergraduate courses, if any, must be completed before accepted applicants are able to enroll in graduate level courses.

A list of prerequisite courses (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/graduate-programs/speech-language-pathology-and-audiology/application-requirements/prerequisite-requirements/>) is located on the department's website. All prerequisite course work must be completed within last 10 years.

Application for Admission

All application materials must be submitted by **February 1** for fall admission. Please visit the department's website (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/graduate-programs/speech-language-pathology-and-audiology/application-requirements/>) for instructions on the application process.

Graduate Assistantships

Each year the department awards several graduate assistantships. Please visit the department's website (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/graduate-programs/speech-language-pathology-and-audiology/graduate-assistantships/>) for further information.

Tuition Expenses

For information regarding graduate tuition for the speech-language pathology programs please see the Office of Admission (<http://www.ithaca.edu/gradadmission/finaid/>).

Majors

- Speech-Language Pathology with Teacher Certification, M.S. (p. 880)
- Speech-Language Pathology, M.S. (p. 881)

SLPG 54700 Fluency Development and Disorders (NLA)

A comprehensive study of the nature and development of fluency and fluency disorders. Topics include but are not limited to (1) models of fluency description and measurement, (2) development of normal speech fluency, (3) onset and development of fluency disorders, and (4) overview of methods of treatment. Particular emphasis is given to development and treatment of childhood and adult stuttering. (Y)

Attributes: TE

3 Credits

SLPG 55300 Voice and Related Disorders (NLA)

A study of normal and disordered phonatory processes with attention to the evaluation and remediation of specific voice problems, including laryngectomy. (F,Y)

3 Credits

SLPG 55500 Adult Dysarthria (NLA)

This course prepares students for the diagnosis and treatment of dysarthria. Content will cover the neuroanatomy and physiology of speech production, the etiology of dysarthria, differential diagnosis with relation to dysarthria characteristics, and treatment of dysarthria using a biopsychosocial model. (F,Y)

2 Credits

SLPG 55600 Acquired Cognitive Communication Disorders (NLA)

This course prepares students for the diagnosis and treatment of acquired cognitive communication disorders, including right hemisphere disorder, traumatic brain injury, normal aging, mild cognitive impairment, and dementia. Content will cover the neuroanatomy and theoretical models of cognition and memory, the etiology of acquired cognitive communication disorders, disorder characteristics, and diagnosis and treatment using a biopsychosocial model. (F,Y)

2 Credits

SLPG 55900 Speech Sound Disorders in Children (NLA)

The study of disordered speech sound production in children. Topics include: typical speech sound acquisition, articulation, phonology, the relationships between speech sound disorders and literacy, cultural-linguistic variations in speech production, and characteristics of speech sound disorders across different clinical populations. Evidence-based approaches to assessment and treatment are emphasized. (S,Y)

Attributes: TE

3 Credits

SLPG 61000 Early Intervention for Children with Communication Disorders

Information is provided about development of normal and disordered communication in children from birth to three years of age. Course material includes information about important legislation, service delivery models, risk factors, assessment, intervention, needs of families, and specific populations of special-needs children. Information for providing early intervention services is provided from related disciplines such as occupational therapy and physical therapy.

Attributes: TE

2 Credits

SLPG 62000 Speech-Language Pathology in Educational Settings

This course prepares graduate students for the roles and responsibilities of the SLP in educational settings. Topics covered include, but are not limited to: legislative foundations including IDEA (Individuals with Disabilities Education Act), ADA (Americans with Disabilities Act), and Safe Schools Legislation; professional certification and ethics; IEP development; implementation of culturally sensitive therapeutic programs in a diverse classroom setting; RYI (Response to Intervention); and information on specific disability areas such as learning disabilities.

(Sum,Y)

Attributes: TE

2 Credits

SLPG 62100 Autism Spectrum Disorders (NLA)

The study of Autism Spectrum Disorders (ASD) including definitions and characteristics, etiology and prevalence, evidence-based teaching methods, and the speech-language pathologist's roles and responsibilities in diagnosing, treating, and teaching students with ASD in public schools. (S,U,Y)

1 Credit

SLPG 62500 Medical Topics in Speech-Language Pathology (NLA)

An interdisciplinary focus on the characteristics, assessment, and management of special populations frequently encountered in medical settings; evaluation of evidence-based techniques, materials, and programs; and the development of relationships with professionals in fields related to speech-language pathology. (U,Y)

2 Credits

SLPG 63100 Pediatric Motor Speech Disorders

Differential diagnosis and treatment of pediatric motor speech disorders including discussion of etiology, characteristics, and evidence-based interventions. (S,Y)

1 Credit

SLPG 63300 Cultural Competence in Speech-Language Pathology Clinical Practice (NLA)

This course surveys cultural competence across the full range of dimensions of diversity and clinical practice in speech-language pathology, including considerations of linguistic and cultural variation in communication and its impact on service delivery. (U,Y)

1 Credit

SLPG 64000 Audiology and Assistive Technology/Listening Devices (NLA)

Students will develop an understanding of the psychosocial, educational, vocational, and linguistic effect of hearing loss. Lecture topics include the normal and disordered auditory system; interpretation of test results; listening devices and assistive technology for treatment of auditory disorders; and troubleshooting equipment. Emphasis is placed on the role and scope of practice of the speech-language pathologist in screening for and treating hearing disorders through technology. (U,Y)

2 Credits

SLPG 64100 Facilitating Spoken-Language Learning in Deaf and Hard-of-Hearing Children (NLA)

The course provides future speech-language pathologists with the knowledge and skills to facilitate spoken-language learning in deaf and hard-of-hearing children using the auditory-verbal approach. Course content elaborates on the auditory-verbal philosophy, guidelines for maximizing hearing and facilitating listening in the deaf and hard-of-hearing children, facilitating emerging literacy using auditory-verbal techniques, and working with families of deaf and hard-of-hearing children. The course assumes prior understanding of audiograms as well as amplification devices. Pre-requisites: SLPG 64000 (summer only)

1 Credit

SLPG 64900 Augmentative and Alternative Communication

Introduction to augmentative communication with discussion of its impact on individuals who are severely speech and language impaired. Students are familiarized with augmentative communication techniques and strategies. Assessment and intervention options are covered. Students have an opportunity for hands-on experience with a variety of augmentative communication devices and other adaptive equipment.

Attributes: TE

3 Credits

SLPG 65100 Adult Aphasia and Related Disorders (NLA)

Prepares students to identify, differentiate, and contrast the phenomenology, symptomatology, and diagnostic and therapeutic processes of adult aphasia, apraxia of speech, and related disorders. (S)

3 Credits

SLPG 65200 Language Disorders in Children Ages 3 to 21

Information is provided about development of normal and disordered communication in children from 3 to 21 years of age. Includes material regarding important theories, legislation, service delivery models, assessment, remediation, literacy, and specific populations of special-needs children.

Attributes: TE

3 Credits

SLPG 65500-65507 Seminar in Speech Pathology: Selected Topics

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1-6 Credits

SLPG 65600 Dysphagia

Explores the nature, etiology, and physiology of normal and abnormal patterns of swallowing across the age span. Instrumental techniques for the study of swallowing and procedures for clinical swallowing evaluations are presented. Dysphagia treatment and clinical decision making is emphasized.

3 Credits

SLPG 65700 Research Methods and Analysis

Objectives are to help the student understand basic statistical concepts utilized in research design and in speech-language pathology and audiology. Focus will be on the scientific method as a problem-solving process, developing experimental procedures for answering research questions, learning to establish and test hypotheses, and summarizing and interpreting data.

3 Credits

SLPG 66100 Clinical Practicum I

This is the initial graduate clinical practicum experience. Emphasis is placed on students displaying appropriate professional skills while developing and implementing an intervention plan, creating a dynamic therapeutic environment, collaborating with relevant others, and completing thorough documentation. Practica may take place on or off campus. Supervision is provided in accordance with ASHA requirements. Co-requisite: SLPG 66101. (F,Y)

Attributes: TE

1 Credit

SLPG 66101 Seminar in Professional Practice I

This course provides an overview of professional practice in speech-language pathology for individuals beginning the graduate program.

Topics include but are not limited to: scope of practice, evidence-based practice, standards of ethical conduct, trends in professional practice, accreditation, certification, and licensure. Graduate program standards, requirements, and expectations are also discussed. Co-requisite: SLPG 66100. (F,Y)

1 Credit

SLPG 66200 Clinical Practicum II

This graduate practicum experience involves multiple clinical experiences in speech-language pathology and/or audiology. Graduate clinicians provide diagnostic evaluations and therapeutic intervention for individuals with speech-language disorders. Emphasis is placed in students displaying appropriate professional skills while developing and implementing an intervention plan, creating a dynamic therapeutic environment, collaborating with relevant others, and completing thorough documentation. Site and client assignments are determined by clock-hour needs, scope of practice, and regulatory requirements. Practica may take place on or off campus. Supervision is provided in accordance with ASHA requirements. Mandatory seminars on selected topics are held throughout the semester. Satisfactory/Unsatisfactory only. Prerequisites: SLPG 66100. (S,Y)

Attributes: TE

2 Credits

SLPG 66300 Clinical Practicum III

This graduate practicum experience involves multiple clinical experiences in speech-language pathology and/or audiology. Graduate clinicians provide diagnostic evaluations and therapeutic intervention for individuals with speech-language disorders. Emphasis is placed on students displaying appropriate professional skills while developing and implementing an intervention plan, creating a dynamic therapeutic environment, collaborating with relevant others, and completing thorough documentation. Site and client assignments are determined by clock-hour needs, scope of practice, and regulatory requirements. Practica may take place on or off campus. Supervision is provided in accordance with ASHA requirements. Mandatory seminars on selected topics are held throughout the semester. Satisfactory/Unsatisfactory only. Prerequisite: SLPG 66200. (Sum,Y)

Attributes: TE

1 Credit

SLPG 66400 Clinical Practicum IV

This graduate practicum experience involves multiple clinical experiences in speech-language pathology and/or audiology. Graduate clinicians provide diagnostic evaluations and therapeutic intervention for individuals with speech-language disorders. Emphasis is placed on students displaying appropriate professional skills while developing and implementing an intervention plan, creating a dynamic therapeutic environment, collaborating with relevant others, and completing thorough documentation. Site and client assignments are determined by clock-hour needs, scope of practice, and regulatory requirements. Practica may take place on or off campus. Supervision is provided in accordance with ASHA requirements. Mandatory seminars on selected topics are held throughout the semester. Satisfactory/Unsatisfactory only. Prerequisite: SLPG 66300. Co-requisite: SLPG 66401. (F,Y)

Attributes: TE

2 Credits

SLPG 66401 Seminar in Professional Practice II

This course provides an overview of professional practice in speech-language pathology for individuals in their final semester prior to externship/student teaching. Topics include but are not limited to: ASHA practice policies and guidelines, reimbursement procedures, counseling in SLP, evidence-based practice, trends in professional practice, and advanced topics in certification and licensure. Externship/student teaching standards, requirements, and expectations are also discussed. Co-requisite SLPG 66400. (F,Y)

1 Credit

SLPG 66500-66501 Professional Externship in Speech-Language Pathology

This is a full-time professional externship experience in speech-language pathology. Externship settings and locations are determined in accordance with regulatory requirements, scope of practice needs, and professional interests. Specific requirements, duties, and responsibilities vary with the placement site. Prerequisite: SLPG 66400 and faculty approval.

Attributes: TE

4 Credits

SLPG 66600 Supplementary Clinical Affiliation

An elective clinical affiliation designed for students who have not acquired the total number of supervised clinical clock-hours required by the American Speech-Language-Hearing Association (ASHA). (IRR)

1 Credit

SLPG 67000-67100 Individual Studies

Directed individual investigation in special areas not fully covered by regular coursework. Initial application should include outline and bibliography. A copy of the paper is to be filed with the department. Requires approval of the full-time professor in charge and the department chair.

1-3 Credits

SLPG 67200-67300 Independent Reading

A course of reading arranged between the department chair and student.

1-3 Credits

SLPG 67400-67500 Independent Research

Student research under the direction of one or more faculty supervisors. By permission of the department chair. per semester.

Attributes: TE

1-3 Credits

SLPG 68000 Thesis or Research Paper

The thesis or research paper, optional for the master of science degree, is supervised by a major adviser and a thesis committee. Members of the thesis committee may be professors from other institutions. Following acceptance of the thesis by the committee, an external examiner is appointed by the graduate committee. May be repeated up to a total of 2-8 Credits

SLPG 68100 Comprehensive Examinations (NLA)

Summative evaluation of student learning across the curriculum in speech-language pathology. Due to the comprehensive nature of the examinations, content may include material covered outside of the courses required for the degree. This course may not be repeated. Pass/Fail only. (F,Y)
0 Credit

SLPG 69800 Professional Experience in Education I

This is a full-time professional externship/student teaching experience in speech-language pathology in an educational setting. Student teaching settings and locations are determined in accordance with regulatory requirements, scope of practice needs, and professional interests. Specific requirements, duties, and responsibilities vary with the placement site. For SLPTC majors only. Prerequisite: SLPG 66400 and faculty approval. (F-S,Y)
Attributes: TE

4 Credits

SLPG 69801 Professional Experience in Education II

This is a full-time professional externship/student teaching experience in speech-language pathology in an educational setting. Student teaching settings and locations are determined in accordance with regulatory requirements, scope of practice needs, and professional interests. Specific requirements, duties, and responsibilities vary with the placement site. For SLPTC majors only. Prerequisite: SLPG 66400 and faculty approval. (F-S, Y)
Attributes: TE

4 Credits

Speech-Language Pathology w/ Teacher Certification, M.S.

This program requires full-time study; degree requirements must be completed within two years (note: completion of a thesis may require at least one semester of additional study and at least five additional credits to complete the degree). Prior to entering either program, students must have completed all prerequisite courses listed on the program application requirements website (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/graduate-programs/speech-language-pathology-and-audiology/application-requirements/>).

Additional Requirements

1. Completion of a minimum of 55 credits in speech-language pathology graduate courses and clinical experiences. All courses must be taken for a letter grade unless otherwise noted in the catalog, and must be completed with a grade of B- or better.
2. A minimum semester GPA of 3.00
3. Completion of a minimum of 400 supervised clinical clock hours (all clinical clock hours, including observation hours, must be obtained under the supervision of an individual currently holding the Certificate of Clinical Competence from the American Speech-Language-Hearing Association).

4. Passing the comprehensive examination or successful completion of a graduate thesis.

Teaching certification (*Teaching Students with Speech-Language Disabilities*) is awarded by New York State, and is not automatic; certification is awarded only to individuals who have met the requirements of the *Speech-Language Pathology with Teacher Certification* (SLPTC) major as well as those outlined by NYSED, including fingerprint clearance and passing scores on teacher certification examinations.

Applications for and additional information about New York State teacher certification may be found at the Ithaca College Department of Education website (<http://www.ithaca.edu/hs/depts/education/>).

Academic Warning

A student who receives a grade below B- in any graduate level course or clinical experience or whose semester GPA falls below a 3.00 will be placed on academic warning.

Dismissal

A student who has been placed on academic warning for two consecutive semesters will be dismissed from the program.

Degree Requirements

Code	Title	Credits
Required Courses		
SLPG 54700	Fluency Development and Disorders	3
SLPG 55300	Voice and Related Disorders	3
SLPG 55500	Adult Dysarthria	2
SLPG 55600	Acquired Cognitive Communication Disorders	2
SLPG 55900	Speech Sound Disorders in Children	3
SLPG 61000	Early Intervention for Children with Communication Disorders	2
SLPG 62000	Speech-Language Pathology in Educational Settings	2
SLPG 62100	Autism Spectrum Disorders	1
SLPG 64000	Audiology and Assistive Technology/Listening Devices	2
SLPG 64100	Facilitating Spoken-Language Learning in Deaf and Hard-of-Hearing Children	1
SLPG 64900	Augmentative and Alternative Communication	3
SLPG 65100	Adult Aphasia and Related Disorders	3
SLPG 65200	Language Disorders in Children Ages 3 to 21	3
SLPG 65600	Dysphagia	3
SLPG 65700	Research Methods and Analysis	3
SLPG 66100	Clinical Practicum I	1
SLPG 66101	Seminar in Professional Practice I	1
SLPG 66200	Clinical Practicum II	2
SLPG 66300	Clinical Practicum III	1
SLPG 66400	Clinical Practicum IV	2
SLPG 66401	Seminar in Professional Practice II	1
SLPG 68100	Comprehensive Examinations	0

Required Externship

Block I

SLPG 66500	Professional Externship in Speech-Language Pathology	4
or SLPG 69800 Professional Experience in Education I		

Block 2

SLPG 66501	Professional Externship in Speech-Language Pathology	4
or SLPG 69801 Professional Experience in Education II		

Restricted Electives 3

SLPG 62500	Medical Topics in Speech-Language Pathology	
SLPG 63100	Pediatric Motor Speech Disorders	
SLPG 63300	Cultural Competence in Speech-Language Pathology Clinical Practice	
SLPG 65500	Seminar in Speech Pathology: Selected Topics	
SLPG 66600	Supplementary Clinical Affiliation	
SLPG 67000	Individual Studies	
SLPG 67100	Individual Studies	
SLPG 67200	Independent Reading	
SLPG 67300	Independent Reading	
SLPG 67400	Independent Research	
SLPG 67500	Independent Research	
SLPG 68000	Thesis or Research Paper	

Education Requirements

EDUC 19210	Child Abuse Identification and Prevention	0
EDUC 19220	Drug and Alcohol Abuse: Identification and Prevention	0
EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0

Total Credits 55

Speech-Language Pathology, M.S.

This program requires full-time study; degree requirements must be completed within two years (note: completion of a thesis may require at least one semester of additional study, and at least five additional credits to complete the degree). Prior to entering either program, students must have completed all prerequisite courses listed on the program application requirements website (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/graduate-programs/speech-language-pathology-and-audiology/application-requirements/>).

Additional Requirements:

1. Completion of a minimum of 53 credits in speech-language pathology graduate courses and clinical experiences. All courses must be taken for a letter grade unless otherwise noted in the catalog, and must be completed with a grade of B- or better;
2. A minimum semester GPA of 3.00;
3. Completion of a minimum of 400 supervised clinical clock hours (all clinical clock hours, including observation hours, must be obtained under the supervision of an individual currently holding the Certificate of Clinical Competence from the American Speech-Language-Hearing Association); and

4. Passing the comprehensive examination or successful completion of a graduate thesis.

Academic Warning: A student who receives a grade below B- in any graduate level course or clinical experience or whose semester GPA falls below a 3.00 will be placed on academic warning.

Dismissal: A student who has been placed on academic warning for two consecutive semesters will be dismissed from the program.

Degree Requirements

Code	Title	Credits
SLPG 54700	Fluency Development and Disorders	3
SLPG 55300	Voice and Related Disorders	3
SLPG 55500	Adult Dysarthria	2
SLPG 55600	Acquired Cognitive Communication Disorders	2
SLPG 55900	Speech Sound Disorders in Children	3
SLPG 62000	Speech-Language Pathology in Educational Settings	2
SLPG 62100	Autism Spectrum Disorders	1
SLPG 64000	Audiology and Assistive Technology/Listening Devices	2
SLPG 64100	Facilitating Spoken-Language Learning in Deaf and Hard-of-Hearing Children	1
SLPG 64900	Augmentative and Alternative Communication	3
SLPG 65100	Adult Aphasia and Related Disorders	3
SLPG 65200	Language Disorders in Children Ages 3 to 21	3
SLPG 65600	Dysphagia	3
SLPG 65700	Research Methods and Analysis	3
SLPG 66100	Clinical Practicum I	1
SLPG 66101	Seminar in Professional Practice I	1
SLPG 66200	Clinical Practicum II	2
SLPG 66300	Clinical Practicum III	1
SLPG 66400	Clinical Practicum IV	2
SLPG 66401	Seminar in Professional Practice II	1

Required Externship

SLPG 66500	Professional Externship in Speech-Language Pathology	4
or SLPG 69800 Professional Experience in Education I		
SLPG 66501	Professional Externship in Speech-Language Pathology	4
or SLPG 69801 Professional Experience in Education II		
SLPG 68100	Comprehensive Examinations	0

Restricted Electives 3

SLPG 61000	Early Intervention for Children with Communication Disorders	
SLPG 62500	Medical Topics in Speech-Language Pathology	
SLPG 63100	Pediatric Motor Speech Disorders	
SLPG 63300	Cultural Competence in Speech-Language Pathology Clinical Practice	

SLPG 65500	Seminar in Speech Pathology: Selected Topics
SLPG 66600	Supplementary Clinical Affiliation
SLPG 67000	Individual Studies
SLPG 67100	Individual Studies
SLPG 67200	Independent Reading
SLPG 67300	Independent Reading
SLPG 67400	Independent Research
SLPG 67500	Independent Research
SLPG 68000	Thesis or Research Paper

Total Credits**53**

Directory

A

Kyle Armbrust, Assistant Professor - BM (Juilliard School), MM (Juilliard School)

Stewart Auyash, Associate Professor - BS (University of Pittsburgh); PhD (Penn State University Park)

B

Wonyul Bae, Associate Professor - BA (Dankook University); BS (University of Utah); PhD (Indiana University)

Ramin Bagherzadeh, Assistant Professor - BA (Persian Gulf University), MBA (Imam Khomeini International University), PhD (Southern Illinois University-Carbondale)

Steven Banks, Assistant Professor - BM (Indiana University), MM (Northwestern University)

Christine Bataille, Associate Professor - BA (Simmons College); MBA (MIT Sloan School of Management); PhD (McGill University)

Diane Birr, Professor - DMA (University of Rochester's Eastman School of Music)

Les Black, Associate Professor - BA (University of Western Ontario), PhD (Yale University)

Phil Blackman, Assistant Professor - BA (McDaniel College), JD (University of California, Los Angeles), LLM (University of California, Los Angeles), PhD (Penn State University Park)

Marie Blouin, Associate Professor - BBA (St. Bonaventure University), MBA (St. Bonaventure University), PhD (SUNY, University at Buffalo)

Michelle Bradshaw, Associate Professor - BS (Boston University), Doctor of Occupational Therapy (Virginia Commonwealth University)

Alka Bramhandkar, Interim Dean - MBA (State University of New York: Binghamton), MA (State University of New York: Binghamton), PHD (State University of New York: Binghamton)

Kari Brossard Stoos, Associate Professor - BS (Canisius College); MS (SUNY, University at Buffalo); PhD (SUNY, University at Buffalo)

C

Hana Cai, Assistant Professor - BA (University of Maryland), BM (University of Maryland), MM (Conducting University of Rochester), DM (Indiana University)

Matthew Clauhs, Assistant Professor - BS (Penn State University Park), MM (University of Massachusetts), PhD (Temple University)

Pablo Cohen, Associate Professor - BA (Buenos Aires Conservatory), MM (Temple University), DM (Temple University)

Christopher Coletti, Assistant Professor - BM (Manhattan School of Music), MM (Juilliard School)

Melinda Cozzolino, Associate Professor - BS (Keuka College), MS (University of Scranton)

Radio Cremata, Associate Professor - BA (University of Miami), DMA (Boston University), MS (Florida International University)

Craig Cummings, Professor - PhD (Indiana University, Bloomington)

D

Charis Dimaras, Professor - MM (Juilliard School), DMA (Manhattan School of Music)

Julie Dorsey, Professor - BS (Ithaca College), DPT (Boston University), MS (Ithaca College)

Duncan Duke, Associate Professor - BS (Tec de Monterrey); MBA (Tec de Monterrey); MS (Cornell University); PhD (Cornell University)

E

Scott Erickson, Professor - PhD (Lehigh University)

F

Richard Faria, Professor - BM (Ithaca College), DMA (SUNY, Stony Brook University), MM (Michigan State University)

Annemarie Farrell, Associate Professor - BA (Mount Holyoke College); MA (Ohio State University, Columbus); PhD (Ohio State University, Columbus)

G

Diane Gayeski, Professor - BS (Ithaca College); MA (University of Maryland); PhD (University of Maryland)

Paul Geisler, Professor - BS (Marietta College); EDD (Georgia Southern University); MA (University of North Carolina, Chapel Hill)

Matthew Geiszler, Associate Professor - BS (University of Florida), MA (Northern Kentucky University), PhD (Kent State University)

Jorge Grossmann, Professor - BM (Faculdade Santa Marcelina), DMA (Boston University), MM (Florida International University)

H

Sara Haefeli, Associate Professor - BM (University of Northern Colorado), MM (University of Northern Colorado), PHD (University of Illinois at Urbana-Champaign)

David Hajjar, Assistant Professor - BS (University of Massachusetts, Amherst), MS (MGH Institute of Health Professions), PhD (Ohio University)

Fatima Hajjat, Assistant Professor - BS (Jordan University of Science and Technology); MBA (Texas Tech University); PhD (University of Massachusetts, Amherst)

Jenna Heffron, Assistant Professor - MOT (Quinnipiac University), PhD (University of Illinois at Chicago)

Lynne Hewitt, Professor - BA (Cornell University), MA (SUNY, University at Buffalo), PhD (University at Buffalo)

Carly Hosbach, Assistant Professor - BS (Ohio University), MS (Misericordia University), PhD (Syracuse University)

I

Jeffrey Ives, Professor - BA (Chapman University), MS (University of Massachusetts: Amherst), PhD (University of Massachusetts: Amherst)

J

Timothy Johnson, Professor - BM (University of Massachusetts, Lowell), MM (University of Connecticut), PhD (SUNY, University at Buffalo)

Skott Jones, Associate Professor - BS (Ithaca College), MA (San Diego State University), PhD (University of California, San Diego)

K

Keith Kaiser, Professor - BM (University of Wyoming), MM (University of Redlands), PhD (Florida State University)

Narges Kasiri, Associate Professor - BS (Sharif University of Technology); MS (Eastern Michigan University); PhD (Oklahoma State University)

Jennifer Kay, Associate Professor - BM (Ithaca College), MM (Boston University), DMA (Boston University)

Deborah King, Professor - BS (Bates College); MS (University of Massachusetts, Amherst); PhD (Penn State University Park)

L

Xinxin Li, Assistant Professor - BA (Central University of Finance and Economics); MS (University of North Carolina, Charlotte); PhD (University of North Carolina, Charlotte)

Sean Linfors, Assistant Professor - PhD (Florida State University)

Jeff Lippitt, Associate Professor - BS (Lehigh University), PhD (Penn State University Park)

Diane Long, Associate Professor - BS (SUNY, University at Buffalo); EDD (University of Phoenix, Arizona); SUNY, University at Buffalo (UB) MS

M

Rachel Madsen, Associate Professor - BA (Castleton University); PhD (University of Connecticut)

Deborah Martin, Professor - BM (Baylor University), DM (Indiana University), MM (Indiana University)

Peter Martin, Associate Professor - BA (University of Pennsylvania), MED (University of Pennsylvania), DED (George Washington University)

Jennifer McKeon, Associate Professor - BS (Penn State University Park); PhD (Penn State University Park)

Patrick McKeon, Associate Professor - BS (Springfield College); PhD (University of Virginia)

Elizabeth Medina-Gray, Assistant Professor - BA (Swarthmore College), MA (Yale University), MPhil (Yale University), PhD (Yale University)

Wendy Mehne, Professor - DMA (University of Wisconsin, Madison), MM (Michigan State University)

James Mick, Associate Professor - BME (Texas Christian University), MM (Ithaca College), PhD (Florida State University)

Hormoz Movassaghi, Professor - BS (Shiraz University), MA (University of Wisconsin, Madison), MS (Shiraz University), MS (University of Wisconsin, Madison), PhD (University of Wisconsin, Madison)

Nicholas Muellner, Professor - BA (Yale University); MFA (Temple University)

N

Chee Ng, Assistant Professor - BE (National University of Singapore), MBA (Northern Arizona), PhD (Arizona State)

Dmitri Novgorodsky, Associate Professor - BM (Moscow Tchaikovsky Conservatory), DMA (Yale School of Music), MM (Yale School of Music)

O

Beatrice Olesko, Assistant Professor - BME (Mount Union College), MMME (Kent State University)

P

Patrice Pastore, Professor - BA (Bryn Mawr College), MA (Tufts University), MM (New England Conservatory of Music)

Crystal Peebles, Associate Professor - BM (East Carolina University), MM (Florida State University), PHD (Florida State University)

Thomas Pfaff, Professor - BS (Ithaca College), BS (State University of New York: Cortland), MS (Syracuse University), MS (Syracuse University), PHD (Syracuse University)

R

Candace Receno, Assistant Professor - BS (University of Maryland, College Park); MS (Syracuse University); PhD (Syracuse University)

Alex Reed, Associate Professor - BA (College of Wooster), BM (College of Wooster), MA (University of Pittsburgh), PhD (University of Pittsburgh)

Deborah Rifkin, Professor - BA (Binghamton University), MM (University of Michigan, Ann Arbor), PhD (University of Rochester's Eastman School of Music)

Bonnie Riley, Assistant Professor - BS (Boston University), Doctor of Occupational Therapy (Virginia Commonwealth University)

Benjamin Rochford, Assistant Professor - MM (Youngstown State University)

Yvonne Rogalski, Associate Professor - BA (University of Florida), BA (University of Waterloo), MA (University of Florida), PhD (University of Florida)

S

Evis Sammoutis, *Associate Professor - PhD (University of York)*

Christin Schillinger, *Associate Professor - BM (Northwestern University), DMA (Arizona State University), MM (Michigan State University)*

Shannon Scott, *Assistant Professor - BS (University of British Columbia)*

Vadim Serebryany, *Associate Professor - BM (Juilliard School), DMA (Yale University), MM (Juilliard School)*

Margaret Shackell, *Assistant Professor - BA (University of Waterloo), PhD (University of Michigan, Ann Arbor)*

Greg Shelley, *Associate Professor - BA (University of Nebraska at Lincoln), MA (University of Iowa), PhD (University of Utah)*

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Thomas Swensen, *Professor - BA (Vanderbilt University), MS (University of Tennessee: Knoxville), PhD (University of Tennessee: Knoxville)*

T

Michael Titlebaum, *Associate Professor - BM (University of Rochester's Eastman School of Music), MM (University of Rochester's Eastman School of Music)*

Mike Truesdell, *Assistant Professor - BM (Lawrence University), DMA (Juilliard School) MM (Juilliard School)*

Mary Turner DePalma, *Professor - BA (University of Pennsylvania), PhD (Cornell University)*

V

John Vongas, *Assistant Professor - BS (McGill University); MS (Concordia University, John Molson School of Business); PhD (Concordia University, John Molson School of Business)*

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W

Rachel Wagner, *Professor - BA (Hendrix College), MA (Wake Forest University), PhD (University of Iowa)*

Nicholas Walker, *Professor - BM (Rice University), DIPLM (Nadia Boulanger Conservatoire de Paris), DMA (SUNY, Stony Brook University), MM (SUNY, Stony Brook University)*

Jana Waller, *Assistant Professor - BA (SUNY, University at Albany), BS (University of Washington), MS (Ithaca College)*

Ivy B Walz, *Interim Dean - BM (Ithaca College), MM (Ithaca College), DMA (University of Cincinnati)*

Susan Waterbury, *Professor - BM (Ohio State University, Columbus), MM (University of Cincinnati), MM (University of Rochester's Eastman School of Music)*

Marc Webster, *Associate Professor - BM (Ithaca College), DMA (University of Rochester's Eastman School of Music), MM (University of Rochester's Eastman School of Music)*

John White, *Associate Professor - BM (University of Northern Colorado), BM (University of Northern Colorado), MM (Ithaca College), PHD (Indiana University: Bloomington)*

Baruch Whitehead, *Associate Professor - BA (University of Cincinnati), MFA (University of Florida), PhD (Capella University)*

Calvin Wiersma, *Associate Professor - BM (Oberlin College), MM (University of Rochester's Eastman School of Music)*

Kimberly Wilkinson, *Associate Professor - BS (SUNY, University at Buffalo), MA (University of Southern California), PhD (University of Southern California)*

Aaron Witek, *Assistant Professor - BM (SUNY, Potsdam), DM (Florida State University), MM (Florida State University)*

Z

Christopher Zemliauskas, *Assistant Professor - BM (Ithaca College), MM (University of Minnesota)*

The information below is current as of June 4, 2021.

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- Robert A. Iger '73
- Nancy Pringle
- David W. Sass '57, Parent '83

The information below is current as of June 4, 2021.

Dana Professors (with Dana tenure)

- Stephen Sweet, BA, MA, Ph.D (2017 sociology)
- Jean Hardwick, BA, Ph.D (2017 biology)
- Luke Keller, BA, MA, Ph.D (2016 physics & astronomy)
- Abraham Mulugetta, MBA, Ph.D (2016 finance & international business)
- Michael Malpass, BA, MA, Ph.D (2008 anthropology)

Dana Professor Emeriti - Retired

- Michael Twomey, BA, MA, Ph.D (2007 Humanities & Arts)
- Vicki Cameron, BA, Ph.D (2003 natural sciences/math)
- Joel Savishinsky, BA, Ph.D (1997 social sciences)
- Imre Tamas BS, MS, PhD (1996 natural sciences)
- Dana Wilson, BA, MA, Ph.D (1994 music)
- Raquib Zaman, BA, MA, Ph.D (1987 business)
- John Harcourt, A.B., M.A., Ph.D (1977 Humanities & Arts)
- Pamela Gearhart, Diploma, (1977 music)
- Harvey Fireside, MA, Ph.D (1977 social sciences)
- Robert Pasternack, BA, MS, Ph.D (1976 natural sciences)

Professor Emeriti (2021)

- Asma Barlas, BA, MA, MA, PhD; Professor Emeriti of Politics
- Carla Golden, BA, MA, PhD; Professor Emeriti of Psychology
- Bruce Henderson, BS, MA, PhD; Professor Emeriti of Communication Studies
- Fahri Unsal, BS, MS, PhD; Professor Emeriti of Marketing/Law
- Stephen Lahr, BS, PhD; Professor Emeriti of Physical Therapy

Professor Emeriti (2020)

- Greg Bostwick, BFA, MFA; Professor Emeriti of Theatre Arts
- Dan Briotta, BA, MS, Ph.D; Associate Professor Emeriti of Physics and Astronomy
- Bruce Thompson, BA, MS, Ph.D; Associate Professor Emeriti of Physics and Astronomy
- Verna Brummett, BME, MME; Professor Emeriti of Music Education
- Frank Campos, BA, MM, DMA; Professor Emeriti of Performance Studies
- Kim Dunnick, BM, MM, DM; Professor Emeriti of Performance Studies
- Steve Mauk, BME, MM, DM; Professor Emeriti of Performance Studies
- Gordon Stout, BM, MM; Professor Emeriti of Performance Studies
- Gary Sforzo, BS, MS, Ph.D; Professor Emeriti of Exercise Science and Athletic Training

Professors Emeriti (Prior to 2020)

- Vicki L. Cameron - B.A., Ph.D., Charles A. Dana Professor Emerita, 2011
- Nancy Hirschland Ramage - B.A., M.A., Ph.D., Charles A. Dana Professor Emerita of Art History, 2008
- Joel Savishinsky - B.A., Ph.D., Charles A. Dana Professor Emeritus of Anthropology, 2009
- Joy Adams - B.A., M.F.A., Professor Emerita of Art, 2012
- Justin Alexander - B.S., M.A., Ph.D., Professor Emeritus of Physical Therapy, 1995
- Mara Alper - B.A., M.A., Associate Professor Emerita of Television-Radio, 2019
- Mary I. Arlin - B.S., M.M., Ph.D., Professor Emerita of Music, 2008
- Douglas H. Armstrong - B.A., M.A., Ph.D., Professor Emeritus of Modern Languages & Literatures, Spanish, 2011
- Jules R. Benjamin - B.A., M.A., Ph.D., Professor Emeritus of History, 2010
- William R. Bergmark - B.A., Ph.D., Professor Emeritus of Chemistry, 2005
- David Berman - B.M., M.M., Professor Emeritus of Music, 1991
- John Bernard - B.S., M.S., Ph.D., Professor Emeritus of Biology, 2002
- John Bracewell Jr. - B. Mus. Ed., M.A., Ph.D., Professor Emeritus of Theatre Arts, 2010
- Mildred I. Brammer - B.A., M.S., Ph.D., Professor Emerita of Biology, 2001
- Garry L. Brodhead - B.M., M.M., Ph.D., Professor Emeritus of Music, 2008
- Richard W. Brown Jr. - A.B., M.A., Ph.D., Professor Emeritus of History, 2010
- Stephen C. Brown - B.S., M.M., Professor Emeritus of Music, 2011
- Dorothy Buerk - B.S., M.A., Ph.D., Professor Emerita of Mathematics, 2004
- Stephen Clancy - B.A., J.D., Ph.D. Professor Emeritus of Art History, 2016

- Jeff Claus - B.A., M.A., Ph.D., Professor Emeritus of Education, 2015
- Jodi Cohen - B.A., M.A., Ph.D., Professor Emerita of Communication Studies, 2013
- John M. Covert - Performer's Certificate of Music, B.M.E., M.M., Professor Emeritus of Music, 1997
- Mary Ann Covert - B.M., M.A., Professor Emerita of Music, 1997
- Richard E. Creel - B.A., M.Div., M.A., Ph.D., Professor Emeritus of Philosophy-Religion, 2004
- Donald Eckrich - B.A., M.B.A., D.B.A., Professor Emeritus of Marketing, 2019
- Zillah Eisenstein - B.A., Ph.D., Professor Emeritus of Politics, 2013
- Howard Erlich - B.A., M.A., Ph.D., Professor Emeritus of Communication Studies, 2017
- Andrew Ezergailis - A.B., M.A., Ph.D., Professor Emeritus of History, 2009
- Mark Fonder - B.M., M.S., Ed.D., Professor Emeritus of Music Education, 2017
- Françoise P. Gebhart - B.A., M.A., Professor Emerita of Modern Languages and Literatures, French 2011
- Charles C. Grace - B.A., M.A., Ph.D., Professor Emeritus of English, 2011
- Joseph L. Hamilton - B.A.-Ed., M.S., Dir. P.E., Professor Emeritus of Physical Education, 1982
- Sandra Herndon - B.A., M.A., Ph.D., Professor Emerita of Corporate Communications, 2008
- Stephen Hilbert - B.S., Ph.D., Professor Emeritus of Mathematics, 2015
- Roger Hinderliter - B.B.A., A.M., Ph.D., Professor Emeritus of Economics, 2016
- Jack Hrkach - B.A., M.A., Ph.D., Professor Emeritus of Theatre Arts, 2014
- Barbara Johnson - A.B., M.A., Ph.D., Professor Emerita of Anthropology, 2012
- Normal Johnson - B.F.A., M.A., Ph.D., Associate Professor Emeritus of Theater Arts, 2019
- Jane Kaplan - B.A., Ph.D., Professor Emerita of Modern Languages and Literatures, French, 2010
- Martha M. Kelsey - B.A., M.S., Professor Emerita of Health and Physical Education, 1988
- Heinz Koch - B.S., M.S., Ph.D., Professor Emeritus of Chemistry, 2009
- John Maceli - B.S., M.S., Professor Emeritus of Mathematics, 2014
- John Krout - B.A., M.A., Ph.D., Professor Emeritus of Gerontology, 2012
- Jonathan Laskowitz - B.A., M.A., Ph.D., Associate Professor Emeritus of Sociology, 2019
- Patricia Libby - B.S., M.B.A., Ph.D., Associate Professor Emerita of Accounting, 2019
- Frederick Madden - B.A., M.A., Ph.D., Professor Emeritus of English, 2012
- Sabatino Maglione - B.A., M.A., Ph.D., Professor Emeritus of Modern Languages and Literatures, Spanish
- Aniello Massa - B.S., M.B.A., CPA, Professor Emeritus of Accounting, 1997
- Linda M. McBride - B.A., M.A., Ph.D., Professor Emerita of Psychology, 2010
- Paul W. McBride - A.B., M.A., Ph.D., Professor Emeritus of History, 2010
- Earl McCarroll - B.A., M.A., Certificate, Professor Emeritus of Theatre Arts, 2010
- Arthur McCue - B.F.A., M.F.A., Professor Emeritus of Art
- David S. McKeith - B.A., M.A., Ph.D., Professor Emeritus of History, 2010
- Susanne Morgan - B.A., M.A., Ph.D., Professor Emerita of Sociology, 2012
- Henry G. Neubert Jr. - B.M., M.M., Professor Emeritus of Music, 2008
- Tom Nicholson - B.A., M.A., Associate Professor Emeritus of Television-Radio, 2019
- Dani Novak - B.A., M.A., Ph.D., Professor Emeritus of Mathematics, 2015
- Arthur E. Ostrander - B.A., M.M., Ph.D., Professor Emeritus of Music, 2011
- Michael A. Pagliarulo - B.A., M.A., Ed.D., Professor Emeritus of Physical Therapy, 2013
- John R. Pavia - A.B., A.M., Professor Emeritus of History, 2005
- Jack Peck - B.A., M.S., Ph.D., Professor Emeritus of Psychology, 2014
- Marjorie S. Porterfield - B.S., M.M., Professor Emerita of Music, 2008
- James Frederick Pritt - B.S., M.A., Ed.D., Professor Emeritus of Theatre Arts, 2010
- Sarah Rich - B.S., M.A., Ph.D., Professor Emerita of Recreation & Leisure Studies, 2012
- Mary Ann Rishel - B.A., M.A., M.F.A., Professor Emeritus of Writing, 2010
- Megan Roberts - B.A., M.F.A., Associate Professor Emerita of Media Arts, Sciences and Studies, 2019
- Eric Robinson - B.A., M.A., Ph.D., Professor Emeritus of Mathematics, 2014
- Anne Rodda - B.A., M.A., Professor Emerita of Modern Languages and Literatures, German, 2011
- John W. Rosenthal - B.S., Ph.D., Professor Emeritus of Mathematics, 2019
- Ahren J. Sadoff - B.S., Ph.D., Professor Emeritus of Physics, 2004
- Jan Saltzgaber - B.A., M.A., Ph.D., Professor Emeritus of History, 2001
- Richard Schissel - B.S., M.S., Ph.D., Professor Emeritus of Speech-Language Pathology and Audiology, 2017
- Lucille A. Schmieder - A.B., M.S., Professor Emerita of Biology, 2001
- George Schuler - B.A., M.S., Ph.D. Professor Emeritus of Psychology, 2011
- Diane Driscoll Schwartz - A.B., M.A. Ph.D., Professor Emerita of Mathematics, 2008
- Stephen Schwartz - B.A., M.A., Ph.D., Professor Emeritus of Philosophy and Religion, 2009

- Kent Scriber - B.S., M.S. Ed.D., Professor Emeritus of Exercise and Sport Sciences, 2016
- Steven Seidman - B.S., A.M., M.S., Ph.D., Professor Emeritus of Strategic Communication, 2013
- Arno Selco - A.B., M.A., M.A., Professor Emeritus of Theatre Arts, 2010
- Bruce Smith - B.Sc., M.Sc., Ph.D., Professor Emeritus of Biology, 2017
- Paulen A. Smith - A.B., M.S., Ph.D., Professor Emeritus of Physics, 2009
- Charles Spencer - A.B., Ph.D., Professor Emeritus of Physics, 2007
- Martin Sternstein - B.A., Ph.D., Professor Emeritus of Mathematics, 2017
- James Swafford - B.A., M.A., Ph.D., Associate Professor Emeritus of English, 2019
- Joseph F. Tempesta - B.A., M.A., Ph.D., Professor Emeritus of History, 2010
- E. William Terwilliger - A.B., M.A., Ph.D., Professor Emeritus of English, 1994
- Garry L. Thomas - B.A., M.A., Professor Emeritus of Anthropology, 2008
- Steven R. Thompson - B.S., M.S., Ph.D., Professor Emeritus of Biology, 2004
- Sarah Trenholm - B.A., M.A., Ph.D., Professor Emerita of Communication Studies, 2013
- Glenn Vogel - B.S., M.S., Ph.D., Professor Emeritus of Chemistry, 2006
- Jane Vogel - B.A., M.A., Ph.D., Professor Emerita of English, 2012
- Susan Weisend - B.A., B.F.A., M.F.A., Professor Emerita of Art, 2019
- Wenmouth Williams - B.S., M.S., Ph.D., Professor Emeritus of Television-Radio, 2019
- Dana Wilson - B.A., M.A., Ph.D., Professor Emeritus of Music Theory, History, and Composition, 2017
- M. Raquibuz Zaman - B.A., M.A., Ph.D., Professor Emeritus of Finance and International Business, 2017

- B.S. (University of West Florida), M.S. (Alabama A&M), Ph.D. (Indiana Institute of Technology)

Hayley Harris, *Vice President for Human Resources and Planning*

- B.M.(Boston University), M.Phil. (Yale)

La Jerne Terry Cornish, *Provost and Executive Vice President for Academic Affairs*

- B.A. and M.Ed. (Goucher College), Ph.D. (University of Maryland, Baltimore County)

Laurie Koehler, *Vice President for Enrollment Management*

- B.A. and M.Ed. (University of Virginia)

Academic Affairs

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La Jerne Terry Cornish, *Provost and Executive Vice President for Academic Affairs*

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Bradley K. Hougham, *Associate Provost for Faculty Affairs*

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School of Business

TBA, *Dean*

- *under construction*

Dawn Kline, *Associate Dean*

- B.A. (Rochester); M.A. (SUNY, Buffalo)

Roy H. Park School of Communications

Jack Powers, *Interim Dean*

- B.A. (Mount Union College); M.A. (Ohio State University); Ph.D. (Syracuse University)

Robert Gearhart, *Associate Dean*

- B.S., M.S. (Ithaca College)

Bryan Roberts, *Associate Dean*

- B.A., M.S. (University of Connecticut)

Nigel Martin, *Director of Technical Operations*

- B.A. (Howard University)

The information below is current as of June 4, 2021.

Office of the President

Shirley M. Collado, *President*

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- B.S., M.S. (Ithaca College); Ph.D. (Ohio University, Lancaster)

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