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# ITHACA COLLEGE CATALOG 2024-2025

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**Welcome to the Ithaca College Catalog. You can find the following in this catalog:**

- College Wide Academic Policies and Procedures (p. 3)
- Undergraduate (p. 7)
- Graduate (p. 649)
- Archive Catalogs (p. 760)
- Faculty & Administrator Directory (<https://catalog.ithaca.edu/faculty-administrator-directory/>)

# COLLEGE WIDE ACADEMIC POLICIES AND PROCEDURES

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This section of the catalog contains the most current version of Ithaca College's academic policies and procedures that affect all students (undergraduate, graduate, and extramural students).

On occasion, academic policies change after publication of the catalog; the policies described on the following pages are accurate as of July 1, 2024.

- Academic Dishonesty (p. 4)
- Attendance Policy (p. 4)
- Credit Hour Policy (p. 4)
- Distance Online Learning Policy (p. 5)
- Processes for Appealing College Policies and Academic Decisions (p. 6)

## Family Educational Rights and Privacy Act of 1974 (FERPA)

Information regarding FERPA can be found in the Ithaca College Policy Manual 7.1.1 located in the Policy Manual. (<https://www.ithaca.edu/policy-manual/volume-vii-students/71-general-student-policies/711-family-educational-rights-and-privacy-act-ferpa.html>)

## Important Declarations

### 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.

### NON-DISCRIMINATION STATEMENT

The College recruits, hires, and promotes on the basis of individual qualifications and performance. 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 the admission or access to, or treatment or employment in, any program, activity, area, or operation of the College. Concerns regarding known or suspected instances of disability-based discrimination may be brought to the attention of the Director of Benefits Compliance, in the Office of Human Resources, at [humanresources@ithaca.edu](mailto:humanresources@ithaca.edu) or (607) 274-8000. Any inquiries concerning the College's non-discrimination policies on sexual harassment or other forms of sex discrimination may be directed to Ithaca College's Title IX Coordinator, Linda Koenig, at [lkoenig@ithaca.edu](mailto:lkoenig@ithaca.edu) or (607) 274-7761; or 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.

## Academic Dishonesty

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.

For more information, see 7.1.4 (<https://www.ithaca.edu/policy-manual/volume-vii-students/71-general-student-policies/714-standards-academic-conduct/>) in the Student Policies.

## 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.
  - Graduate students may not take a leave of absence
- A student may be excused to participate in local, state, or federal elections. The student is responsible to make up any work that is missed due to the absence. Any such work is to be

completed within a reasonable time frame, as determined by the faculty member.

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.

## Credit Hour Policy

### Student Credit Hours Policy

The policy described here for assigning student credit hours to courses and educational experiences follows guidelines set forth by the New York State Department of Education ([Below is a condensed version of the full credit hour policy \(<https://ithacaedu.sharepoint.com/:b:/s/OfficeoftheProvostPublicDocuments/Ed0W1t0bc0pJoY0yE5TLlq1BxIHK7W8xQlv1Q1eypr2uw/?e=6j6Kga>\).](https://catalog.ithaca.edu/file:///users/szabusk/Dropbox/APC%20General%20&%20Materials%20-%20SZ/2023%20Credit%20Hour%20Policy%20working%20documents/2023-24%20IC%20Credit%20Hour%20Policy%20Proposal/(https://www.msche.org/%3fs=Credit%20Hour&stype=ipf_policies-guide/</a>).</p>
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## Definitions

### Instructional Time

Instructional time is time spent in the classroom, inclusive of regularly scheduled instruction, as well as a scheduled examination period. Instructional time during the examination period may include, but is not limited to: seated exams, and/or final projects, presentations, or papers. Instructional time must be supplemented by, but generally cannot be replaced by, time students are expected to spend on academic work and preparation. Instructional time for classroom-based courses does not include vacation periods, homework, travel, or orientation.

### Credit Hour

The unit of credit used at Ithaca College is the semester hour which combines instructional time with supplemental work outside of class time. Consistent with the traditional "Carnegie Unit" formulation, one credit is earned for the completion of one 50-minute class period per



week over a 15-week semester, with 2 hours for supplemental work outside of class time required of the student. For certain experiential, hands-on activities and individualized credit-bearing experiences, such as music lessons, independent study, or faculty-supervised internships, the College uses 60 minutes as the standard for calculation of credits.

*One semester hour of credit represents ~3 hours of student academic work per week or 45 hours of academic work per semester.*

Because at Ithaca College, classes meet for 14 weeks, it is required that faculty engage in the appropriate amount of instructional time with students during the 15th week of the semester, which is final exam week. In this time period, faculty may require seated exams, presentations, or other classroom-based activity to fulfill expectations for instructional time for that week.

In credit-bearing courses that meet for fewer than 15 weeks (for example, short-term courses, winter session and summer session courses, and block courses), *the hours per week for both instructional time and supplemental work are proportionately increased* to achieve the required 45 hours/credit.

A framework for how the credit hour translates to particular types of instruction, including those in which the educational experience takes place outside the classroom, is provided in the full policy (<https://ithacaedu.sharepoint.com/:b:/s/OfficeoftheProvostPublicDocuments/Ed0W1t0bc0pJoY0yE5TLLqIBxIHK7W8xQlVvIQ1eypr2uw/?e=6j6Kga>).

## Distance/Online Teaching and Learning

Online courses at Ithaca College comply with policies related to distance education. Regardless of instruction mode or delivery method, *the same minimum amount of combined instructional time and supplemental work is required to assign the appropriate number of credits to the course.* In asynchronous courses, faculty must provide *regular* and *substantive* interactions with students to satisfy expectations for instructional time; instructional time may take different forms, including participating in faculty-moderated online discussions.

(Definitions of regular and substantive interaction are provided in the full policy (<https://ithacaedu.sharepoint.com/:b:/s/OfficeoftheProvostPublicDocuments/Ed0W1t0bc0pJoY0yE5TLLqIBxIHK7W8xQlVvIQ1eypr2uw/?e=6j6Kga>)).

Courses during the academic year are normally expected to be taught in person. Faculty who wish to deliver an undergraduate course via a fully distance learning, remote modality (whether synchronous or asynchronous) in the fall or spring semesters must have the course offering approved by the office of the dean.

Additional policy and procedures regarding remote/online instruction can be found in the Ithaca College Distance Learning Policies and Procedures (<https://www.ithaca.edu/office-provost/resources-faculty/distance-learning-policies-and-procedures/>).

## Zero Credit Courses

In some cases, Ithaca College offers courses that carry zero credits. Courses with zero credits are opportunities to engage in learning primarily through attendance, and do not carry any expectation of supplemental work or preparation. All 0 credit courses are graded P/F.

# Distance Online Learning Policy

## OVERVIEW

Ithaca College offers select credit-bearing coursework, degree programs, and non-credit bearing certificate programs or credentials online.

Our institutional mission is to be a “global destination for bold thinkers seeking to build thriving communities”. Online programming aligns with this mission by broadening our reach and expanding access to quality educational opportunities.

Online learning provides students with a flexible and alternative way to engage in academic study and complete degree programs, or to acquire specific job skills or credentials. The college’s online courses and programs maintain the same quality and rigor that can be found in our traditional classroom setting.

The Office of the Provost maintains primary institutional responsibility for policies and procedures for online coursework and programs. These policies and procedures will be reviewed annually to account for rapid technological changes with online instructional design or program delivery which may warrant updates. Substantive changes are subject to the process for policy review and approval outlined by the college’s Academic Policies Committee (APC), which may also necessitate review by Graduate Council.

The policies outlined in this document will apply regardless of the format or method of online learning. If a policy is not specifically addressed herein, the appropriate institutional (undergraduate, graduate, or office of extended studies) policies apply.

## DEFINITION OF ONLINE COURSEWORK AND PROGRAMS

Online coursework and programs require that students be separated by time and/or space from the instructor and/or the campus from which the course/program originates. Modes of instruction and communication are by technological means, now known or hereafter developed. The policies and procedures outlined here apply to synchronous and asynchronous online instruction defined as follows:

- **Synchronous** – Interactions between Instructors and Students take place simultaneously in prescheduled meeting times.
- **Asynchronous** – Interactions between Instructors and Students take place at different times as assigned by the instructor.

## General Requirements

### PROGRAM REGISTRATION AND ACCREDITATION

Credit-bearing online coursework and programs (either degrees or certificates) must comply with appropriate NYS State Education Department (NYSED) Guidelines pertaining to program registration. In addition, professional programs may need to seek approval from their appropriate accrediting body. Deans and the Office of the Provost must ensure that all accreditation requirements and standards are met.

Departments interested in offering degree-conferring programs that utilize fully online modalities for a significant portion of their curriculum must consult with their Dean’s office and follow the appropriate Program Authorization steps. All online coursework and credit-bearing programs must be submitted and approved through the appropriate school curriculum committees, and the Academic Policies Committee or Graduate Council, as appropriate.

Faculty interested in offering online programming that is noncredit-bearing must consult with the Office of Graduate and Professional Studies.

## DISCLOSURES TO PROSPECTIVE STUDENTS

Degree-bearing programs or certificates that utilize more than incidental use of online coursework must be marketed as such and clearly explained to prospective students prior to enrollment.

Because online coursework can vary in modes of delivery and technical sophistication, and students taking online courses are expected to assume much greater independent responsibility, special restrictions may be necessary, or even required, as conditions for enrollment in an online course or program. These requirements must be communicated to prospective students prior to enrollment.

## ACCESSIBILITY

All online coursework shall comply with the Americans with Disabilities Act of 1990, Section 504 of the 1973 Rehabilitation Act.

## Application to Family Educational Rights and Privacy Act (FERPA)

Ithaca College and its academic units comply with the requirements of the Family Educational Rights and Privacy Act (FERPA). Ithaca College makes every reasonable effort to protect the privacy of student sensitive personal information regardless of course or program delivery method. Information regarding FERPA can be found in the Ithaca College Policy Manual 7.1.1 located in the Policy Manual. (<https://www.ithaca.edu/policy-manual/volume-vii-students/71-general-student-policies/711-family-educational-rights-and-privacy-act-ferpa.html>) The Office of the Registrar is the point of contact for FERPA-related issues.

## APPLICATION TO GRADUATION REQUIREMENTS

Credit-bearing online and in-person coursework may be used interchangeably to meet graduation requirements, unless expressly prohibited by major or minor-specific curricular policies. Online courses completed at other institutions *may* be accepted in transfer, provided that the courses have been evaluated by the Registrar, the appropriate academic department, and meet all other transfer requirements.

The college does not designate individual courses as online on the official transcript. However, students graduating from a fully online degree program will have this designated on their official Ithaca College transcript.

## USE OF THE LEARNING MANAGEMENT SYSTEM

The intended use of the Ithaca College learning management system (<https://www.ithaca.edu/information-technology/learning-innovative-technologies/canvas-lms/>) is to complete activities specifically approved by the college. All users must abide by the policies and procedures described in Section 2.10 Technology Use Policies of the Ithaca College Policy Manual. Any use of the designated learning management system not related to the fulfillment of college-approved course or program responsibilities and deliverables is prohibited, including but not limited to business venture proposals. Credentials for access to the learning management system should not be shared with anyone for any reason. This includes backup of credentials, entry into the learning management system for completion of course requirements, assignments, or assessments. In no event will Ithaca College be liable to users for any incidental, indirect, special, or consequential damages arising out of improper use of credentials or the materials provided. Infringement of this policy will result in an academic review, pursuant to the Ithaca

College Student Conduct Code, Faculty Handbook, or Policy Manual as appropriate.

# Processes for Appealing College Policies and Academic Decisions

## STUDENTS' RIGHT TO PETITION

Each currently enrolled 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 when appropriate by the department chair, 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 guidelines for grade disputes (see below).

Graduate programs may have earlier deadlines and condensed timelines for appeals than the college to permit the student to continue to progress in their coursework. Students should refer to the policies and procedures of their graduate program regarding appeal deadlines, timelines, and policies.

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. Graduate programs, when it is appropriate and feasible, the provost or designee consults with the individuals involved before making a final decision.

## 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" above. 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.

# UNDERGRADUATE

## Undergraduate Catalog 2024-2025

The requirements specified in this catalog apply to students who commence their studies at Ithaca College during the 2024-2025 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 should be made in consultation with your academic advisor and your Dean's office for review and approval.

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 "Satisfactory Academic Progress." (p. 17)

The student should be aware that some information in the catalog may change. It is recommended that students considering enrollment check with the appropriate Dean's office 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 Dean's office to determine if there are any changes in the courses/curricula offered or the teaching personnel listed in the catalog.

- Mission (p. 7)
- Academic Accreditations and Affiliations (p. 8)
- Academic Calendar (p. 8)
- Academic Information (p. 9)
- Admission Information (p. 19)
- Continuing Education Programs (p. 23)
- Courses A - Z (p. 24)
- Credit from External Sources (p. 249)
- Financial Aid (p. 254)
- Programs A - Z (p. 268)
- Schools (p. 276)
- Separation from the College (p. 640)
- Student Information (p. 646)

[www.ithaca.edu](http://www.ithaca.edu)

607-274-3011

## 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 Accreditations and Affiliations

- All-College (p. 8)
- School of Business (p. 8)
- Roy H. Park School of Communications (p. 8)
- School of Health Sciences and Human Performance (p. 9)
- School of Humanities and Sciences (p. 9)
- School of Music, Theatre, and Dance (<https://catalog.ithaca.edu/undergrad/academic-accreditations-affiliations/school-music-theatre-and-dance/>)

## 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 may be found at the Office of Residential Life Move-In website (<https://www.ithaca.edu/residential-life/living-campus/move-in/>) and closings may be found at the Office of Residential Life Move-Out website. (<https://www.ithaca.edu/residential-life/living-campus/move-out/>)

## All-College Accreditations

- Middle States Commission on Higher Education
- New York State Education Department
- Association for Advancing Quality in Educator Preparation

## Affiliations/Memberships

- American Council on Education
- Association of American Colleges and Universities
- Association of American Colleges and Universities - Presidents Trust Membership
- Association of Governing Boards of Universities and Colleges
- College Board
- Council for Higher Education Accreditation (CHEA)
- Commission on Independent Colleges and Universities
- Council on Competitiveness
- Council of Graduate Schools

- Council of Independent Colleges
- Council on Undergraduate Research
- Empire State Library Network
- Excelencia in Education
- Ithaca Area Economic Development
- Middle States
- NACUBO
- NAFSA: Association of International Educators
- National Association of Independent Colleges and Universities
- NC-SARA: National Council for State Authorization Reciprocity Agreements
- New York Campus Compact
- Partners for Campus - Community Engagement
- President's Alliance on Higher Education and Immigration (PAHEI)
- SUNY College at Oneonta
- Tompkins City Chamber of Commerce
- Upstate New York College Collaboration (UNYCC)

## 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
- Association for Advancing Quality in Educator Preparation
- 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

# School of Humanities and Sciences

## Accreditations

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

## Affiliations

- Association of Independent Liberal Arts Colleges for Teacher Education;
- Association of Teacher Educators;
- New York Association of Colleges for Teacher Education.

## Academic Information

This section provides detailed information on policies, procedures, and regulations concerning undergraduate student course registration and progress towards graduation, as well as resources available to support students.

Students are expected to: acquaint themselves with this information, follow expectations for all processes, and work closely with their adviser on the implementation of regulations.

- Academic Advising and Student Services (p. 9)
- Course Credit and Grade Information (p. 10)
- Graduation Regulations (p. 12)
- Registration Information (p. 14)
- Satisfactory Academic Progress (p. 17)
- Student Academic Rights and Responsibilities (p. 18)

## Academic Advising and Student Services

### Faculty Advising

At Ithaca College, effective academic advising forms a crucial part of the educational experience. The college community is dedicated to offering the necessary support, guidance, and direction that students require to explore their life and career aspirations and formulate their educational plans. This advising relationship, which is a collaborative and ongoing dialogue, goes beyond mere course selection. It aims to aid all students

as they navigate academic programs, immerse themselves in college life, concentrate on a major, and prepare for a lifetime of learning, citizenship, and service in a global society.

Every student is assigned a faculty advisor from their respective school or program. These faculty advisors are responsible for sharing information on major, minor, and graduation requirements. They also direct students to the appropriate individuals or offices when additional assistance is needed and can assist in finding information on academic policies, procedures, and deadlines. Besides meeting with their faculty advisors during registration periods, students are encouraged to proactively seek their advisors' help before academic issues arise. By establishing a close working relationship with their faculty advisors, students can gain a better understanding of the extensive range of educational opportunities available at the College. The most fruitful and enjoyable student-advisor relationships are fostered through regular 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.

## Peer Tutoring and Coaching Services

Tutoring is available to all Ithaca College students free of charge through the Center for Student Success. Students are assigned tutors on a first-come, first-served basis. Tutoring is available for a standard list of course offerings each semester, assistance may be offered in other courses as well.

Peer tutors, referred to as Learning Coaches, provide coaching through challenging course material, using a variety of strategies designed to help students learn and enhance their critical thinking skills. All Learning Coaches are recommended by faculty. In addition, Learning Coaches complete a training course based on standards set forth by the College Reading and Learning Association (<https://crla.net/>) and other national organizations.

Tutoring and Academic Enrichment 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 C (<https://www.ithaca.edu/tutoring/>) enter for Student Success website. (<https://www.ithaca.edu/center-student-success/>)

## Center for Student Success

The Center for Student Success (CSS) is Ithaca College's central resource for academic support and academic performance enhancement, serving undergraduate students from the summer before orientation through graduation. CSS offers professional success coaching, course-specific tutoring, connection to student services in other offices, and a broad spectrum of skills and personal development workshops. It is the home of the largest base of peer educators at Ithaca College, including the peer success coaching and first-year peer leader programs dedicated to helping students learn the skills, knowledge and dispositions to become successful collegiate scholars. Students may connect to the center by walking in, making an appointment, as well as being referred by a staff or faculty member for academic concerns, need for additional support and skill-building, or their potential to become a peer educator.

To learn more about contact and location information, visit the Center for Student Success website (<https://www.ithaca.edu/center-student-success/>).

## 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. IT provides free workshops and consulting services to Ithaca College students, staff and faculty.

Information Technology supports student computer facilities located all over the campus. This includes Macintosh and Windows computer classrooms, along with a number of open-access labs staffed by student consultants. 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/>).

## Career Exploration and Development

The Center for Career Exploration and Development is accessible to all students and alumni of Ithaca College, at any point in their time at the College or in their career. Students can take advantage of the Center's services as soon as they arrive on campus; the sooner students begin collaborating with the Center, the more assistance they receive in accessing resources, identifying opportunities, building a network, and staying informed about how their experiences will benefit their future endeavors. A Career Engagement Specialist provides one-on-one support to students as they consider their career aspirations and contemplate

the numerous factors that influence their goals. Specialists can guide students to construct a personalized 4-year plan to optimize their time at IC and best prepare for their transition into the workforce.

More information on the Center's services and resources are available on the Career Exploration & Development website (<https://www.ithaca.edu/center-career-exploration-and-development/>), where students can also make an appointment for a one-on-one meeting with a Career Engagement Specialist.

## 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.

## 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. 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 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.

## Course Credit and Grade Information 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 it is truncated.

Grade	Quality 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 (Pass)	Not calculated
I (Incomplete)	Not calculated
S (Satisfactory)	Not calculated
W (Withdrawal)	Not calculated
NGS (No Grade Submitted)	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 on IC Workflow. This form must be submitted to the registrar by the end of the 10th 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.

## Repeating a Course

A course is considered a repeat if the original course and the subsequent course are taken at Ithaca College and have the same course subject and number.

### REPEATABLE COURSES

A repeatable course is a course that may be taken multiple times for credit regardless of the grade earned. The repeat rule, listed in the course description, may indicate the maximum number of times the course may be taken (e.g. three times) or the maximum number of credits the course may accumulate (e.g. up to 12 credits).

A student may take repeatable courses up to the maximum times/hours indicated in the course description. If the student retakes a repeatable

course beyond the maximum allowed, the College will apply the repeat rules for non-repeatable courses to the overage as described below.

### NON-REPEATABLE COURSES

A non-repeatable course is a course that may be taken only once for credit. However, if a student repeats a course designated as non-repeatable the following rules apply:

- Students may repeat a course only once.
- Only the higher grade is counted in the cumulative GPA if the original grade is D+ or lower.
- In all other cases both (any grade earned above D+) grades are averaged into the cumulative GPA.
- Credit hours for a repeated course with passing grade(s) will only count once.

All instances of the repeated course and grades will appear on the transcript with an indicator that it is a repeated course (R) or an averaged course (A).

This policy applies only to courses completed prior to the degree being conferred. The cumulative GPA will not be adjusted under this policy for any courses repeated after a degree has been awarded.

Repeating a course may have financial aid implications; financial aid recipients intending to repeat a course should first seek advice from Student Financial Services.

## 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).

To request an incomplete, a student must meet with the faculty instructor of their course and present a legitimate reason to justify the request. The faculty member and student then determine the terms of the completion of the course including specific assignments with criteria for assessment and due date, which can be 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.

The Incomplete Grade request form must be completed by the faculty member in IC Workflow (<https://apps.ithaca.edu/>).

For "incomplete" deadlines for seniors, see the relevant section under Graduation Regulations. (p. 12)

## 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.

## Course Grading

### MIDTERM GRADES

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 handle this policy as it relates to the individual faculty members and courses within their school.

### END OF SEMESTER GRADES

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.

## Graduation 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), "Policy on Grade Disputes" (Policy Manual section 7.2.3.6.3), and "Students' Right to Petition" (Policy Manual section 7.2.4.2).

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.
  3. 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.
  4. 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.
  5. Satisfactory completion of all current New York State requirements for teacher certification, if appropriate. See section below on teacher certification.
  6. To be eligible to earn an undergraduate degree at Ithaca College, a minimum of 48 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.
  7. Satisfactory completion by transfer students of at least 48 semester credits at Ithaca College. Program requirements may stipulate more than this minimum; check program listings under the appropriate school.

## Degree Conferral

Degree Conferral is the official acknowledgment of completion of all degree requirements and is noted on your official transcript. Ithaca College will confer degrees on five graduation dates each academic year:

- October: last day of the first block of the fall semester
- December: December 31
- May: Date of Commencement for the spring semester
- July: July 5
- August: August 15

Diplomas are mailed to the address the student has recorded on their application for graduation six to eight weeks after the conferral date. Students will also receive an electronic diploma delivered to their IC email address. Diplomas include, name student has recorded on their application for graduation, the degree conferred, conferral date, degree awarded (bachelor of arts, bachelor of science, bachelor of fine arts, or bachelor of music) and any Latin honors earned. If a student graduates with a second Baccalaureate Degree, they will receive two diplomas. All major, minors and concentrations will appear on the official transcript.

The diploma measures 11 inches wide by 8.5 inches tall (US letter-size paper, landscape orientation). The name on your official student record (including diplomas and transcripts) cannot be changed after your degree has been conferred. Though a student will not have their diploma on the date of graduation, if they have completed all degree requirements for graduation and have no holds on their record, they will be able to obtain transcripts shortly after end of term processing which will display degree conferral.



## Application to Graduate

All candidates for graduation must complete an application for degree, in HomerConnect, by specific deadlines that are listed below. To apply, undergraduate students must have a minimum of 85 earned credits and graduate students must have a minimum of 15 earned credits. The application for degree indicates the student's intent to graduate with a specific date and informs the office of the registrar a student's preference for their diploma name and diploma mailing address. Students must complete, all degree, major(s), minor(s), and Integrative Core Curriculum requirements by their graduation date. Application for graduation is not an RSVP to attend the commencement ceremony. Students will receive instructions to RSVP to attend commencement based on expected graduation date.

Graduation Date	Due Date for Application
October	September 15
December	September 15
May	November 15
July	November 15
August	April 15

## 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.

Honor	GPA
Summa cum Laude	3.900 and above
Magna cum Laude	3.700-3.899
Cum Laude	3.500-3.699

## "Incomplete" Deadlines for Seniors

Graduating seniors who have an incomplete grade on their academic record during their final semester must adhere to the following guidelines:

**Coursework Completion:** All coursework related to the degree must be completed within 20 days after the last day of classes, not including final exams.

**Administrative Paperwork:** While the coursework must be completed within the specified timeframe, the paperwork necessary for the removal of the incomplete grade must also be completed within 20 days after the last day of classes.

**Graduation Date Adjustment:** If the incomplete grade is not resolved within this timeframe, the student's graduation date will be adjusted to the next degree conferral date.

Please note that these guidelines are designed to ensure a smooth transition from coursework completion to degree conferral.

## 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, 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. 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/>)).

## 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 Teacher Certification Specialist 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. Assistance with New York State teacher certification can be obtained through the Office of Teacher Certification, housed in the Department of Education. Learn more on the Teacher Certification at IC website (<https://www.ithaca.edu/academics/all-college-teacher-education/teacher-certification-ic/>).

## Graduation with an 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 (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/integrative-studies/>))

## 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 BA programs or two BS

programs, etc.). A double major requires extremely careful planning in order to meet New York State, College, school, and departmental requirements. The dean's office 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 (that is, two different degrees, BA, BS, BFA, BM). Students will need to complete a minimum of 150 credits to earn a second Baccalaureate Degree. Students are advised to consult with student financial services. Students planning to complete a second baccalaureate degree must first check with the dean's office for details on New York State Education Department requirements. A maximum of two degree types can be earned.

## 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) or the park pathways in the Park School of Communication or business pathways in the School of Business. These categories are for advising purposes; they are not major programs and students may remain in them for a limited time only. More detailed information is available at <https://www.ithaca.edu/academics/exploratory-program> (<https://www.ithaca.edu/academics/exploratory-program/>).
2. Admission to a major requires 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 change of major form is submitted through IC Workflow, approved by the academic dean and chair, and processed by the registrar.
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. To remain in an original catalog, a change of catalog year form is submitted through IC Workflow, approved by the academic dean, and processed by the registrar.
5. Students who declare a double major must, in consultation with the relevant dean(s) and department chairs(s) select a single catalog year. To change catalog, a change of catalog year form is submitted through IC Workflow, approved by the academic dean, and processed by the registrar.

## 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.

Admission to a minor or a concentration requires acceptance by the chair of the department that offers the minor or concentration. A student can submit a change request on IC Workflow. The change is official once the request 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.

## Undergraduate 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 (<https://catalog.ithaca.edu/undergrad/academic-information/credit-grade/>)" 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.

## Registration 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) in the course schedule for the semester they are offered.

## Registering for Classes

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.

## Class Standing 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

## Period for Add/Drop

The add/drop regulations also apply to changing instructors, sections, 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 first day 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. To register for more than 18 hours a student can submit an over 18 credits request for consideration on IC Workflow. 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 a record review, 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 on IC Workflow and must be complete and approved by the dean's office for a tuition adjustment to be made. 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. If a course is not dropped for nonattendance a grade of F will be posted.

When a student withdraws or is withdrawn from a course, a grade of W will show on the student's transcript.

## Course and Registration Restrictions

Prerequisites, corequisites, and permission of instructor are types of requirements that affect a student's ability to register for a course. These requirements are noted in course descriptions in the catalog or in the

course schedule on HomerConnect. Courses above the 100-level have some type of prerequisite or restriction.

A prerequisite is a required course that must be successfully completed prior to enrolling in a more advanced course. Prerequisites also can include scores on placement assessments. The purpose of prerequisites is to ensure that students are prepared to advance to the next level of coursework.

A corequisite is a course or other requirement a student must take at the same time as another course or requirement.

"Permission of instructor" indicates admission to the course is based on an assessment by the instructor of the student's academic preparation for the course.

Restrictions that may be applied to course registration include: major, minor, concentration, and class standing; such restrictions are noted in the course schedule on HomerConnect.

Students who believe they have preparation equivalent to the listed criteria or justification to qualify for restrictions may seek permission to override the requirements or restrictions prior to registering for the course by submitting a request for a course registration override via IC Workflow. Access to the course registration override form opens with their time ticket opens for registration.

Closed courses, classes that are in time conflict, and graduate level restrictions are not included in the course registration override request form. If a course is closed, a student may register for a seat on the waitlist, if available. Requests for a time conflict or graduate level restriction exception may be made via a form available on the Office of the Registrar website.

## 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 submit a request for consideration via IC Workflow. Billing for the additional tuition will occur at the end of the add/drop period.

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 their rooms or apartments 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 housing questions regarding part-time status should#be#directed to the Office of Residential#Life.

Part-time status for degree candidates requires approval and should be requested via IC Workflow. 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 incoming students may take a series of tests that are used for placement and guidance purposes. A mathematics placement examination is required of all first-year and transfer students. Any student that has previous language experience and intends to continue their studies needs to complete the language placement exam. All students entering the School of Music, Theatre, and Dance 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:

- 100-level and 200-level courses are generally appropriate for first-year and sophomore students.
- 300-level and 400-level courses are generally appropriate for juniors and seniors.
  - Most courses except those at the 100-level have prerequisites.
- 500-level 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.
- 500-level 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.

## 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.

## 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.

## 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 complete a withdrawal form via IC Workflow 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 and will earn a grade of F. Withdrawal from a course does not result in a waiver of the tuition due for that course.



## 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:

- An instructor can drop any student on their roster if they do not attend the first class meeting of the semester and fails to notify the instructor in advance that they cannot attend the class; and/or
- 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
- any time a student violates the written rules for remaining in good standing in the course.

See the "Attendance Policy" (p. 4) 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. In weeks 11-15, a grade of F will be recorded. Students should not rely on faculty members to remove or withdraw them from courses.

## Reading Day Policy

Ithaca College's Reading Day is a dedicated, non-instructional day during Finals Week, specifically designed to provide students with ample time to prepare for their final exams. The scheduling of Reading Days is contingent upon the academic calendar's structure. Typically, if there is a weekend separating the days of final exams, a Reading Day may not be scheduled.

On Reading Days, no mandatory academic activities, such as classes, labs, or assignments, will be held. The primary purpose of these days is to provide students with an uninterrupted period for reflection, preparation, and review in anticipation of their final exams.

Faculty members are encouraged to consider offering optional study sessions or office hours on Reading Days. These sessions are not mandatory and are intended to provide additional support to students who wish to attend. The decision to participate in these supplemental sessions or office hours is entirely at the discretion of the students.

## Satisfactory Academic Progress

### 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. 259)" 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 they have 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 they have spent one or more semesters on college suspension and have 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.

Student Academic Rights and Responsibilities

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 or designee. 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.

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 and unofficial transcript using the student information system website.

Student Retention and Graduation 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, 83.3% of the first-year students entering in the fall of 2022 returned in the fall of 2023. For comparison, the mean national rate at similar colleges was 79.0% for the fall 2021 cohort returning in fall 2022, per the National Student Clearinghouse (<https://nscresearchcenter.org/persistence-retention/>)First-Year Persistence and Retention 2021 Beginning Postsecondary Student Cohort (<https://nscresearchcenter.org/persistence-retention/>) 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, 74.1% of the first-time, full-time students entering in fall 2017 graduated within six years. For comparison, the mean national average at private, non-profit, four-year institutions was 77.5% per the National Student Clearinghouse ([https://nscresearchcenter.org/wp-content/uploads/Completions\\_Report\\_2023.pdf](https://nscresearchcenter.org/wp-content/uploads/Completions_Report_2023.pdf))*Completing College National and State Reports*.

For more information about data at Ithaca College, please visit the Ithaca College Student Consumer Information. (<https://www.ithaca.edu/student-consumer-information/>)

## Admission Information

- Admission (p. 19)
- Articulation Agreements (p. 20)
- International Students (p. 20)
- Office of Access, Opportunity & Achievement (p. 21)
- Proof of High School Graduation (p. 21)
- Transfer Students (p. 22)

For more information on transfer credit (A-Levels, CLEP, IB, AP), please see Credit from External Sources (p. 249)

## 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. See [ithaca.edu/visit](https://www.ithaca.edu/visit/) (<https://www.ithaca.edu/visit/>) for additional information. Please contact the Office of Admission at [admission@ithaca.edu](mailto:admission@ithaca.edu) or 1-607-274-3124 if you have any questions.

## APPLICATION INFORMATION (except FOR School of Music, Theatre and dance Majors)

### 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. Early decision is a first-choice, binding agreement, and those offered admission will be expected to submit an enrollment confirmation and nonrefundable advance deposit by

February 1. Students offered early decision admission agree to withdraw applications submitted to other colleges or universities.

Applications must be filed by November 1. Decisions will be released by December 15.

### Early Action

Ithaca College offers a nonbinding early action option for students who complete their application to Ithaca College by December 1. Early action applicants will be notified of an admission decision by February 1.

### Regular Decision

First-year and transfer candidates may apply for regular admission for the fall or spring semester.

- First-year and transfer applicants for the spring semester should apply no later than November 1.
- First-year applicants for the fall semester should apply no later than February 1.
- Transfer applicants for the fall semester should apply no later than March 1.
  - Transfer students are encouraged to submit their application early in the semester preceding their intended semester of entry.

## APPLICATION INFORMATION FOR THE SCHOOL OF MUSIC, THEATRE AND DANCE MAJORS

### EARLY ACTION

Early action is not offered for applicants to the School of Music, Theatre and Dance.

### EARLY DECISION

Early decision is not offered for applicants to Acting, Musical Theatre or Stage Management or transfer applicants.

Early decision applicants to all other programs must submit their Common Application **and** Accepted application by November 1 and must audition or interview on the first available date.

Early decision applicants will be notified of their admission decision **around** December 15.

### REGULAR DECISION

Spring semester admission is not offered for Acting, Musical Theatre, Sound Recording Technology, Stage Management or Theatre Production & Design.

Spring applicants to all other programs must submit their Common Application **and** Accepted application by November 1 and must audition or interview on the first available date.

Regular decision applicants to Acting, Musical Theatre, Sound Recording Technology (all instruments), and Voice (all programs) must submit their Common Application **and** Accepted application with pre-screen materials by December 1.

Applicants to Acting, Musical Theatre, Sound Recording Technology (all instruments), and Voice (all programs) must submit pre-screen materials as part of their Accepted application before being invited to audition. Pre-screen requirements vary by program; see each Center's requirements [here](#):

## Center for Music Admission Requirements

## Center for Theatre and Dance Admission Requirements

Regular decision applicants to all other majors in the School of Music, Theatre and Dance have until February 1 to submit the Common Application **and** Accepted application for fall admission.

Transfer applicants must submit their Common Application **and** Accepted application by the dates listed above.

## 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 115 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. A score of 600 or its equivalent on the evidence-based reading and writing section of the SAT also exempts applicants from the testing requirement.

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 2024-2025

### Admission Application Filing Dates for Fall 2025

- Early decision applications must be received by November 1, 2024.
- Early decision notification will be released by December 15, 2024.
- Early decision enrollment deposit is due by February 1, 2025.
- Early action applications must be received by December 1, 2024.
- Early action notification will be released on a rolling basis by February 1, 2025.
- Regular decision applications for all programs except for those in the School of Music, Theatre and Dance must be received by February

1, 2025, for first-year students and by March 1, 2025 for transfer students.

- Regular decision notification will be released on a rolling basis by April 15, 2025.
- Regular decision enrollment deposits are due by May 1, 2025.
- Spring semester applications should be received by November 1, 2024.
- Spring enrollment deposits are due by December 15, 2024.

## Financial Aid Application Filing Dates for Fall 2025

To be considered for all types of financial aid aside from merit scholarships, U.S Citizens and eligible non-citizens (<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) as soon as it becomes available in December 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, 2025 to be considered for all financial aid resources.

Applicants who are not eligible to complete the FAFSA will be prompted to complete a separate financial aid application to be considered for need-based financial aid at Ithaca College (by the priority deadline of November 1, 2024 for early decision applicants, or by January 15, 2025 for all other applicants).

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 about applying for financial aid, you may contact the Office of Student Financial Services at 1-607-274-3131.

## Articulation Agreements

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.

Please review the Articulation Agreement section under the Transfer Credit page on the Office of the Registrar website (<https://www.ithaca.edu/academics/registrar/registrar-services/transfer-credit/#a208386>) for additional information.

## 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 115 or higher.
- A score of 600 or its equivalent on the evidence-based reading and writing section of the SAT exempts applicants from the testing requirement.

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/>).

## 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 TAP Application (TAP). 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 self-select on the

appropriate section of the transfer common application and submit a program verification form (emailed to them by the admissions transfer counselor), 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 Collegiate Science Technology Entry Program (CSTEP), the Careers in Science, Technology, Engineering and Mathematics (C-STEM) program or the Louis Stokes Alliance for Minority Participation (LSAMP) program. CSTEP & C-STEM provide 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. LSAMP is specifically for those interested in pursuing science, mathematics or technology fields. CSTEP/C-STEM/LSAMP students participate in internships, conduct research, and work with faculty or professional mentors to learn more about their areas of interest. Eligibility for CSTEP/C-STEM/LSAMP depends on a number of factors to include, as examples, New York State residency, US residency, ethnicity, and family income levels.

More information on HEOP, CSTEP, C-STEM and LSAMP programs can be found on the Office of Access, Opportunity & Achievement website (<https://www.ithaca.edu/office-access-opportunity-achievement/>).

## 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 school<sup>1</sup> 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 education<sup>1</sup>; *or*

6. Possession of a previous college degree from a regionally accredited college or university<sup>1</sup> 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.

<sup>1</sup> 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.

## 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 for transfer students
- official high school transcripts
- official college or university transcripts
- letter of recommendation or academic evaluation
- SAT or ACT scores (optional)

Official high school and official college/university transcripts must be sent from each credit or degree granting institution.

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 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. See the Ithaca College visit website (<https://www.ithaca.edu/admission/undergraduate-admission/visit-ithaca-college/>) for additional information.

Contact the Office of Admission at [admission@ithaca.edu](mailto:admission@ithaca.edu) or 1-607-274-3124 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 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. All transfer students will complete a designated ICC Capstone course and its requisite reflective artifact.

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 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 is provided on our website (<https://www.ithaca.edu/admission/>) and is available from the Office of Admission.

## 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. 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 applied to an Ithaca College degree program, although this is not guaranteed. All 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 per credit rates for undergraduate (<https://www.ithaca.edu/tuition-financial-aid/undergraduate-costs-financial-aid/undergraduate-tuition-fees/>) or graduate coursework (<https://www.ithaca.edu/tuition-financial-aid/graduate-costs-financial-aid/graduate-tuition-fees/>) is available from Student Financial Services. 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 on how to register as an extramural student.

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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
ICLC	Ithaca College London Center
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
WGST	Women's, Gender, and Sexuality Studies
WRTG	Writing

## Key to Symbols

F	Fall
S	Spring
U	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
TIIL	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 22400 Accounting for the Real World (NLA)

Describes the theory and procedures used to gather financial information and to present formal financial statements of a business enterprise. Emphasizes decision-making situations and the use of quantitative techniques used in financial and managerial accounting. (Y)  
2 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, review of financial statements, the role of ethics in accounting decisions, and valuation and reporting issues for assets, liabilities, stockholders' equity, revenues, and expenses. Sophomores who have not taken the prerequisites may take the course with permission of the Dean. Prerequisites: One course in Business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT). (F,S,Y) 2 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. (F,S,Y) 2 Credits

**ACCT 22700 Financial and Managerial Accounting for Decision Making (NLA)**

Introduces measurement and reporting concepts underlying the accounting system. Communicating financial information to users external to the organization and the uses of accounting information in managerial decision-making, planning, and control within the firm. Financial topics include information processing, financial statements, the role of ethics in accounting decisions, and valuation and reporting issues. Managerial topics include cost estimation and pricing, budgets, planning, and reports for managerial use, emphasizing use of accounting outputs in the decision-making process. Sophomores who have not taken the prerequisites may take the course with permission of the Dean. Prerequisites: One course in Business (ACCT, BINT, FINA, INTB, MGMT, MKTG, or SMGT). (F,S) 4 Credits

**ACCT 30700 Commercial Law (NLA)**

Introduction to commercial law concepts. Topics include common law contracts and sales contracts under the UCC, business entity selection, formation, operation, and termination, and the rights and obligations of owners and management; determining employee versus independent contractor status, and why it matters; agency law; creditor-debtor law (including secured transactions, mortgages, and bankruptcy); and anti-bribery laws. Emphasis on the application of legal concepts to solve problems. (Y) 4 Credits

**ACCT 31500 Cost Analysis and Decision Making (NLA)**

Improve decision-making skills with a focus on cost-benefit analysis. Read and write case analysis. Emphasis on logical organization and presentation of thoughts. Participate in budgeting, cost analysis, non-routine decisions, process and job costing, and performance measurement. Prerequisites: ACCT 22600 or ACCT 22700. (S) 4 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)**

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 or ACCT 22700. (F,Y) 4 Credits

**ACCT 34600 Intermediate Accounting II (NLA)**

Continuation of Intermediate Accounting I. Includes complex topics related to balance sheet valuation and income measurement as well as both topical coverage and reporting considerations. Examination of detailed pronouncements and 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. (S,Y) 4 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)**

Recognize the issues in the public company auditing environment and introduce the audit process. Verify the need for financial statement audits, the current audit regulatory environment, audit reports, audit evidence, audit planning procedures, inherent risk, internal control, analytical procedures, statistical sampling, tests of controls, and substantive audit tests. Prerequisites: ACCT 34500. (F) 4 Credits

**ACCT 49300 Tax Accounting (NLA)**

Introduction to the present structure of tax law in the United States; basis for income tax computations; concepts of gross income, adjusted gross income, deductions, exemptions, credits, and Form 1040 and various schedules. Emphasis on tax issues and problems relating to individual taxpayers. Prerequisites: ACCT 22500 or ACCT 22700. (F,Y) 4 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: VITA Tax Clinic (NLA)**

Prepare tax returns and work in tax advocacy that mirrors tax practice in accounting firms. Successfully pass the IRS VITA volunteer tax preparer exam following intensive course. Maintain the professional requirements of the established tax practice. Tax returns are computerized and electronically filed. Use collaborative learning strategies to provide tax advocacy and disseminate information to taxpayers who have English as a second language. Prerequisites: ACCT 49300. (S,Y)

Attributes: SL

2-4 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 6 credits 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 6 credits 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: ESE, 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. (Y)

Attributes: 2A, NS, SC, TIII

4 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 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 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 21200 Sex & Politics in Primates (LA)**

Provides a review of the extensive variation in behavior and ecology of nonhuman primates and the evolutionary basis of the differences. Emphasizes adaptive significance of primate reproductive strategies, sociality, life history, and ecology. Explores these topics from several theoretical perspectives, including evolution and natural selection, theories of primate origins, sociobiology, socioecology, parental investment, sexual selection, kin selection, altruism, and theory of mind. (E)

Attributes: AN2, AN4, SC, TIII

4 Credits

**ANTH 21400 Monkeys, Apes, and Human Society (LA)**

Integrates theory and practice from primatology and cultural anthropology to provide insights into how humans and nonhuman primates share both their ecological and social spaces. Examines how humans and nonhuman primates have engaged in a diversity of interactions that range from reverence to conflict now and through history, and how both have played important roles in the lives of the other. Investigates how this integrative approach enables us to better assess human-nonhuman primate relations and their associated conservation and societal impacts. Prerequisites: Two courses in the liberal arts. (O)

Attributes: AN2, AN3, SC, SO, TIII, TWOS

4 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, ENVE, ESSS, SS

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, ESE, 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 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, ESE, SC, SO, TIDE, TPJ, WGS

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 29000 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 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 ENV. (F,O)

Attributes: QL

4 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 liberal arts course at 200-level or higher. (IRR)

Attributes: AN2, AN3

4 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 32100 Primate Conservation (LA)**

Explores the distribution, diversity, abundance, and rarity of strepsirrhines, monkeys, and apes. Investigates how human behavior such as habitat disturbance and hunting impact primate populations. Evaluates 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: Any 200-level LA course or higher and WRTG 10600 or ICSM 10800. (IRR)

Attributes: AN2, WI

4 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 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 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, ENVE, ESSS, G, 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 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 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 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 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 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 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

## Art (ART)

**ART 10100 Theory and Practice: Play and Exploration (LA)**

Exploration of the artist's ability for serious 'play' and focused creative discovery. Through hands-on exercises, individualized projects, research, and written work, beginning art students learn how to develop an individual path of inquiry and discovery. Includes consideration of the artist's socio-historical context in the development of strong studio practice. (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

4 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. (F,S,Y)

Attributes: CA, TIII

4 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. (F,S,Y)

Attributes: CA, TWOS

4 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, CA, FA, MC, TWOS

4 Credits

**ART 12400 Images In Context: Photo-based Multiples and Books (LA)**

A hands-on opportunity to explore how images create new meaning through their context. Using digital and analog processes, students work with sourced photo-based imagery, self-generated photos, and scanning to create books and multiples in which meaning is constructed through arrangement, intervention, and other visual strategies. Emphasis is on development of digital software skills for image manipulation (Adobe Photoshop) and layout and production (Adobe InDesign). (IRR)

4 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)

4 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. (F,S,Y)

Attributes: CA, TQSF

4 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

4 Credits

**ART 15000 Introduction to Sculpture (LA)**

Explores the purpose, meaning, and cultural contexts of contemporary sculpture through hands-on assignments, incorporating traditional and non-traditional techniques and processes. Students produce a portfolio of sculptural works demonstrating personal explorations and expressions. Students participate in group critiques, class discussions, demonstrations, meetings with visiting artists, and field trips to museums or galleries. (F,S,Y)

4 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. (F,S,Y)

Attributes: CA, TIDE

4 Credits



**ART 16000 Introduction to Print Media (LA)**

Introduction to lithography 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)

Attributes: CA, TPJ

4 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

4 Credits

**ART 21000 Intermediate Drawing (LA)**

Students build on observational work begun in introductory drawing classes, while also going beyond the "rules" of representation and approaching composition new ways. Students study the historical and cultural contexts of drawing while developing an intermediate skill set in drawing. Prerequisites: Any ART 11XXX. (F,S,Y)

4 Credits

**ART 21200 Figure Drawing (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. (F,S,Y)

4 Credits

**ART 21900 Intermediate Drawing: Selected Topics (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)

4 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)

4 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,Y)

4 Credits

**ART 22900 Intermediate Graphic Design: Selected Topics (LA)**

Content topics vary in order to engage students in different approaches to graphic design. Students will build on work begun in Graphic Design I, while approaching design in a variety of new ways. Prerequisites: ART 22500. (IRR)

4 Credits

**ART 24000 Intermediate Painting (LA)**

This course explores contemporary approaches to painting. Students build on traditional painting techniques while breaking "rules" of representation. Students study the historical and conceptual contexts of painting while developing an intermediate skill set in painting.

Prerequisites: Any ART 14xxx. (F,S,Y)

4 Credits

**ART 24900 Intermediate Painting: Selected 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)

4 Credits

**ART 25000 Intermediate Sculpture (LA)**

This course explores traditional and non-traditional materials while experimenting with form and space and pursuing visual literacy through personalized content expression. Students study the historical and cultural contexts of sculpture while developing intermediate skill levels.

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

4 Credits

**ART 25900 Intermediate Sculpture: Selected 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)

4 Credits

**ART 26000 Intermediate Print Media (LA)**

This course explores contemporary approaches to multiples that includes the changing relationship between accessibility, authorship and audience, and dissemination. Students practice traditional techniques such as lithography, intaglio, and silkscreen, as well as digital and photographic processes, refining their visual voice and developing individualized content and bodies of work. Prerequisites: Any ART 16XXX. (F,S,Y)

4 Credits

**ART 26200 Intermediate Book Arts (LA)**

This course explores contemporary approaches to multiples that includes the changing relationship between accessibility, authorship and audience, and dissemination. Students practice traditional techniques such as lithography, intaglio, and silkscreen, as well as digital and photographic processes, refining their visual voice and developing individualized content and bodies of work. Prerequisites: Any 3 or 4 credit ART 1xxxx. (IRR)

4 Credits

**ART 26900 Intermediate Print Media: Selected 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)

4 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 3 or 4 credit ART 1xxxx. (F,S,Y)

4 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 30100 Theory and Practice: Contemporary Theories in Art (LA)**

Examines the global art world and contemporary theories of art, such as post-structuralism, feminism, and post-colonialism. Focuses on application of theoretical and critical frameworks to artistic practice and production through readings, presentations, and hands-on activities. Prerequisites: Two 200-level ART courses. (F,Y)  
4 Credits

**ART 31000 Advanced Drawing (LA)**

Students build upon skills developed at the intermediate level in drawing, discovering how contemporary drawing exists in an expanded field. Students further develop their ability to conceptualize the relationship between form and content, and conduct independently guided work. May be repeated twice for a total of 12 credits. Prerequisites: Any ART 21xxx. (F,S,Y)  
4 Credits

**ART 31900 Advanced Drawing: Selected Topics (LA)**

Content topics vary in order to engage students in advanced approaches to contemporary drawing. Students build on work developed in intermediate drawing classes, while establishing a more independent approach to their art production. May be repeated twice for a total of 12 credits. Prerequisites: Any ART 21xxx. (IRR)  
4 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. Prerequisites: ART 22500. (F,S,Y)  
4 Credits

**ART 32700 Graphic Design III (LA)**

Further study of graphic design principles and their application to independent problem solving. Students design and create independent visual communication projects that push the boundaries of graphic design. Students research how graphic design is a personal, social, political, and cultural activity, and investigate production in current visual media. Students build an independent portfolio based on personal goals and sensibilities. May be repeated once for a total of 8 credits. Permission of instructor required. Prerequisites: ART 32500. (IRR)  
4 Credits

**ART 32900 Advanced Graphic Design: Selected Topics (LA)**

Content topics vary in order to engage students in advanced approaches to graphic design. Students will build on work developed in intermediate graphic design classes, while establishing a more advanced approach to their design practice. Course is repeatable up to 8 credits. Prerequisites: ART 32500. (IRR)  
4 Credits

**ART 34000 Advanced Painting (LA)**

This course combines contemporary approaches to painting that may include hybrid approaches such as mixed media, painting on found substrates, working in series, and installation painting. Students learn to push the painting practice further in skill and content by honing individualized strategies, research skills and bodies of work in the contemporary context. May be repeated twice for a total of 12 credits. Prerequisites: Any ART 24xxx. (F,S,Y)  
4 Credits

**ART 34900 Advanced Painting: Selected 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. May be repeated twice for a total of 12 credits. Prerequisites: Any ART 24xxx. (IRR)  
4 Credits

**ART 35000 Advanced Sculpture (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. May be repeated twice for a total of 12 credits. Prerequisites: Any ART 25xxx. (F,S,Y)  
4 Credits

**ART 35900 Advanced Sculpture: Selected 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. May be repeated twice for a total of 12 credits. Prerequisites: Any ART 25xxx. (IRR)  
4 Credits

**ART 36000 Advanced Print Media (LA)**

This course explores, at an advanced level, contemporary approaches to multiples that includes the changing relationship between accessibility, authorship and audience, and dissemination. Students expand on traditional techniques such as lithography, intaglio, and silkscreen by incorporating digital and photographic processes into their work, refining their visual voice and developing individualized content and bodies of work. May be repeated twice for a total of twelve credits. Prerequisites: Any ART 16xxx and ART 26xxx. (F,S,Y)  
4 Credits

**ART 36200 Advanced Book Arts (LA)**

This course explores, at an advanced level, contemporary approaches to multiples that includes the changing relationship between accessibility, authorship and audience, and dissemination. Students expand on traditional techniques such as lithography, intaglio, and silkscreen by incorporating digital and photographic processes into their work, refining their visual voice and developing individualized content and bodies of work. May be repeated once for a total of 8 credits. Prerequisites: Any ART 16xxx and ART 26xxx. (IRR)  
4 Credits

**ART 36900 Advanced Print Media: Selected 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. May be repeated twice for a total of 12 credits. Prerequisites: Any ART 16xxx and ART 26xxx course. (IRR)  
4 Credits

**ART 38000 Digital Studio II (LA)**

We are requesting a change from 3cr. to 4cr. for this course in order to align the actual time spent in the course with the credits earned. Studio art courses are currently scheduled to meet twice a week for 2 hrs. and 40 min, a total of 320 minutes/week. In addition to these lengthy class meetings, students are expected to spend 6 hours on supplemental, outside of class, work each week. Because students and faculty are already exceeding the required minimum time per semester than is required by the Carnegie unit formula for a 4-credit courses, there are no additional changes to the curriculum or student learning outcomes necessitated by this shift. This change reduces the discrepancy between the workload and credit hours for students, creating more transparent expectations. Faculty already receive 4cr. of workload for these courses due to contact hours, so this also resolves the discrepancy in credits between students and faculty. Prerequisites: ART 28000. (IRR)

Attributes: MC

4 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 8 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 40100 Theory and Practice: Professional Practices (LA)**

Exploration of the professional dimension of art making for art majors. Development of studio thesis work, advanced professional study, and careers in art. Topics include development of artist statements, resume writing, developing a studio practice and an artist's website. Class culminates in curation, organization, and installation of an exhibition.

Prerequisites: ART 30100. (F,Y)

4 Credits

**ART 40200 Senior Project (LA)**

Completion of an independent body of work, culminating in an exhibition, written thesis, and public artist's talk. The aim is to develop a rigorous studio-based practice and cultivate creative initiative and professionalism. Senior Project is required of BFA art majors.

Prerequisites: ART 40100. (S,Y)

4 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 49200 Studio Art Projects (LA)**

Directed study in the creation of an independent body of work. Includes research, group critique and artist statements. Prerequisites: Any 300-level ART course. (U,Y)

4 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 8 credits.

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. (Y)

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

4 Credits

**ARTH 11300 Elements of Architecture (LA)**

A primer on the topic of architectural design, history and practice. Acquaints students with the art of making buildings through a variety of topics, among them, space, form, structure, use, and meaning. Architectural theory from a variety of eras and cultures is introduced. Students learn to consider the activities surrounding the creation of architecture, including the interaction of architects, clients, builders, and the environmental forces that act upon buildings. Includes written and graphic assignments. (Y)

Attributes: ARCH, CA, TQSF

4 Credits

**ARTH 11400 Architecture Across Cultures (LA)**

An investigation of world architecture, examining spaces of dwelling, worship, and commerce comparatively across time and place to shed light on the ways in which values and identities are expressed in architectural form. Includes analysis of buildings in their historical relationship to the natural environment and its resources and attention to the contributions of makers who have been marginalized in standard histories. (Y)

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

4 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 societies. Covers the larger culture of visual images, including art, print, film, fashion, photography, and electronic media, and focuses on how images define, shape, and communicate beliefs and behaviors in a variety of contexts. 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. (Y)

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

4 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. (Y)

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

4 Credits

**ARTH 20100 Practicing Art History (LA)**

This course 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, presentations, writing workshops and field trips and/or guest visits.

Prerequisites: One course in art history; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (FY)

Attributes: HU, WI

4 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. (IRR)

Attributes: AN3, CA, TIII, TQSF

4 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. (IRR)

Attributes: CA, TIII, TWOS

4 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. (FY)

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

4 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 stray far from the classical tradition. Concepts such as renaissance, baroque, rococo, and neoclassical are examined, as are relevant political and religious circumstances. Includes study of architectural interactions between western Europe and the Mediterranean and Atlantic worlds. (Y)

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

4 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. (IRR)

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. (IRR)

Attributes: AN1, APOS, ARCH, CA, TIDE

4 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, WGS, WGSC

4 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 25000 Modern Art 1800-1945 (LA)**

Traces the development of modern art from 1800-1945. Situates artists, artworks, and art institutions within the social, political, and economic upheavals that mark this period. Considers how artists grappled with what it meant to make "modern" art. Geographic focus is Europe but with case studies from other parts of the world. (IRR)

Attributes: APOS, CA, TWOS

4 Credits

**ARTH 26000 Art and Architecture of the Americas before 1500 (LA)**

Introduces art and architecture produced by the Indigenous cultures of the Americas prior to contact with European cultures. Organized chronologically within each major region, explores major cultures of these regions, including: Mississippian, Anasazi; Olmec, Teotihuacan, Maya, Aztec; and Chavín, Paracas, Nazca, Moche, Tiwanaku and Inca. Additionally, introduces a range of approaches used in studying art and architectural history. (IRR)

Attributes: AN1, APRE, ARCH, CA, G, LAEL, LXME, NASE, RPPE, TIII, TMBS, TPJ

4 Credits

**ARTH 26500 Modern Latin American Art (LA)**

Explores artistic production in Latin America from the independence period (19th century) through the early 21st century, and identifies competing definitions of what it means to make "art" and be "modern" in "Latin America." Major themes include nationalism and internationalism, race and representation, the art market, and the relationship between art, politics, and social activism. Addresses the following major artistic trends, among others: the academic tradition, Modernismo, the Mexican mural movement, Surrealism, Constructive Universalism, abstraction, conceptualism, and postmodernism. (IRR)

Attributes: AN1, APOS, CA, DV, INBG, LSCI, LXME, RPPE, TIDE, TIII

4 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

4 Credits

**ARTH 27503-27505 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 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. (IRR)

Attributes: APOS, CA, MAP, TIDE

3 Credits

**ARTH 28500 Art since 1945 (LA)**

Surveys the development of contemporary visual art. Explores how various artists, art movements, art practices, and artworks since 1945 have challenged previous notions about art and addressed social, political, and cultural issues. Traces international connections between artists during the post-war period and the rise of the global artworld since 1990. (IRR)

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

4 Credits

**ARTH 28700 Latinx Art in the United States (LA)**

The course 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 will be placed on the following artistic cultures: Chicanx, Puerto Rican, Cuban-American, and New York City's art world. Topics to be considered include: the relative coherence of the category "Latinx Art;" the role of art in the construction of tradition and community; intersections of gender, race, sexuality and class in Latinx identity formation; the borderlands as place and concept; and the place of the arts in contemporary debates over immigration. (IRR)

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

4 Credits

**ARTH 29200 Introduction to Museum Studies (LA)**

Introduces the history of museums and art galleries in an international context, investigates their cultural and societal roles, and addresses the contemporary issues and ethical dilemmas they face. Explores related aspects of the art world and art market. (Y)

Attributes: AN1, AN3, FA

4 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: One ARTH course at the 100-level with ARCH attribute and one ARTH course at the 200-level course with ARCH attribute and ART 11xxx or ART 12xxx or ART 15xxx. (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 imaginary" of world cities (e.g., New York, Paris, Moscow, Istanbul, Kyoto, Lagos, Los Angeles).

Exploration of the components of successful city design through study of architectural ensembles and urban patterns in their political and cultural contexts and analysis of relationships between human experience and architectural form through the lens of literary representation.

Prerequisites: One course in art history at 200-level or above. (O)

Attributes: AN1, ARCH

4 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 35900 Contemporary Architecture (LA)**

A survey of recent architecture and architectural practices from around the globe. Explores ways in which architecture and architects have engaged pressing environmental, social, and technical issues, as manifested in buildings, cities, and landscapes. Considers the specific design techniques used to imagine and create the built environment. Examines projects by and for populations historically underrepresented in the profession and the historical canon. Includes both written and graphic modes of analysis. Prerequisites: One ARTH course at the 200-level or above. (IRR)

Attributes: ARCH

4 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 Selected Topics in Art History (LA)**

Addresses an advanced topic in art history. May be repeated for credit for different selected topics. Prerequisites: One art history course at 200-level or above. (IRR)

Attributes: WGS3

4 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 200-level or above. (IRR)

Attributes: ARCH

4 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 Anti-Institutional Art and Art Institutions (LA)**

Examines how contemporary art practices such as performance art, participatory art, and institutional critique resist established ways of exhibiting and collecting art in museums and galleries. Considers how art institutions have adapted in response. Prerequisites: One 200-level ARTH course. (IRR)

Attributes: HU, SCE

4 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 200-level or above. (IRR)

Attributes: AN1

4 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. (IRR)

4 Credits

**ARTH 48000 Senior Portfolio: Architectural Studies (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: ARTH 30200. (Y)

Attributes: CP

1 Credit

**ARTH 49000 Seminar: 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. (Y)

Attributes: HU, WI

4 Credits

**ARTH 49050 Seminar: Architecture (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. (IRR)

Attributes: HU, WI

4 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, museum, or other art, architecture, or cultural organization under the joint supervision of a site supervisor and an Ithaca College faculty member. Internships are arranged individually at the student's request, subject to the availability of an appropriate slot at a cultural organization. Internships may be carried out locally, at a remote location, or through Ithaca College's New York (ICNYC) or selected study abroad programs. Prerequisites: Three art history courses; permission of department chair and instructor. (F,S,Y)

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 Internship: Architectural Studies (NLA)**

An opportunity for students to gain practical experience in areas related to architectural studies, 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: At least one 300-level ARTH architectural history course (ARCH attribute) or ARTH 30100. (F,S,Y)

1-6 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. Offered only by special permission: see "Requirements for Honors in Art History and Architectural Studies." Prerequisites: WRTG 10600 or ICSM 10800. (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. (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. (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 19100-19200 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 24000 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: BIOL 12100 or BIOL 11900; CHEM 22100. (Y)

Attributes: ENRE, NS

2 Credits

**BIOC 29100 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 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 39100-39200 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: BIOL 12100 or BIOL 11900; CHEM 22100. (Y)

Attributes: ENRE, NS

2 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 49100-49200 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 49700-49800 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 and 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, AN2, NS, SC, TIDE, TIII, WGS, WGSJ

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 11900 or BIOL 12100. Lecture/discussion: Three hours. (F,Y)

Attributes: 2A, AN2, 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, AN2, 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, AN2, 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: AN2, 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,S)

Attributes: 2A, AN2, 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, AN2, 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)

Attributes: AN2, ENRE

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, AN2, NS

4 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 20100 Presenting Biology (LA)**

Prepares students conducting research to create and deliver an oral presentation. To be taken concurrently with BIOL 30200. Prerequisites: BIOL 11900 or 12100; BIOL 12000 or 12200. (F,S,Y)

1 Credit

**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 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 ENV5 21200; students cannot receive credit for this course and ENV5 21200.

Prerequisites: Any 10000-level ENV5 or BIOL course. (IRR)

Attributes: AN2, 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. (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. (F,S,Y)

Attributes: BIEL, ENRE

4 Credits

**BIOL 22800 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 include natural selection, genetic drift, population genetics, quantitative genetics, adaptation, speciation, phylogenetic analysis, and sexual selection. Lecture: Three hours. Discussion: One hour. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200. (F,S,Y)

Attributes: AN2, BIEL

4 Credits

**BIOL 27100 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, ENV5 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 11900 or BIOL 12100; BIOL 12000 or BIOL 12200. (F,E) Attributes: BIEL, ENRE, ESTS  
4 Credits

**BIOL 29000 Research in Biology (LA)**

For students to conduct research with a faculty member, either before or after completing the required BIOL 30200 research course. Course is repeatable up to 12 credits in total. Permission of instructor required. Prerequisites: BIOL 11900, 12000, 12100, or 12200. (F,S) 1-3 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 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,E)

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. (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; One 200-level BIOL course. (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 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

## 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, namely management, finance, accounting, operations, marketing, entrepreneurship, and sustainability. Links the challenges faced by first-year college students with similar demands on management in business settings. (F,Y)

4 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 an 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 or higher, math placement assessment score of 46 or greater, 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. Co-requisite: CHEM 12200. Prerequisites: Math placement in group 3 or higher, math placement assessment score of 46 or higher. (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 higher, math placement assessment score of 46 or higher. 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. Students cannot receive credit for both CHEM 12100 and CHEM 12300. Prerequisites: Math placement in group 1, math placement assessment score of 76-87 and permission of instructor. (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 18100-18200 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: 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. Co-requisite: CHEM 22300. 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. Co-requisite: 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 higher, math placement assessment score of 54 or greater. Co-requisite: CHEM 23300. (F,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. Co-requisite: CHEM 23200. Prerequisites: CHEM 12100 and CHEM 12200; Math placement in Group 2 or higher, math placement assessment score of 54 or greater. (F,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 28100-28200 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. 3 credits. (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). 4 credits. (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; MATH 10800 or MATH 11100; MATH 11200 or MATH 14500 or MATH 21600; PHYS 10100 or PHYS 10200 or PHYS 11700 or PHYS 11800 or PHYS 12200 or PHYS 12300. (S,O)

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 higher, math placement assessment score of 54 or greater. (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.

The course involves a significant writing component with experimental reports that adhere to the publication standards of scientific journals.

Prerequisites: CHEM 23200 and CHEM 23300; CHEM 34200; Math Placement Group of 2 or higher, math placement assessment score of 54 or greater. (S,Y)

2 Credits

**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. May be repeated up to a total of nine credits. Permission of department required. (F,S,Y)

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. Permission of Instructor is required. (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. One meeting per week. Pass/Fail only. Permission of department required.  
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. 3 credits. (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)**

A wide-ranging survey of international cinemas in narrative, documentary, and experimental modes. The course emphasizes the aesthetics, histories, social contexts, institutions, and economics of particular cinematic forms and movements. It focuses on building the skills required for close analytical readings of cinematic form, narrative and argumentative structures, and context as ways to understand how cinema generates meaning. (F)  
Attributes: CA, DV, HM, HU  
4 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, PROD  
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, CA, CCCS, ESTS, MC, PROD  
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 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 21700 Lighting for the Camera Lens (NLA)**

This class will examine both a theoretical and practical approach to lighting for film and television. With an emphasis on single camera narrative, approaches to framing and different lighting situations (day interior, night exterior, etc) within multiple media formats will be discussed, plotted, and ultimately realized in both the studio and on location. Students will not only become adept at handling the varied lighting and grip equipment Ithaca college supplies, but they will also come away with a grounded approach to lighting and cinematography that will serve them well at all levels of film and television production. Prerequisites: CNPH 11100 or TVR 10100 or TVR 11500. (B,IRR)

Attributes: PROD

2 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 22100 4K Workflow: Proxies to Color Grading (NLA)**

In our ever shifting landscape, filmmakers must constantly learn to use and adapt to new technologies and platforms. This two credit course will introduce students to the concepts and approaches to getting the most from high resolution digital media. Whether it's fixing an exposure mistake or applying a "look" to a project, understanding the post production process is now essential for every filmmaker. Working predominately with Davinci Resolve software and hardware, we will explore post-production: order of operations, project management, color theory, the use of video scopes, and the basics of grading footage utilizing the Resolve interface. Becoming comfortable with the proper workflow for 4K footage will prepare up and coming filmmakers for the challenges of the next inevitable technological innovation. Prerequisites: CNPH 22400 or TVR 29900 or TVR 21500. (B,IRR)

Attributes: PROD

2 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 scientists/artists who struggled to understand and perfect it. (S)

Attributes: HU, MAP

4 Credits

**CNPH 24200 Advanced Digital Photography (NLA)**

Rigorous immersion in advanced digital photographic techniques and aesthetic concerns. Further technical mastery of image making, including: digital acquisition; editing techniques; alternative editing programs, and tools such as retouching, color grading, and compositing. Coursework introduces alternative photographic approaches, including seamless manipulation of the image and collage aesthetic. 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, PROD

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)**

This course engages classical and contemporary film theory and takes a detailed, critical look at the major theoretical methodologies employed in the study of fiction film. Through lectures, readings, screenings, and written assignments, we will analyze and apply a variety of critical methods and examine a range of filmic issues. Prerequisites: CNPH 10100; at least two level-2 liberal arts courses, and WRTG 10600 or equivalent. (F)

Attributes: RSEA, SCE, WI

4 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, RSEA, SCE, WI

4 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 30400-30418 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. (IRR)

Attributes: PROD

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 31400 Advanced Cinema Production: Directing (NLA)**

Directing for film requires the mastery of a broad and seemingly incompatible set of skills. A director must think and feel with their intuitive senses while at the same time contending with the complex logistical difficulties of a film shoot. A director must be true to his or her instincts and provide a unifying vision to their work while allowing a diverse crew of artists (actors, cinematographers, and designers) the freedom to excel in their respective crafts. The ultimate objective is to lead everyone involved toward the creation of a film whose elements all work together as a unified whole. The purpose of this course is to examine all aspects of the director's craft through lectures, demonstrations, and hands-on work with actors and camera. Topics covered will include script analysis, casting, rehearsing with actors, staging, shot design, and on-location production. Each student will cast, rehearse, block and shoot two scenes from a published feature-length script. Prerequisites: CNPH 22400 or TVR 21500. (Y)

Attributes: PROD

4 Credits

**CNPH 31500 Advanced Cinema Production: Cinematography (NLA)**

This course is designed to give students practical experience with the technical properties of lenses, filters, lighting, acquisition format, and best practices for media management and project workflow. The course covers a range of the key components of effective cinematography from conceptual intent to aesthetic application through hands on experience. Throughout this course you will have to come to grips with a fairly technical understanding of cinematography. Whether you end up working in film or video, these skills will be useful to you in the future. Emphasis is given to individual application of technical skills and aesthetic abilities of cinematography to develop your "creative eye." The student should leave this class conversant with the some of the advanced tenets of cinematography and with three completed projects on 16mm film and/or HD video. Prerequisites: CNPH 22400 or TVR 21500. (Y)

Attributes: PROD

4 Credits

**CNPH 31600 Advanced Cinema Production: Aesthetics of Sound Editing (NLA)**

This course will prepare students to approach their films with a full understanding of the sound editing process: from dialogue editing, sound effects, and ADR to Foleys and music editing. All the elements of the soundtrack play an important and irreplaceable role in a film. By examining the soundtracks of professional films and by creating a soundtrack to provided images, the students will explore the meaning of sound, its place in the story, and its subliminal influence on the audience in their understanding of a film. Upon completion of this course, students will not only understand the role of sound in film, but also be able to create an aural environment in a professional manner, in professional settings. They will attain solid skills in use of Pro-Tools sound editing software, be able to judge the technical needs of the production sound track, find solutions to problems created during the shoot, program ADR and Foleys, edit dialogue and sound design the abstract environment if appropriate for the film. Prerequisites: CNPH 22400 or TVR 21500 or TVR 10500. (Y)

Attributes: PROD

4 Credits

**CNPH 31700 Advanced Cinema Production: Picture Editing (NLA)**

How does the editing of images and sound reveal the complexity of an experience? Through editing we will learn to manipulate time, space, sound and emotions to create a subjective experience we can share with the viewers. In this course you will work to develop skills in the craft of editing. This is a hands-on course, emphasizing non-linear editing using Premiere Pro CC. In addition to the technical aspects of editing, we will study the art and theory of the craft through screenings of a variety of works. We will explore various conventions and expressions in narrative, documentary and experimental forms. Over the course of the semester, you will begin to define your role as an editor, understand editing as a potential profession, and discover how it enriches your overall process as a storyteller. Prerequisites: CNPH 22400 or TVR 21500. (Y)

Attributes: PROD

4 Credits

**CNPH 31800 Advanced Cinema Production: Developing the Short Film (NLA)**

This course will explore the numerous approaches filmmakers can take when developing an original idea for eventual production. An optional precursor to Thesis Cinema Production allowing students the opportunity to develop an idea, rigorously workshop written drafts, and prep extensively for shooting in a subsequent semester. Starting from a rough concept, students will build fully developed characters, incorporate drama and structure into their screenplays, explore funding mechanisms, and create looks, lighting plots, blocking diagrams, and more. Students will leave the course with a thesis project, narrative or documentary, fully prepped and ready to shoot. Prerequisites: CNPH 22400 or TVR 21500. (F,S)

Attributes: PROD  
4 Credits

**CNPH 31900 Advanced Cinema Production: Independent Film Financing (NLA)**

So, you're ready to make your movie. Now you need to fundraise to make it happen. Where to start? In this course we will cover the array of pathways a filmmaker can take to finance an independent film, whether it's a narrative, documentary or experimental film—of any length. This course will cover various new platforms to source your budget, the current landscapes of buyers, private equity financing, hybrid financing, crowd funding, pre-sales, co-productions, grants and foundation support. Working either individually or in groups, students will learn how to craft compelling, well-written documentary grant proposals, as well as write full pitch package materials for narrative film projects. In addition to in-class workshops, we will review case studies with guest film producers, directors and entertainment attorneys, including Academy Award-winning and Emmy-nominated filmmakers who will share their stories of film financing documentaries, feature films, and other moving-image media projects. Prerequisites: CNPH 22400 or TVR 21500. (Y)

Attributes: PROD  
4 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)

Attributes: PROD  
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)

Attributes: PROD  
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,S)

Attributes: PROD  
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)

Attributes: PROD  
4 Credits

**CNPH 32500 Advanced Cinema Production: Sound Art (NLA)**

This advanced level course will introduce students to creative methodologies used in both historical and contemporary Sound Art practice, exploring the potential of sonic art and its relevance in contemporary media art. Lectures, listening sessions, screenings and readings will help contextualize the technical practices under review as well as theoretical and critical issues surrounding sound as an emerging media art form. Prerequisite: CNPH 22400, TVR 21500, or TVR 10500. (Y)

Attributes: PROD  
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: MASS 13400 or JOUR 11100 and CNPH 32100 or CNPH 32200, CNPH 32300, CNPH 32400, CNPH 32500, or CNPH 33001-33099. (F,S) Attributes: PROD 4 Credits

**CNPH 44300 Photo Workshop (NLA)**

Prepares students for graduate study and 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. Prerequisites: CNPH 14100; CNPH 24200 or 1 course from CNPH 30400-30499. (F-S) Attributes: PROD, 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) Attributes: PROD 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 12 credits, 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, LMSF, LSCO, 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 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 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 8 credits. Pass/fail only. Permission of instructor. (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 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: 9 credits in communication studies; junior standing; approval of the communication studies faculty.

Attributes: HU, SS

1-4 Credits

**CMST 42902-42910 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 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 6 credits 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 12 credits.

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 3 credits 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 6 credits. 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. Prerequisites: COMP 17100 (with a C or better). (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. 3 credits. (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: AN2, CCCS, ESTS, NS, WI

3 Credits

**COMP 17000-17001 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 6 credits. Prerequisites: Permission of the computer science faculty. 1-3 credits. (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)**

This course reinforces and strengthens the foundational concepts learned in Computer Science I and provides additional experience with problem solving and algorithmic thinking independent of the programming language used. It provides the requisite skills needed by majors and minors to successfully progress in Computer Science. The course is a combination of lectures, in-class exercises, and labs, with a strong hands-on approach. Prerequisite: COMP 17100 with a grade of C or better. (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. 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. Prerequisite: COMP 17100 with a grade of C or better. (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 with a grade of C or better. (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 with a grade of C or better. (S,Y)

Attributes: NS

4 Credits

**COMP 21000 Computer Systems I (LA)**

Explores the fundamental concepts of computer systems including processes, memory management, concurrency, systems programming, information representation, and low-level program execution.

Prerequisites: COMP 17200 with a grade of C or better and COMP 11500 with a grade of C or better. (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 with a grade of C or better. (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 with a grade of C or better. (F,E)

4 Credits

**COMP 31000 Computer Systems II (LA)**

In-depth investigation of the major concepts, algorithms, and implementation principles of computer systems. Both theoretical and practical aspects of 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; network protocols, and distributed system structures. Prerequisites: COMP 21000 with a grade of C or better. (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 with a grade of C or better. (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 22000 with a grade of C or better. (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 with a grade of C or better and COMP 20500 or COMP 20700 or COMP 22000 with a grade of C or better. (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 with a grade of C or better. (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 with a grade of C or better. (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 with a grade of C or better. (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 21000 with a grade of C or better and COMP 31100 with a grade of C or better. (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 all with a grade of C or better. (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.

TVR 38500 and COMP 38500 are cross listed courses; students cannot receive credit for both COMP 38500 and TVR 38500. Open only to Emerging Media majors. Prerequisites: COMP 20200; Junior Standing. (S,Y)

Attributes: PROD

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 both with a grade of C or better. (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 with a grade of C or better. (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 300-level COMP or MATH course all with a grade of C or better. (S,O)

4 Credits

**COMP 45600 Machine Learning (LA)**

Explores supervised learning (including linear/logistic regression, decision trees, and neural networks) and unsupervised learning (including clustering, anomaly detection). Covers both theoretical concepts and practical applications of machine learning, and provides opportunities to implement and experiment with these algorithms on real-world data sets.

Prerequisites: COMP 22000 with a grade of C or better and one 300-level COMP or MATH with a grade of C or better. (IRR)

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 both with a grade of C or better. (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 6 credits. Prerequisites: Junior standing and permission of the computer science faculty. 1-3 credits. (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. TVR 48500 and COMP 48500 are cross listed courses; 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)

Attributes: PROD

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 4 credits 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. 1-12 credits. (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. (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. (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: AN3, CNSL, DV

4 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, LAEL, LAGC

4 Credits

**CSCR 10900 Introduction to Native American and 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, TIDE, TPJ

4 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: AASE, AN3, CNSL, DV, HM, RPRE, SO, TIDE, TPJ

4 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, LMSP, LSCO, RPRE, SO, TIDE, TPJ

4 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 20700 Hip Hop Feminism: That's a Bad B@tch (LA)**

Explores the development and growing perspective of Hip Hop Feminism. 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; the political economy of racialized representations; and the legacy and agency of cultural expressions. Uses an intersectional consciousness to explore patriarchy, sexism, and racism through works by early womanist, hip hop feminists and contemporary scholars, artists, performers, and writers. (IRR)

Attributes: AACH, AASE, ADCH, ADSE, LSCH, LXME, NACH, NASE, WGS, WGSJ

4 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, LMEL, LSCH, LSCO, LXME, MAP, RPPE, SCE

4 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, RPPE, SO, TIDE, TPJ

4 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 22200 Japanese Americans and Mass Incarceration (LA)**

This course offers students an in-depth study of Japanese American World War II incarceration. We will explore Japanese American incarceration comparatively with other forms of containment (settler colonialism, prisons, immigrant detention centers, etc.) to understand how the U.S. functions as a carceral state. (O)

Attributes: AACI, AASE, ADCI, ADSE, DV, NACI, NASE, SO, TIDE, TPJ

4 Credits

**CSCR 22400 Race, Place, and Power (LA)**

Explores how relationships to place and environment shape and are shaped by race, power, and resistance with a focus on sites of U.S. occupation in the Pacific, such as Hawai'i, Guam, Okinawa, and the Philippines. Investigates the relationship between tourism, militarization, and colonization, with a special focus on ways that contemporary scholars, artists, and writers seek to decolonize the Pacific Islands and assert Indigenous sovereignty over the Pacific's lands, cultures, and futures. (F,IRR)

Attributes: AAPP, AASE, LXME, NAPP, NASE, RPPE

4 Credits

**CSCR 22600 Introduction to Black Church Studies (LA)**

Introduces the historical development of the Black Church in America, African American religious thought, and its contribution to the religious progress of Black Americans. Takes a multidisciplinary and interdisciplinary approach to understand how Black Christians wrestle with what it means to be Black and Christian in America. Uses historical, theological, ethical, rhetorical, and sociological foundations of that experience from an academic perspective. (F,IRR)

Attributes: RPPE, RSEA

4 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)

Attributes: ADCI, ADSE, RPPE, WGS, WGSJ

4 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. (Y)

Attributes: DV, LAEL, LAGC, LMEL, LSCO, LSPP, LXME, NAPP, NASE, RPPE

4 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, AACH, AASE, ADCH, ADSE, DV, H, LSCH, LXME, NACH, NASE, 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, ADPL, ADSE, AN3, DV, LSPL, LXME, NAPL, NASE, 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, ADPP, ADSE, LSPP, LXME, NAPP, NASE  
 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, RPPE  
 4 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, NAPP, 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, NAPL, RPPE  
 4 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, RPPE  
 4 Credits

**CSCR 42000 Scholarship of and by Women of Color (LA)**

Seminar style class that explores the scholarship of and by women of color, with an emphasis on the concept of "intersectionality" and theories and frameworks introduced by women of color. We discuss questions related to the intersection of race, ethnicity, class, gender, sexuality, capitalism, and citizenship. SOCI 42000 and CSCR 42000 are cross listed, and students may not earn credit for both. Prerequisites: Any three SOCI or CSCR courses. (F,Y)

Attributes: AACI, AASE, ADCI, ADSE, DV, LSCI, LXME, NACI, NASE, SO2, SS, WGS, WGS3, WGS1  
4 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. (IRR)

Attributes: ADPL, ADSE, RPPE  
4 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. Students integrate studies in the major and their ICC coursework through a research presentation focused on the relational dimensions of racial/ethnic oppression and resistance and how accumulated knowledge will be applied in their chosen occupations. Prerequisites: CSCR 32400; CSCR 21500, CSCR 23400, CSCR 37400, or CSCR 38000. (IRR)

Attributes: AACI, AASE, ADCI, ADSE, CP, LSCI, LXME, NACI, NASE, RPPE  
1 Credit

**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. (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. (IRR)

Attributes: CA, TIDE  
3 Credits

**DNCE 10300 Functional Awareness for Dance (LA)**

Functional Awareness for Dance is an introduction to human anatomy with an emphasis on the musculoskeletal system and principles of movement. It is designed to provide basic knowledge of the function of the human body as a means to facilitate the art of dancing. (F)

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 13900 Rehearsal and Performance for Dance (NLA)**

Laboratory participation in rehearsal and performance of a dance production. Students receive credit for assignments in dance performance. The student is evaluated by the faculty member in charge of the designated dance work. Evaluation is based on degree of professional attitude during the rehearsal process and quality of performance. (IRR)

0-2 Credits

**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 30300 Dance for the Camera (LA)**

The course is designed to introduce digital video technology in dance through the acquisition of technical and creative skills required to choreograph, compose, edit, and disseminate Dance for Camera works. Permission by instructor is required. (F)

1.5 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

**DNCE 40100 Partnering in Dance (NLA)**

This course is an advanced dance technique class that works to develop proficiency in partnering through the study of partnering fundamentals. Students will learn and perform choreographies working collaboratively with partners integrating these techniques. Prerequisites: One 300-level DNCE. (F)

1.5 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,Y)

Attributes: 1, SS

4 Credits

**ECON 12000 Principles of Economics (LA)**

Introduction to the foundational theories and applications in macroeconomics and microeconomics. Macroeconomic topics include economic indicators, business cycles, national income accounting, the determinants of national income, employment and inflation, the monetary system, central banks, and fiscal policy. Microeconomic topics include supply and demand, comparative advantage, consumer choice, the theory of the firm under competition and monopolies, economic inequality, and market failure. (F,S,Y)

Attributes: QL, SS

4 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 12000. (F,Y)

Attributes: SS

4 Credits



**ECON 20200 Macro Analysis (LA)**

Intermediate macroeconomics course on theory, policy, and data related to unemployment, inflation, exchange rates, global trade balances and inclusive economic growth; will cover country and regional cases from many regional areas in the global economy. Prerequisites: ECON 12000. (S,Y)

Attributes: SS

4 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. Students cannot receive credit for both ECON 20400 and HLTH 20400.

Prerequisites: ECON 12000. (IRR)

Attributes: LMEL, LSCO

4 Credits

**ECON 22100 Money and Banking (LA)**

Investigates banking and finance through a macroeconomics lens.

Covers: history of money, comparative histories of debt and usury, commercial bank systems, management and regulation; shadow banking; central bank policies; connections between financialization and wealth distribution; banking discrimination; and financial crisis. Prerequisites: ECON 12000. (IRR)

Attributes: SS

4 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. Includes case studies from the U.S. and other high income countries, as well as developing countries. Prerequisites: ECON 12000. (IRR)

Attributes: SS

4 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

4 Credits

**ECON 26000 Capitalism: Recessions and Revivals (LA)**

Explores the nature and causes of recessions and revivals in the U.S. economy. Focuses on capitalism as an engine or impediment to economic progress. The theory and history of business cycles are reviewed before students explore the nature and causes of specific episodes of recession and revival in the U.S. Prerequisites: ECON 12000. (IRR)

Attributes: SS

4 Credits

**ECON 27000 Women and Economics (LA)**

Introduction to economic issues related to women's roles in household, domestic, and global economies through both a microeconomic and macroeconomic lens. Topics include education, labor force participation, sex segregation in the labor market, wage differentials, discrimination, family formation and household production. Prerequisites: ECON 12000. (IRR)

Attributes: AN3, LMEL, LSCO, SS, WGS

4 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 economic analysis of climate change. Topics include the relationship between economic activity and climate change, economic analysis of climate change mitigation and adaptation strategies, and economic analysis of environmental policy in both the United States and the international community. ENVS 28100 and ECON 28100 are cross-listed courses. Prerequisites: ECON 12000. (IRR)

Attributes: AN2, AN3, LMEL, LSCO, SS

4 Credits

Attributes: AN2, AN3, LMEL, LSCO, SS

4 Credits

Attributes: AN2, AN3, LMEL, LSCO, SS

4 Credits

**ECON 28800-28807 Selected Topics: Economics (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. May be repeated for credit when topics change. Prerequisites: ECON 12000. (IRR)

Attributes: SS

1-4 Credits

1-4 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)**

Provides an overview of topics related to labor economics through both a microeconomic and macroeconomic lens. Topics include the supply of and demand for labor, the structure of wages, employment determination, elasticity, human capital, unions and collective bargaining, inequality, discrimination and government programs. Prerequisites: Any 200-level ECON course. (IRR)

Attributes: SS

4 Credits

**ECON 31200 Economic Development (LA)**

Examination of economic changes in developing countries from both a macroeconomic and microeconomic perspective. This includes evaluating the goals of development, applying various theoretical models of development, and exploring empirical data testing such models. In the process several policy options and specific country contexts will be highlighted. Prerequisites: Any 200-level ECON course. (IRR)

Attributes: ENSS, ENVE, ESSS, INBG, SS

4 Credits

**ECON 32500 Public Finance (LA)**

This course centers around the role of government in the economy. In particular, we will study how government taxation and expenditure policies affect the economy and the welfare of its citizens. Topics include resource allocation, budgeting, income distribution, social safety nets, and other current policy debates. Prerequisites: Any 200-level ECON course. (IRR)

Attributes: SS  
4 Credits

**ECON 33300 Econometrics (LA)**

Statistical methods, simple and multiple regression analysis. Detection and remedy of multicollinearity, heteroskedasticity, and autocorrelation. Alternate functional forms and dichotomous variables. Exposure to econometric software. Prerequisites: ECON 12000 and MATH 14400 or MATH 14500, MATH 21600, MATH 31600. (F,Y)

Attributes: SS  
4 Credits

**ECON 33400 Advanced Econometrics (LA)**

Advanced topics in econometrics include tests of linear restrictions, dummy variables, distributed lags, time-series techniques, panel data techniques, simultaneous-equation models, and non-linear models. Derivation of formulas and proofs of statistical concepts. Develop advanced proficiency with econometric software. Prerequisites:

ECON 33300. (IRR)  
Attributes: SS  
4 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 200-level ECON course. (F,Y)

Attributes: AN3, DV, INBG, LAEL, LAGC  
4 Credits

**ECON 37200 Big Business, Profit, and Community Well-Being (LA)**

Extends and refines the economic theory of the firm with a focus on oligopolies and monopolies. Drawing on empirical evidence, it examines theories concerning the motives of very large firms, barriers to entry, interdependence among firms, product differentiation, advertising, and profit. Examines the distribution of business activity benefits in the community among consumers, labor, management, and stockholders. Prerequisites: Any 200-level ECON course. (IRR)

4 Credits

**ECON 38500 International Economics (LA)**

Study of international trade patterns, gains and losses from trade, and international investment, both private and government. Issues discussed include pros and cons of free trade, tariffs, bi-lateral, regional, and multi-lateral trade agreements, the World Trade Organization, and the role of trade in tackling global inequality and climate change. Prerequisites: WRTG 10600 or ICSM 10800 or ICSM 11800 and any 200-level ECON course. (IRR)

Attributes: GERM, LAEL, LAGC, WI  
4 Credits

**ECON 39200 Senior Economics Thesis Prep (NLA)**

Prepares 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. (S,Y)

1 Credit

**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. Students will also reflect on the experience of a liberal arts education through exploration of the students' courses in and outside of the major, including ICC courses; includes discussion of professional opportunities for Economics majors. Prerequisites: ECON 20100, ECON 20200, ECON 33300, and ECON 39200. (F,Y)

Attributes: CP  
4 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 10000 Education and Society (LA)**

Introduction to educational issues and the interaction between schools and society in the United States. Explores the history and philosophy of U.S. education as well as research and opinion concerning contemporary educational policy and practice. Students use course materials as a lens for reflecting on their own school experience and and developing informed policy suggestions regarding education in the United States. (F,S)

4 Credits

**EDUC 10200 Inquiry's Role in Language and Literacy Development (LA)**

Explores the role of learners' inquiry as foundational to language and literacy development, early childhood through adolescence, from an equity-oriented, strengths-based perspective. Includes attention to learners' inquiry as a stance and as a culturally situated practice, to language and literacy within families, schools, and communities, and to the roles of inquiry in writing and in responses to children's and adolescent literature. (IRR)

Attributes: ESE

4 Credits

**EDUC 10300 Introduction to Inquiry in Education (LA)**

Introduces students to education research, examining how and why research is conducted, types of questions posed, and varied methodological approaches to research. Importantly, students learn how to critically analyze and evaluate educational research, as well as how such research can be used to further educational policies and practices. (IRR)

4 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. (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 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)

Attributes: CSD

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 or EDUC 21010. (F,S,Y)

4 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, SQ, 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 23000 Literacy as a Community Movement (LA)**

Introduction to the topic of literacy in education and a critical examination of common conceptualizations of how children learn how to read. Examines ongoing discrepancies in reading outcomes for children from different demographic groups, especially children of color. Provides opportunities to engage with the idea of community movement as a vehicle for educational change. Prerequisites: At least one 3-4 credit EDUC course. (IRR)

4 Credits

**EDUC 23900 Foundations of Special Education and Inclusivity (LA)**

Introduces future educators to populations of children encountered in diverse classrooms and examines topics related to inclusion. Considers the access and functional needs of various populations, including students with diagnosed disabilities. Reviews federal mandates, legal issues, ethical and equity issues, family issues, school personnel collaboration, and education methodologies. This course requires 15 hours of fieldwork. Intended for education students in the School of Humanities and Sciences and the School of Music. (F,S,Y)

Attributes: TE, UND

3 Credits

**EDUC 29000-29001 Selected Topics in Education (LA)**

Investigation of selected topics in the field of education as determined by specialized faculty research, teaching interests, and trends. (IRR)

Attributes: UND

1-4 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 6 credits. Prerequisites: Sophomore standing and permission of instructor. (F-S)

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 34900 Comparative and International Education (LA)**

Explores educational goals, policies, and practices around the world through a comparative and international education lens, allowing students to situate the U.S. educational system within a global context. Focuses on topics such as variations and patterns among school systems, policies, reforms, assessment initiatives, and issues related to equity. Prerequisites: EDUC 10000. (IRR)

4 Credits

**EDUC 35000 Black Feminist Alchemy: Theory into Practice (LA)**

Explores the experiences of Black girls in U.S. schools as they are affected by social constructions and positionalities related to the intersection of race and gender. Through this particular lens, the course explores broader institutional and individual patterns of gendered racism in schools. Prerequisites: EDUC 10000. (IRR)

4 Credits

**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: EDUC 10000. (IRR)

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 43000 Capstone Seminar in Education Studies (LA)**

Serves as the culminating experience for Education Studies majors; draws on the skills and concepts built through previous coursework in the major and ICC curriculum to synthesize various theories, knowledges, practices, and methods in education studies. (S,Y)

Attributes: CP

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 or TVR 12400. (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: EMED 12000 or TVR 12400. (Y)

Attributes: QL

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: DV, SCE, WI

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. (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, DLIT, 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, HM, HU, TIDE  
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 and development of skills in literary analysis and writing. (F,S,Y)

Attributes: CA, HM, TIDE, TIII  
4 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 and development of skills in literary analysis and writing. Recommended for beginning English majors. (F,S,Y)

Attributes: CA, HM, TIDE, TIII  
4 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. Emphasis placed on class participation and development of skills in literary analysis and writing. (Y)

Attributes: DV, ESE, HM, TIDE, TPJ, WGS, WGSC  
4 Credits

**ENGL 18300 Engendering Modernity (LA)**

Introductory study of representations of gender and gendered identity in modern and contemporary novels and poetry, with an emphasis placed on class participation and development of skills in literary analysis and writing. (Y)

Attributes: DV, HM, TIDE, WGS  
4 Credits

**ENGL 18400 Faking It: Reality Hunger in the Age of Fake News and Artificial Intelligence (LA)**

Introductory study of "truth" and "falsehood" in fiction and poetry of the 20th and 21st centuries, and of the challenges associated with articulating an "authentic" identity in the era of the deep fake. Attention devoted specifically to the ways in which forgery illustrates aspects of the relationship between aesthetics and ethics. Emphasis on class participation and development of skills in literary analysis and writing. (Y)

Attributes: HM, TWOS  
4 Credits

**ENGL 18500 Earth Works: Literature and the Environment (LA)**

Study of essays, stories, novels, and poems from the last 100 years engaging with the representations of nature and the environment. Course focuses on the cultural, historical, and political constructions of nature, and how these impact environmental thinking and behavior. Emphasis placed on class participation and development of skills in literary analysis and writing. (IRR)

Attributes: HM, TMBS, TQSF  
4 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. Additional emphasis on the development of skills in literary analysis and analytical writing. (Y)

Attributes: HM, TIDE, TMBS, WGS, WGSC  
4 Credits

**ENGL 19409 Mysterious Muddles and Commonplace Crime: Gothic Novels and Detective Fiction (LA)**

Focuses on the parallel between reading fiction and detecting the "truth" by seeing how Gothic and detective novels gradually reveal plot and character through clues, hints, and symbols. Exploration of how the interpretation of those clues can be affected by the reader's own perspective, emotions, and biases. Emphasis placed on class participation and development of skills in literary analysis and writing. (IRR)

Attributes: HM, TIII  
4 Credits

**ENGL 19412 Banned Books and Censorship Trials: Obscenity in the 20th Century (LA)**

Study of twentieth-century understandings of the role literature plays in perceptions of obscenity and the ways in which literary culture shaped and was shaped by popular, philosophical, and legal notions of "the obscene." Readings include Wilde's *The Picture of Dorian Gray*, Nabokov's *Lolita*, and Lawrence's *Lady Chatterly's Lover*. (IRR)

Attributes: HM, TIDE, TIII  
4 Credits

**ENGL 19413 Vampire Literature (LA)**

Introductory survey of the cultural figure of the vampire in novels, short stories, and visual media. Examines material that dates from the middle ages to the present day in order to investigate the cultural persistence of vampires and their role as catalysts for developments in thinking about religion, sexuality, and individual identity. Emphasis placed on class participation and development of skills in literary analysis and writing. (IRR)

Attributes: HM, TIDE, TMBS, WGS, WGSC  
4 Credits

**ENGL 19414 Introduction to Asian American Literature (LA)**

Introductory survey of Asian American literature. Examines a broad range of Asian American literary works with particular attention to issues of immigration, generational conflict, and identity formation. Includes works by such authors as Victoria Chang, Celeste Ng, and Nina Revoyr. Additional emphasis on the development of skills in literary analysis and analytical writing. (IRR)

Attributes: AASE, DV, HM, RPRE, TIDE  
4 Credits

**ENGL 19418 What is the Contemporary? A Study of Genre (LA)**

Introductory study of global literary genres from 1970 to the present. Additional emphasis on the development of skills in literary analysis and analytical writing. (F,S,Y)  
 Attributes: HM, TIDE, TIII  
 4 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 non-majors on a space-available basis. Prerequisites: One course in English and WRTG 10600, ICSM 10800, or ICSM 11800. (S,Y)  
 4 Credits

**ENGL 21000 The Literature of Horror (LA)**

Survey of horror literature and related media from the genre's 17th-century origins through to the present day. Prerequisites: One LA course. (F,O,S)  
 Attributes: E20A  
 4 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)**

Study of novels, stories, and films from the last 120 years engaging with the subjects of science and technology and their impacts on human culture in general. Course highlights the political and ideological aspects of the literature, and their connection to recurring themes in modern society. Prerequisites: One LA course. (IRR)  
 Attributes: 3A, E20A, HU  
 4 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 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: WRTG 10600, ICSM 10800, or ICSM 11800. (F,S,Y)  
 Attributes: 3A, DLIT, E20A, HU, WI  
 3 Credits

**ENGL 21900 Shakespeare (LA)**

Study of a variety of Shakespeare's 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. Also offered through the London Center. Prerequisites: One LA course. (F,S,Y)  
 Attributes: CSA, DLIT, EP19, HM, TIDE, TIII  
 4 Credits

**ENGL 22000 Black Women Writers (LA)**

Survey of the works of black women writers from the eighteenth century to the present. Prerequisites: One LA course. (F,S,Y)  
 Attributes: ADCH, ADSE, DV, E20A, ERGC, ESE, RPRE, WGSJ  
 4 Credits

**ENGL 22100 Survey of African American Literature (LA)**

A study of African American literature from 1700 to the present. Prerequisites: One LA course. (F,S,Y)  
 Attributes: ADCH, ADSE, DV, E20A, EP19, ERGC, ESE, RPRE, WGS, WGSJ  
 4 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: CSA, EP19, HU  
 3 Credits

**ENGL 23200 Medieval Literature (LA)**

Survey of literature written between c. 800 and c. 1500 CE, primarily in the British Isles. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (F,S,Y)  
 Attributes: CSA, EP19, WI  
 4 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  
 4 Credits

**ENGL 26100 Holocaust Literature and Film: From Auschwitz to the Americas (LA)**

Taught in English, this course examines holocaust representation in literature and film, and the Jewish diaspora in Latin America. Class preparation and discussion will explore the power of narration to express the human capacity for resistance and resilience. This course does not satisfy language proficiency requirements in majors. Prerequisites: One course in the Liberal Arts. (IRR)  
 Attributes: CTE, HM, JWST, LAEL, TIDE, WGS  
 4 Credits

**ENGL 26601 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

4 Credits

**ENGL 27100 Renaissance Literature (LA)**

Major trends in English literature from the early 16th century through Milton and their continental backgrounds in Renaissance Italy, France, and Spain. Emphasis on Elizabethan and Jacobean drama. Prerequisites: WRTG 106000 or ICSM 10800. (F,S,Y)

Attributes: CSA, EP19, WI

4 Credits

**ENGL 27200 The Enlightenment (1660-1770) (LA)**

A survey of primarily British and Anglophone literary works from the late seventeenth to the early nineteenth century. Prerequisites: One LA course. (F,S,Y)

Attributes: EP19

4 Credits

**ENGL 27800 Jane Austen and Her Contemporaries (LA)**

Study of Austen's novels, letters, and other writings, alongside those of other contemporary poets and novelists. Particular focus on literary representations of women's lives, and women's attitudes toward the transatlantic slave trade. Prerequisites: One LA course. (Y)

Attributes: ERGC, WGS, WGSC

4 Credits

**ENGL 27900 Introduction to Latino/a/x Literature (LA)**

Examines canonical literary texts produced by and about Latino groups in the United States. Class discussion and preparation will explore the historically changing ways in which, from the 19th century onward, various Latino communities have imagined their identities both within and across the national borders of the United States and Latin America. Taught in English. This course does not count towards language proficiency requirements in majors. Prerequisites: One course in the liberal arts. (IRR)

Attributes: LAEL, LXME

4 Credits

**ENGL 28100 Romantic-Victorian Literature (LA)**

British writing from the late eighteenth to the early twentieth century, chiefly Romantic poetry and the Victorian novel. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (F,S,Y)

Attributes: EP19, GERM, WI

4 Credits

**ENGL 28500 Queer Literature (LA)**

Survey of key works of lesbian, gay, bisexual, transgender, and queer literature, as well as of key debates in queer literary studies.

Prerequisites: One three to four credit Liberal Arts course. (S)

Attributes: DV, E20A, ERGC, ESE, WGS, WGSJ

4 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. 1-3 credits. (IRR)

Attributes: HU

1-3 Credits

**ENGL 31100 Dramatic Literature I (LA)**

Studies in dramatic literature prior to 1900. Prerequisites: Three LA courses in ENGL or THEA; WRTG 10600 or ICSM 10800 or ICSM 11800. (F,Y)

Attributes: CSA, DLIT, EP19, WI

4 Credits

**ENGL 31200 Dramatic Literature II (LA)**

Studies in modern drama. Prerequisites: Three LA courses in ENGL or THEA; WRTG 10600 or ICSM 10800 or ICSM 11800. (S,Y)

Attributes: DLIT, E20A, WGS, WGSJ, WI

4 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)**

Major works of American literature from the 18th and 19th centuries.

Prerequisites: 3 courses in ENGL; WRTG 10600, ICSM 10800, or ICSM 11800. (F or S,Y)

Attributes: EP19, WI

4 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: EP19, 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: EP19, 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: EP19, 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 6 credits. Prerequisites: Three three-credit Liberal Arts courses. (Y)

Attributes: ESE, 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: EP19, 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 eight credits.

Prerequisites: Three English courses. (F,S,Y)  
Attributes: RPPE  
4 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: DLIT, ERGC, 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, ERGC, HU, LXME, NASE, RPPE, 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, ERGC, HU, RPPE  
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 English drama after Shakespeare and the London background of the Jacobean and early Caroline periods. Readings from Carey, Fletcher, Ford, Jonson, Marlowe, Middleton, and Webster. Also offered through the London Center. Prerequisites: ENGL 21900 or ENGL 27100. (F,Q,S)

Attributes: CSA, DLIT

4 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)**

Offers an introduction to the twentieth-century British novel. Charts the massive social and intellectual dislocations of the twentieth century and examines the ways in which the social, political, and cultural events of British history have shaped the production and reception of modern and contemporary British novels. Prerequisites:

Three ENGL courses. (F,S,Y)

Attributes: E20A

4 Credits

**ENGL 38000-38003 Studies in World Literature (LA)**

Studies in world literature, with a focus on cultures outside of the Anglo-American traditions. This course may be repeated once for credit when topics vary for a total of eight credits. Prerequisites: Three ENGL courses. (F,S,Y)

Attributes: E20A, ERGC

4 Credits

**ENGL 38200-38203 Studies in Modern Literature (LA)**

Studies in 20th-century Anglophone and related literatures. Concentration may be on a theme, a genre, a particular author or group of authors, etc.

Prerequisites: Three ENGL courses. (IRR)

Attributes: E20A

4 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: ESE, HU

3 Credits

**ENGL 38800 Feminist Fiction and Poetry (LA)**

Novels, short stories, and poems associated with second-wave feminist thinking. Prerequisites: 3 ENGL courses. (S)

Attributes: WGSJ

4 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 39200 Latino/a/x Literatures: Narratives of Displacement and Belonging (LA)**

This course delves deeply into questions of travel, migration, exile, displacement and belonging in Latino/a/x literature and features expressions of the intersectionalities of Latino/a/x identities in the United States. The texts chosen for this class will grapple with these overarching themes, while traversing the interstices of Latino/a/x identities that confront such issues as racism, colorism, sexuality, and gender. Taught in English. This course does not count towards language proficiency requirements in majors. Prerequisites: Three courses in the liberal arts. (IRR)

Attributes: CTE, DV, LAEL, LSCH, LXME, RPRE, WGS3, WGSJ

4 Credits

**ENGL 39400 Sport in Film and Literature (LA)**

Investigation of the sociocultural and mythic dimensions of contemporary sport as represented in selected films and fiction.

Prerequisites: SPME 29700. (S,Y)

Attributes: MAP

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)**

Seminar examining advanced topics in literatures written between 500 and 1500 CE, chiefly in Britain. Open to upper-level English majors and to other upper-level students with permission of instructor. Prerequisites: 4 courses in ENGL. (F,S,Y)

Attributes: EP19

4 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: DLIT, EP19, 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: EP19, 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. This course may be repeated twice for credit when topics vary for a total of twelve credits. Prerequisites: Three 3-4 credit English courses, at least two of which are at 200-level or above. (F,S,Y)

Attributes: E20A

4 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: E20A, 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: E20A, 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 48300 Seminar in Feminist Science Fiction (LA)**

Seminar examining a wide variety of science fiction texts—including novels, films, television programs, comics, and graphic novels—through the lens of feminist theory. Prerequisites: ENGL 21400 or ENGL 21500. (IRR)

Attributes: E20A, ERGC, WGS, WGS3, WGSC, WGS1

4 Credits

**ENGL 48500 Seminar in World Literature (LA)**

Selected topics in literatures originating outside the Anglo-American literary tradition. Prerequisites: 3 three-four credit ENGL courses. (U,IRR)

4 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. Permission of instructor is required. (F,Y)

4 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)

4 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 four credits may be used to fulfill requirements for the English major or minor. Prerequisites: Four ENGL courses. (IRR)

4 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, AN2, LMEL, LMSP, LSCO, SC, SO, TPJ, 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 6 credits. Prerequisites: Sophomore standing and permission of instructor. (F-S)

Attributes: ENRE, UND

1-3 Credits

**ENVS 20200 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: AN2, 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: AN2, ENIN, ENSS, ENVE, ESSS, LAEL, NS, SC, SQ, 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: ENIN, 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, ENIN, ENRE, ENVE  
 4 Credits

**ENVS 21700 Mammals of the Northeast: Track, Sign, Behavior, and Habitat (LA)**

An in-depth field-based exploration of the natural history of our wild furry neighbors. We will learn to use modern and ancient tools and techniques to find clues and follow the trails of common mammals of the area allowing us to “read” the story of their lives. Along the way we will enrich our understanding by studying details of mammalian ecology, biomechanics, and ecophysiology. In this process we will learn to balance the art (intuitive/narrative) aspects of reading the book of nature with the science (objective/inferential). The lab portion of the class will include extensive time in surrounding natural areas. Prerequisites: ENVS 12000 OR ENVS 12100 OR ENVS 14200. (S)  
 Attributes: ENVE  
 4 Credits

**ENVS 22000 Human-Environment Geography (LA)**

This course addresses complex interactions between nature and society from a geographic perspective. The course focuses on theories and methods central to human-environment geography and applies them to the world's most important environmental issues, such as climate change, deforestation, sustainable agriculture, cities, land and water conservation, and globalization. Coursework includes literature review, project design, concept diagramming, cartography (mapping), and quantitative data analysis to address geographic questions of central relevance to sustainability. (S,Y)  
 Attributes: ABSS, AN1, AN3, ENVE  
 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. 4 credits. (F,Y)  
 Attributes: ABSS, ENIN  
 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. RLST 23500 and ENVS 23500 are cross-listed courses. Prerequisites: One three-credit course in the liberal arts. (E)  
 Attributes: ABSS, AN2, ENHU, ENVE, 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, ENIN, ENSS, ENVE, 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 higher, math placement assessment score of 54 or greater, 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, ENVE

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, and the environment as a whole are explored. Also taken up are ethical issues raised by global climate change, such as our obligations to future generations, and how to resolve tensions between economic growth and environmental protection. 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? ENVS 25200 and PHIL 25200 are cross-listed courses; students cannot receive credit for both. Prerequisites: One 3-4 credit liberal arts course. (Y)

Attributes: ABSS, AN2, AN3, HM, LMEL, LSCO, TPJ, TQSF

4 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, AN2, ENHU, ENVE, 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. Students cannot receive credit for both HIST 27000 and ENVS 27000. (Y)

Attributes: ABSS, AN2, ENHU, ENVE, ESHI, ESHU, HI2, HM, LMEL, LSCO, SL, TQSF

4 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). Students cannot take both HIST 27100 and ENVS 27100 for credit. (IRR)

Attributes: ABSS, AN2, ENHU, ENVE, ESHI, ESHU, HI3, HM, LMEL, LSCO

4 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 economic analysis of climate change. Topics include the relationship between economic activity and climate change, economic analysis of climate change mitigation and adaption strategies, and economic analysis of environmental policy in both the United States and the international community. ENVS 28100 and ECON 28100 are cross-listed courses. Prerequisites: ECON 12000. (IRR)

Attributes: AN2, ENSS, ENVE, ESSS, SS

4 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 problem framing, literature review, critical thinking, experimental design, and methods of scientific inquiry. Quantitative literacy concepts such as estimation, measurement, and probability are covered. How to manage large data sets, make graphs, and execute statistical tests are addressed. Focus is on data analysis leading to objective decision making and policy formulation. Issues such as resource use, environmental impact, demographics, disease, pollution, biodiversity, and climate change are examined. Highly recommended for students interested in scientific research. Prerequisites: ENVS 12100. (S,Y)

Attributes: ENRE, QL

4 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 6 credits. (F,S,Y)

1-3 Credits

**ENVS 33100 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: ENIN, ENSS, ENVE, 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 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: ENIN, ENRE, ENVE, 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 2 credits when topics vary. (F,Y)

Attributes: ENIN, 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: ENIN, ENVE, 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: ENIN, ESTS

4 Credits

**ENVS 36000 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, ENIN, ENVE, ESHU, 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. Cross-listed with POLT 36600; students cannot receive credit for POLT 36600. (Y)

Attributes: ABSS, ENSS, ENVE, ESPE, LMEL, LSCO

4 Credits

**ENVS 38000-38002 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: ENIN, ENSS, ENVE, 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)

Attributes: ENRE

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. 1-12 credits. (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. 1.0 credit. (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. (F,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 13000 Pre-Athletic Training Practicum 1 (NLA)

Introduces elements of health care, the athletic training profession, and clinical practice. Presents basic skills, such as taping, wrapping, joint and muscle assessment, application of simple therapeutic techniques, safety, and clinic organization. Part 1 of a 6-course Pre-Athletic Training Practicum series. (F,Y)

1 Credit

## EXSS 13500 Pre-Athletic Training Practicum 2 (NLA)

Reinforces elements of health care, the athletic training profession, and clinical practice. Introduces the specific health care structure of athletic training at Ithaca College. Presents basic skills for applying various physical agents. Part 2 of a 6-course Pre-Athletic Training Practicum series. Prerequisites: EXSS 13000. (S,Y)

1 Credit

## 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. 1 credit. (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: Any 100-level course. (F,S,Y)

Attributes: 1, SS

3 Credits

## EXSS 21000 Pre-Athletic Training Practicum 3 (NLA)

Reinforces elements of health care, the athletic training profession, and clinical practice. Expands on skills learned in courses from the Exercise Science curriculum (Anatomy & Physiology I, Anatomy & Physiology II, Kinesiology), including palpation, goniometry, manual muscle testing, and neuromuscular screen. Part 3 of a 6-course Pre-Athletic Training Practicum series. Prerequisites: EXSS 13500. (F,Y)

1 Credit

## EXSS 21500 Pre-Athletic Training Practicum 4 (NLA)

Reinforces elements of health care, the athletic training profession, and clinical practice. Expands on skills learned in courses from the Exercise Science curriculum (Anatomy & Physiology I, Anatomy & Physiology II, Foundations of Human Performance and Wellness, Kinesiology), including stretching and strengthening exercises. Introduces assisted ambulatory and general medical assessment skills. Part 4 of a 6-course Pre-Athletic Training Practicum series. Prerequisites: EXSS 21000. (S,Y)

1 Credit

## 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. Prerequisites: EXSS 12000, EXSS 12100 (can be taken concurrently). (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. (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 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 Health-Related Assessment (NLA)**

Develop skills in administering health screening, assessments for cardiovascular endurance, muscular fitness, flexibility, body composition, and functional fitness. Majority of learning is fostered through review of video lectures, supervised practice, and arranged experiences in a full-functioning Wellness Clinic. 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. 1 credit. (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 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. (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 (LA)**

Describes human health and illness from a personal context. Explains biological, psychological, and social factors and their complex interactions in order to formulate more effective approaches to health, illness, and health care delivery. Applies the biopsychosocial model to healthcare studies and clinical practice. Prerequisites: PSYC 10300; EXSS 24600. (F,Y)

Attributes: DV

3 Credits

**EXSS 31200 Pre-Athletic Training Practicum 5 (NLA)**

Reinforces elements of health care, the athletic training profession, and clinical practice. Introduces procedures for medical coverage at practices, competitions, and in the event of emergency response. Prepares students for cardiopulmonary resuscitation (CPR) and automated external defibrillator (AED) certification. Discusses specific considerations for various collegiate sports. EXSS 31200: Pre-Athletic Training Practicum 5 will be the 5th of the 6-course Pre-Athletic Training Practicum series. Prerequisites: EXSS 21500. (F,Y)

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. (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 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 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. 1 credit. (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, 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. 1 credit. (F-S,Y)

1 Credit

**EXSS 38400 Practicum in Athletic Testing (NLA)**

Develop skills to conduct sports specific needs analyses. Students' abilities to implement testing protocols to evaluate athlete / client condition on health- and skill-related components of fitness is enhanced. Statistical analysis is used to identify strengths and weaknesses. Profiles are devised to identify objective program directions. Material is geared toward meeting learning objectives for national certification.

Prerequisites: EXSS 26200 and EXSS 26400. (F,Y)

1 Credit

**EXSS 38500 Practicum in Resistance Exercise and Olympic Weightlifting (NLA)**

Explore and execute training modes to enhance strength and power in active populations. Emphasis is on technique and teaching for development of performance in a variety of active populations.

Discussion and demonstration, personal skill development, and leading peers in skill development are the primary means of instruction. Material is geared toward meeting learning objectives for national certification.

Prerequisites: EXSS 26200 and EXSS 26400. (S,Y)

1 Credit

**EXSS 38600 Practicum in Field-Based Conditioning (NLA)**

Develop skills in the 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 / clients in skill development are the primary means of instruction. Material is geared toward meeting learning objectives for national certification. Prerequisite: EXSS 26200 and EXSS 26400. (S,Y)

1 Credit

**EXSS 38700 Practicum in Performance and Wellness Testing (NLA)**

Emphasizes skill development in graded exercise testing through practice-based instruction. Assessing the health status of an individual, protocol selection, and utilizing results to guide exercise programming will be discussed. Understanding electrocardiography and safety and emergency procedures will be highlighted. Majority of learning is fostered through arranged experiences in a full-functioning Wellness Clinic and Exercise Physiology Laboratory. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 26200; EXSS 26400; EXSS 32100. (S,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. (S,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. 3 credits. (F-Y)  
3 Credits

**EXSS 41100 Evidence-Based Practice (NLA)**

Introduces evidence-based practice and clinical research, including epidemiologic, etiologic, diagnostic, prognostic, and therapeutic study designs. Discusses the clinical scientific method and the systematic process of moving from observation to intervention in clinical research. Emphasizes the critical appraisal of research, including identifying potential sources of bias, making a professional judgment of the seriousness of the risk of bias, and interpreting clinical research metrics to guide decision-making and best practices for patients. Prerequisites: EXSS 37500. (S,Y)  
3 Credits

**EXSS 41200 Pre-Athletic Training Practicum 6 (NLA)**

Reinforces elements of health care, the athletic training profession, and clinical practice. Discusses various professional and regulatory elements of athletic training including, the domains of practice, interprofessional practice, professional education, and governance. Prepares students for entry into the Athletic Training Program. Part 6 of a 6-course Pre-Athletic Training Practicum series. Prerequisites: EXSS 31200. (S,Y)  
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 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. 6-12 credits. (F-S,Y)

6-12 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. 3 credits. (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. 1 credit. (F-S,Y)

1 Credit

**EXSS 47000 Applied Practice in Strength and Conditioning and Wellness (NLA)**

Enhance understanding of service provision in strength and conditioning for performance and wellness through applied practice. Students will assist strength and conditioning and health and wellness professionals in the delivery of support services to athletes / clients. Areas of support may include performance testing, program design, exercise leadership, reflective practice and athlete, client and coach education. The objective is to observe closely and have some supervised experiences in the daily operations and special functions of strength and conditioning / health and fitness facilities. A clear focus for internship planning will be developed during this experience. Prerequisites: EXSS 38600; EXSS 38700; EXSS 39000. (F,Y)

2 Credits

**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. 3 credits. (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; 3 credits. (S,Y)

Attributes: CP

3 Credits

## Finance (FINA)

**FINA 10301 Fun with Investments (NLA)**

Introduction to fundamentals of investments. Discusses the basic concepts and principles of investing, with a focus on equity, fixed income, currency, and commodity investing as well as factors that influence price changes, and investment risk and return. (B,F,S,Y)

2 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)**

Introduces personal finance, dealing with various aspects of individual financial decision-making. Financial investments, including stocks, bonds, and mutual funds, and an overview of the individual income tax system. Fundamentals of personal financial statements, financing home and auto purchases, retirement planning, estate management, and insurance are also covered. (Y)

4 Credits

**FINA 20300 Financial Markets and Institutions (NLA)**

Introduces the structure and operations of the U.S. financial system through examination of the economy and the major financial institutions, markets, and instruments that compose it. Emphasis on the functions and interrelationships of these elements and on identifying various government institutions and regulations overseeing the operation of the system. Focus on current or historical events that shape financial markets, financial institutions, and the economy. Prerequisites: ECON 12000. (F,S,Y)

ECON 12000. (F,S,Y)

4 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 (NLA)**

Provides foundation needed to make decisions that affect individual short- and long-term financial well-being and introduces students to concepts relevant to the Wealth Management profession. Explores basic concepts and their applications through self-analysis, case studies, and interactive web-based tools. Prerequisites: BINT 10100 or ACCT 22500 or ACCT 22700. (F,S,Y)

4 Credits

**FINA 30301 Introduction to Applied Python in Finance (LA)**

Introduces Python, including the ability to write basic Python code to help with financial analysis of capital market investments. Teaches basics of Python, including the Python environment, data types, loops, functions, and some specific libraries. Provides applications of Python skills and statistical tools to analyzing capital market data. Prerequisites: FINA 31100 and MATH 14400 or MATH 14500 or PSYC 20700. (B,S)

2 Credits

**FINA 30400 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 30401 Introduction to Derivatives (NLA)**

Examines derivatives products that have become increasingly important in the world of finance and investments, including how derivatives markets are used by finance professionals to speculate and hedge market risk, interest rate risk, and credit risk. Derivatives covered include options, forwards, futures, and swaps. Prerequisites: FINA 31100. (IRR)

2 Credits

**FINA 30402 Mini-courses in Finance- Intro to Derivatives (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)**

An in-depth examination of the principle of time value of money with its applications in various areas of financial decision making in organizations to include stock and bond valuation, capital budgeting, and capital structure within the risk-return framework. Decisions about dividend policies, operating and financial leverage, and sources of short-term financing are also addressed. Prerequisites: ECON 12000 and ACCT 22500 or ACCT 22700. (F,S,Y)

4 Credits

**FINA 31500 Real Estate Finance (NLA)**

In-depth examination of financing of residential and commercial income producing properties including types of loans, underwriting, appraisal, and closing, cash-flow identification, and tax implications. Decisions about leverage, within the risk-return framework, real estate investment performance, and sources of real-estate funding are addressed. A review of secondary mortgage markets, and the role of government policies are also discussed. Prerequisites: FINA 31100. (IRR)

4 Credits

**FINA 32100 Investments (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, Macaulay duration and related topics, intro to derivatives. Prerequisites: FINA 31100. (F,S,Y)

4 Credits

**FINA 37000 International Finance (NLA)**

Examines 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. Explores the dynamic relationship between exchange rates and fundamental economic variables. Prerequisites: FINA 31100. (S,Y)

4 Credits

**FINA 37500 Fixed Income Analysis (NLA)**

Introduces basic concepts of fixed-income investing and fixed-income instruments. Includes bond valuation, the yield curve, fixed-income risk management, as well as the impact of the macroeconomic fundamentals, particularly changes in interest rates. Explores the practice of fixed income securities, analysis, and investing. Students actively manage a fixed income portfolio. Prerequisites: FINA 32100. (S,Y)

4 Credits

**FINA 38000 Equity Analysis (NLA)**

Explores the process of equity analysis and valuation and prepares students to make buy recommendations on stocks that could be added to the South Hill Fund. Exposure to real-world activities of equity portfolio investing including security analysis and investment decision-making, trade execution considerations, portfolio formation, and risk management as well as ongoing position assessment and performance evaluation. Prerequisites: FINA 32100. (F-S, Y)

4 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)**

Explores wealth management topics including fiduciary responsibility, investments, risk tolerance, asset allocation, and taxation. Wealth management involves customized and sophisticated solutions dependent on the net-worth and financial objectives of the investor household. Strategies 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)

4 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 Assets (NLA)**

Explores the alternative assets industry, as well as the products and investment strategies in this category that are used for diversification and hedging purposes. In-depth analysis of vehicles such as hedge funds, private equity, private debt, commodities, and real estate. Prerequisites: FINA 32100. (F,Y)

4 Credits

**FINA 48000 Advanced Business Finance (NLA)**

Capstone in finance that combines theories of financial management with business applications through case analysis and use of spreadsheet software. Financial theories underlying risks and return, capital structure and cost of capital, optimal capital budget, short- and long-term financing decisions, mergers and acquisitions, leasing, and dividend policy are examined. Prerequisites: FINA 32100. (F,Y)

4 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 6 credits 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 6 credits 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  
4 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  
4 Credits

**FREN 20000 Intermediate French (LA)**

Develops intermediate-level proficiency in French with a focus on culture. Includes grammar review and expansion, with practice in all skill areas and a particular emphasis on spoken communication. Prerequisites: FREN 10200 with a grade of C- or better, or by placement examination. (Y)

Attributes: HM, TIDE  
4 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  
4 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 20000 or above taught in French with a grade of C- or better, or by placement examination. (IRR)  
Attributes: CCCS  
4 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  
4 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 34800 French Radical Feminism (LA)**

This course explores French feminism through history, from the French Revolution to the contemporary era. Through discussion of key French feminist texts, students address issues such as the relationship between gender, race and citizenship; the gender binary and its ties to heteronormative structures of power; and the influential role of French feminist theory on contemporary queer theory and transgender studies. Course taught in English. This course does not count towards language proficiency requirements in majors. Prerequisites: Two courses in the Liberal Arts. (IRR)  
Attributes: CTE, WGS, WGS3, WGS4  
4 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: FREN 20000 or above taught in French with a grade of C- or better, or by placement examination. (IRR)  
4 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)  
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

## General Business (GBUS)

**GBUS 20300 Business Law I (NLA)**

Introduction to contracts law under both the common law and the Uniform Commercial Code. Topics include contract formation (offers, counteroffers, consideration, and acceptance), enforcement, breach, and damages. Emphasis is placed on the application of legal concepts to solve problems. (Y)  
2 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

4 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

4 Credits

**GERM 20000 Intermediate German (LA)**

Develops intermediate-level proficiency in German with a focus on culture. Includes grammar review and expansion, with practice in all skill areas and a particular emphasis on spoken communication. Prerequisites: GERM 10200 with a grade of C- or better, or by placement examination. (Y)

Attributes: HM, TIDE

4 Credits

**GERM 20101 Intermediate German Conversation (LA)**

Intensive conversational practice for students at the intermediate level. Includes pertinent grammar review and assigned readings as the basis for discussion in class, and periodic student presentations. May be used in place of GERM 20100 Intermediate German I for language proficiency requirements in majors. Prerequisites: GERM 10200 with a grade of C- or higher or by placement examination. (IRR)

Attributes: GERM

4 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

4 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

4 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 30900 Introduction to German Literature (LA)**

A study of representative texts in German literature from the Enlightenment to the present. Students will learn how to read, interpret, and write about various literary genres and aesthetic movements.

Prerequisite: GERM 20000 or above taught in German with a grade of C- or better, or by placement examination. (IRR)

4 Credits

**GERM 31200 Advanced German Grammar and Composition (LA)**

Advanced study of German grammar, with an emphasis placed on composition. Prerequisites: GERM 20000 or above taught in German with a grade of C- or better, or by placement examination. (IRR)

Attributes: HU

4 Credits

**GERM 32300 Advanced German Conversation (LA)**

Extensive oral practice using selected topics as a basis for conversation, discussion, and presentations or short talks. Prerequisites: GERM 20000 or above taught in German with a grade of C- or better, or by placement examination. (IRR)

Attributes: 3A, G, HU

4 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 35000 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. Taught in English, but with extensive practice in speaking, reading, comprehension, and writing in German. Prerequisites: GERM 20000 or above taught in German with a grade of C- or better, or by placement examination. (IRR)

Attributes: GERM, SCE

4 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: GERM 20000 or above taught in German with a grade of C- or better, or by placement examination. (IRR)

4 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 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 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

## 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 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 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 10000 Introduction to Meditation (NLA)**

Explores various techniques of sitting and walking meditation to cultivate inner capacity for grounded awareness of thought patterns, sensory experience and presence in everyday life. Managing stress and anxiety can impact cardiovascular and digestive health. Introduces foundational practices for mindfulness meditation. (F,S,Y)

Attributes: HE1

1 Credit

**HLTH 10100 Introduction to Healthy Aging (LA)**

Introduces students to the examination of the multifaceted and dynamic process of aging from the perspectives of a variety of health disciplines. Will explore the factors that influence our health over time, strategies for promoting health as we age, and the network of health care and long-term services and supports for the aging population. Emphases on interactions with older adults and intergenerational community engagement. (F,Y)

3 Credits

**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. (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)**

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. Students cannot receive credit for both ECON 20400 and HLTH 20400.

Prerequisites: ECON 12000. (IRR)

Attributes: LMEL, LSCO

4 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. 3 credits. (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 22100 Health and Wellness Coaching I (LA)**

Theory and application of health coaching with focus on theories of health behavior and practices of health behavior change. 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.

Attributes: SO

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 Human Disease (LA)**

Focus is on the leading causes of morbidity and mortality in the world, with an emphasis on the United States. Emphasis is on health promotion through awareness of risk factors associated with diseases. Topics reviewed include etiology, pathology, symptoms, morbidity and mortality rates, prevention, and commonly used methods of diagnosis and treatment. Opportunities for hands-on learning and skill development in best practice screening techniques that are used in primary care settings. (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, LXME  
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 12 credits. (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 Public Health Policy and Justice (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 and ethics as a descriptive, analytical, and political tool of public health. Community, regional, national, and global public health policies are studies and evaluated. Attention is paid to current public health issues in the news. Prerequisites: HLTH 31700. (F,Y)

Attributes: WI

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 31600. (S,Y)

Attributes: CP

2 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. 6-12 credits. (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 6 credits. 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 10010 Introduction to Health Professions Careers (NLA)**

Overview of various health professions careers and connection with key campus resources. Career exploration including academic pathways, professional responsibilities, and discipline-specific and interprofessional expectations. Integration of best practices for Health Professions Advising. (F,Y)  
1 Credit

### **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 3 credits. (Y)  
1 Credit

## 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: CSA, HM, 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: DV, ESE, HM, TIDE, TPJ  
4 Credits

### **HIST 11100 Founding a Nation: United States History to 1877 (LA)**

A survey of United States history from the colonial period through 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. (IRR)  
Attributes: HM, TPJ  
4 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, 1450-2000 (LA)**

Course about individuals who are traditionally 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. (Y)

Attributes: DV, HM, TIDE, TPJ, WGS, WGSJ

4 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. Not open to seniors. (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 Becoming Global: The World to 1500 (LA)**

Traces the development of key social, cultural and political developments that emerge in ancient and premodern societies across the globe. The course is both chronological and thematic and explores how a broad range of early societies dealt with certain key questions in human history, including hierarchy and social structures, identity, authority, and cultural encounter. Students may not receive credit for both HIST 18100 and HIST 10100. Not open to seniors except by permission of instructor. (Y)

Attributes: HM, TIDE, TPJ

4 Credits

**HIST 18200 How Did We Get Here? The Making of the Modern World (LA)**

This course examines the history of the modern world, defined as the period after 1500, with an emphasis on the operation of imperial power, nationalist resistance, revolution, the emergence of nation-states, and the development of global inequality. Students may not receive credit for both HIST 18200 and HIST 10200. Not open to seniors except by permission of instructor. (Y)

Attributes: HM, TIDE, TPJ

4 Credits

**HIST 18400 The Islands: Caribbean History 1492 to the 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 18500-18501 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 credit for a total of three credits for selected topics on different subjects. (IRR)

Attributes: HU

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 21200 Rights and Wrongs: The History of American Law (LA)**

Explores the Constitution and the history of its interpretation (rights) and how our legal system, both criminal and in terms of those constitutional rights, has so often fallen short of our ideals (wrongs). Considering concrete examples drawn from the legal system, from the explosive growth of American prison populations, to shifting interpretations of constitutional protections related to privacy, the right to bear arms, and race and gender, students gain a deeper understanding of U.S. law as a human construct that is changeable, fallible, and correctable. (IRR)

Attributes: LMEL, LSCO

4 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. (IRR)

Attributes: HI1, HM, INBG, TIDE, TWOS

4 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. (IRR)

Attributes: AACH, AASE, HI3

4 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

4 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: From the Time of 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, HI3, HIPM, RPRE, RSEA

4 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, TWOS

4 Credits

**HIST 22900 Medicine and Magic in the Middle Ages (LA)**

Examines a variety of aspects of medical and magical theory and practice in the medieval Mediterranean world, ca. 750-1350. Looks at the transmission of practices and ideas throughout the Mediterranean, including texts originating in the most significant medical centers during this period – Baghdad, Alexandria, Constantinople, Toledo, Bologna, and Salerno – and written in Greek, Hebrew, Arabic, Latin, and more local languages. Among other topics, it considers medical theory, surgical practice, daily regimens, origins of hospitals, and responses to epidemic. Examines how magic and astrology are often inseparable from medicine in this period. This course counts toward the Premodern, Global, or European requirement for history department majors. (IRR)

Attributes: HI1, HI3, HIPM

4 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 the Premodern, European, or Global area requirement for the history major. (IRR)

Attributes: HI1, HI3, HIPM, HM, RSEA, TIII

4 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 Premodern or European requirement for History Department Majors. (IRR)

Attributes: CSA, HI1, HIPM, WGS, WGSC

4 Credits

**HIST 23200 Medieval Civilization (LA)**

Focuses on the political, religious, and cultural developments in the medieval European and Mediterranean world, c. 300-1400. We will survey the events of this long span of time, and we will also focus in particular on the mentalities—the ways people understood themselves and the world—that characterize the Middle Ages. This course counts toward the Premodern or European requirement for history department majors. (IRR)

Attributes: HI1, HIPM

4 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. (IRR)

Attributes: HI3, HIPM, HM, LAEL, LAGC, LXME, NASE, RPRE, TIDE, TPJ

4 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. (F,S,Y)

Attributes: HI3, HM, INBG, LAEL, LXME, NASE, RPRE, TIDE, TPJ

4 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: HI2, HM, LMEL, LSCO, RSEA, TMBS, TWOS, WGS, WGSC

4 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 and Reconstruction (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; the imprint of war; the African-American family in freedom; Reconstruction; and the Rise of the New South. This course counts toward the U.S. history requirement for history department majors. (F,Y)

Attributes: DV, HI2, HM, LMEL, LSCO, TIDE, TPJ

4 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. (IRR)

Attributes: ADSE, DV, ESE, HI2, LMEL, LSCO, RPPE

4 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. Students cannot receive credit for both HIST 27000 and ENVS 27000. (Y)

Attributes: ABSS, AN2, ENHU, ENVE, ESHI, ESHU, HI2, HM, LMEL, LSCO, SL, TQSF

4 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). Students cannot take both HIST 27100 and ENVS 27100 for credit. (IRR)

Attributes: ABSS, AN2, ENHU, ENVE, ESHI, ESHU, HI3, HM, LMEL, LSCO

4 Credits

**HIST 27200 History of the Future (LA)**

An examination of historical perceptions and visions of the future across time and place. Utopian thought and societies, science and technology, war and peace, the environment, and gender relations are the historical themes explored. (IRR)

Attributes: 1, ENHU, ENVE, ESHU, H, HI1, HI2, HM, HU, TIDE, TQSF

4 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. Applies 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. (IRR)

Attributes: AASE, ADSE, HI3, HM, INBG, LXME, NASE, TPJ, TWOS

4 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. (IRR)

Attributes: HI2, HM, TIDE

4 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)**

Examines the rise of nationalism and the nation-state in the wake of the French Revolution. Topics discussed include the rise of national and independence movements in the early 19th century as well as national unifications in the late 19th century. Particular attention paid to European nations' shifting processes of inclusion and exclusion in the 19th century. This course counts towards the European History requirement for department majors. (IRR)

Attributes: HI1

4 Credits

**HIST 28200 Dictatorships and Democracies in 20th Century Europe (LA)**

An examination of economic, social, and political events in Europe in the 20th century. Focuses on why a few countries maintained viable democracies while most others succumbed to dictatorships. Special attention given to the treatment of minority populations in democracies and dictatorships. This course counts towards the European History requirement for department majors. (IRR)

Attributes: HI1, HM, TIDE, TPJ

4 Credits

**HIST 28300 Society and Sovereignty in French History, 1550-1815 (LA)**

Examines political, cultural, and social transformations in France. Focuses on the French Wars of Religion (1562-1598), absolutism, the Enlightenment, and the Revolutionary and Napoleonic eras. Special attention is given to changes in governance, social institutions, and human rights. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)

Attributes: HIPM, HM, LMEL, LSCO, TPJ, WI

4 Credits

**HIST 28400 Microhistories: Gender, Religion, and Agency in Europe, 1350-1870 (LA)**

Focuses on microhistories, a type of historical writing that examines an individual's life in connection with larger social, political, and cultural issues. Explores themes of religion, gender, and sexuality in early modern Europe. Readings cover individuals who would typically be left out of traditional historical narratives (e.g., women, LGBTQ+ individuals, and people of the lower and middling classes). This course counts towards the European History requirement for History Department majors.

Prerequisites: WRTG 10600, ICSM 10800, ICSM 11800. (IRR)

Attributes: HI1, HIPM, RSEA, WGS, WGSC, WI

4 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, ICSM 10800, or ICSM 11800. (IRR)

Attributes: HI2, LMEL, LSCO, WI

4 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 30100 Renaissance and Reformation Europe (LA)**

Consideration of the major trends in European history between 1350 and 1660, including Renaissance culture and Humanism, the Protestant Reformation, Tudor/Stuart England, and the Wars of Religion. This course counts toward the European requirement for history department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: HI1, HIPM, RSEA

4 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: HI1, HIPM

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, HIPM

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, 1789-1914 (LA)**

This course traces the development of the United States over the "long 19th century," from 1789 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: One 200-level HIST course. (IRR)

Attributes: HI2

4 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 200-level HIST course. (IRR)

Attributes: HI2

4 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, with particular focus on 1945-1991. 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 distribution requirement for history department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: HI2

4 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 200-level HIST course. (IRR)

Attributes: HI1, INBG

4 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 34700 Mughal India (LA)**

Examines major aspects of the Mughal Empire as a diverse, multi-ethnic and multi-religious state. Topics include a history of the empire, Mughal relations with world powers, Mughal arts and literature, the role of women in the empire, and the nature of cultural mixture in the encounter between the Mughals and various groups on the subcontinent, both Indian and English. This course counts towards the Global History requirement for History majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: HI3

4 Credits

**HIST 34800 The Ottoman World (LA)**

Surveys major aspects of the Ottoman Empire, including the history of the empire, Ottoman political and commercial culture and relations with other world powers, religious culture, art, architecture, literature and music of the Ottoman period. The empire is treated as a case study of a diverse, multi-ethnic and multi-religious state composed of aspects of the earlier Byzantine Christian and Jewish cultures with Turkic and Islamic cultural elements. Addresses long-term issues of cultural interaction and diversity, and shapes a discussion on the ways that diverse cultures have negotiated their relationships over time. This course counts towards the Global History requirement for history department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: HI3

4 Credits

**HIST 35000 Conversion of Rome: Cultural Transformation in the Late Antique Mediterranean (LA)**

Explores the fall of the Roman Empire and the rise of Christianity. Covers the historical context of the late empire and examines several aspects of culture individually, including attitudes towards political power, marriage and sexuality, military service, education, and care of the dead. Counts toward either the European or the Premodern requirement for history department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: HI1, HIPM

4 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)**

Focuses on the "High Middle Ages" (roughly 1100-1350) in Europe, especially France and Italy, 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 Premodern requirement for history department majors. Prerequisites: one 200-level HIST course. (IRR)

Attributes: HI1, HI3, HIPM, RSEA

4 Credits

**HIST 35300 Religion, Politics, and Culture in Ancient Greece, 550-350 BC (LA)**

Focuses primarily on Athenian and Spartan culture in the period from the generation before the wars with Persia until the aftermath of the war between Athens and Sparta. Alongside the prolific political and cultural changes of this period, which are often seen through a modern, secular, perspective, we consider the enduring place of myth and religion in the lives of the Greeks. This course counts toward the Premodern or European requirement for history department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: CSA, HI1, HIPM

4 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 200-level HIST course. (IRR)

Attributes: GERM, HI1

4 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 200-level HIST course. (IRR)

Attributes: GERM, HI1

4 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 200-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. (IRR)

Attributes: HI2, WI

4 Credits

**HIST 37000 Slavery and the Old South, 1607-1877 (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, this course's focus will be on the development of the South as a conscious minority during the antebellum era; the lives of the enslaved; the death of the Old South as a result of war; the abolition of slavery; and Reconstruction and its end in 1877. This course counts toward the U.S. requirement for history department majors. Prerequisites: One 200-level HIST course. (S,IRR)

Attributes: ADCH, ADSE, HI2, RPPE

4 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: One 200-level HIST course. (IRR)

Attributes: HI2

4 Credits

**HIST 38000 A Global History of Lies: Rumors, Conspiracy Theories, and Hoaxes (LA)**

Considers how a confluence of technological, economic, political and social forces have reshaped the contours and possibilities of misinformation and disinformation and their role in the development of rumors, conspiracy theories, and hoaxes. Focusing on Europe, the United States, and Latin America, we will trace the arc of conspiratorial thinking and rumors from the European Wars of Religion to the era of Trump, Putin, Bolsonaro, Orban, and Erdogan. This course counts toward the global requirement for department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: HI3, LAEL

4 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 200-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, 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. (IRR)

Attributes: HI3, LAEL, LSCH, LXME, RPRE, WGS, WGSC  
4 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 45000 History Seminar and Capstone (LA)**

Intensive reading, research, and writing seminar focused on a particular historical theme, culminating in a significant research paper. Also provides a capstone experience for History Majors. Students reflect upon their learning in the various components of the ICC and 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. Themes and instructors vary each semester. Prerequisites: One 300-level History course and WRTG 10600 or ICSM 10800. (F,S)

Attributes: CP, WI  
4 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 6 credits 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

## (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 11000 IC ADVANTAGE: College: Learning to Learn (LA)**

Interrogate your assumptions about education, conduct experiments on your own learning habits, and apply the science of success to your transformation from high school to college student. In this online summer course taken in the weeks prior to your arrival on campus, you will build the tools, mindset, and motivation to become a self-directed learner: to take control and shape the college experience you want for yourself; to take calculated academic risks; and to identify and build the habits and practices that will help you bring your personal best to your first year at Ithaca College. (U)

1 Credit

**ICIC 11100 IC ADVANTAGE: Community: Exploring the People and Places of I.C. (LA)**

Welcome to the vibrant learning community of Ithaca College and its host community, Ithaca, NY. In this online summer course taken in the weeks prior to your arrival on campus, you will meet new students from every corner of IC and work together to explore what it means to be a part of a community—on campus and beyond. A range of disciplinary perspectives and case studies (stories, poems, essays, photographs, music, movies, etc.) will help us connect the different worlds and identities of our lived experiences and the new communities we now enter, imagine, and seek to build at the outset of a shared Ithaca College experience. (U)

1 Credit



**ICIC 11200-11219 Deep Dive: Intellectual Explorations (LA)**

Delve into a crucial issue, idea, topic, or debate in a focused and intentional way. In this online summer course taken in the weeks prior to your arrival on campus, you will be introduced to the forms and challenges of college-level coursework and the transferable critical skills (reading, writing, oral presentation, etc.) for future academic success at Ithaca College. (U)

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

**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

**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 10000 College: Learning to Learn (LA)**

Interrogate your assumptions about education, conduct experiments on your own learning habits, and apply the science of success to your transformation from high school to college student. In this online summer course taken in the weeks prior to your arrival on campus, you will build the tools, mindset, and motivation to become a self-directed learner: to take control and shape the college experience you want for yourself; to take calculated academic risks; and to identify and build the habits and practices that will help you bring your personal best to your first year at Ithaca College. (U)

1 Credit

**ICSM 10001 Community: The People and Places of IC (LA)**

Welcome to the vibrant learning community of Ithaca College and its host community, Ithaca, NY. In this online summer course taken in the weeks prior to your arrival on campus, you will meet new students from every corner of IC and work together to explore what it means to be a part of a community—on campus and beyond. A range of disciplinary perspectives and case studies (stories, poems, essays, photographs, music, movies, etc.) will help us connect the different worlds and identities of our lived experiences and the new communities we now enter, imagine, and seek to build at the outset of a shared Ithaca College experience. (U)

1 Credit

**ICSM 10020-10039 Deep Dive: Intellectual Explorations (LA)**

Delve into a crucial issue, idea, topic, or debate in a focused and intentional way. In this online summer course taken in the weeks prior to your arrival on campus, you will be introduced to the forms and challenges of college-level coursework and the transferable critical skills (reading, writing, oral presentation, etc.) for future academic success at Ithaca College. (U)

1 Credit

**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 and serve as an introduction to the Integrative Core Curriculum (ICC). This course is open only to first semester first-year students and students may not earn credit for more than one of ICSM 10500, ICSM 10800, ICSM 12000, ICSM 19000. (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 and serve as an introduction to the Integrative Core Curriculum (ICC). This course fulfills the Academic Writing competency requirement of the ICC. This course is open only to first-semester first-year students and students may not earn credit for more than one of ICSM 10500, ICSM 10800, ICSM 12000, ICSM 19000. (F)

4 Credits

**ICSM 12000 Ithaca Seminar for Innovation Scholars (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 Integrative Core Curriculum (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 of ICSM 10500, ICSM 10800, ICSM 12000, ICSM 19000. (F)

4 Credits

**ICSM 17000 Meeting the Challenges: Strategies for Success in College (LA)**

An interdisciplinary liberal arts course that supports the continuing academic and social transition to Ithaca College. The course will examine topics to build academic success and relate academic success to wider considerations of student health and wellbeing in reflecting on the purpose and potential of a college experience. (F,S)

1 Credit



**ICSM 19000 Ithaca Seminar for Transfer Students (LA)**

An interdisciplinary liberal arts course that supports the academic and social transition to Ithaca College. The course will welcome transfer students to Ithaca College and its Integrative Core Curriculum (ICC) by discussing the role of the liberal arts in the 21st century, introducing students to reflective thinking, and developing awareness of on- and off-campus resources. (F,S)

1 Credit

**ICSM 20000 Peer Leadership in the Ithaca Seminar (NLA)**

This is an experiential learning course which assigns students to an Ithaca Seminar in the role of student Peer Leader (an ambassador or assistant who works with an instructor to engage Ithaca Seminar 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 instructor. 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 12000, or ICSM 19000 course, and instructor approval. (F)

0-1 Credits

## Interdisciplinary Studies Prog (IISP)

**IISP 10500 Exploring the Options: Finding Purpose and a Path in College (LA)**

Provides Exploratory students with the opportunity to clarify their purpose in college. Readings and structured activities help students articulate educational goals and shape their program of study by learning to connect personal values with strategic planning and problem-solving skills. (B,F,S,Y)

Attributes: UND

1 Credit

**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. 3 credits. (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. 1-3 credits. (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. 3 credits. (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. 1-3 credits. (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 6 credits 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 6 credits 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

4 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

4 Credits

**ITAL 20000 Intermediate Italian (LA)**

Develops intermediate-level proficiency in Italian with a focus on culture. Includes grammar review and expansion, with practice in all skill areas and a particular emphasis on spoken communication. Prerequisites: ITAL 10200 with a grade of C- or better, or by placement examination. (Y)

Attributes: HM, TIDE

4 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 21000 Experiencing Italy: Remarkable Cities (LA)**

This course provides a "virtual tour" of Italy through the focused study of key metropolitan areas from a multidisciplinary perspective. Students explore the history of each city and the art, architecture, and literature that characterize it. The class examines the cultural differences of each area, including variations in traditions, language, cuisine, and music. Limited Italian pertaining to travel may be introduced, but no prior knowledge of Italian is required. Taught in English. This course does not count towards language proficiency requirements in majors.

Prerequisites: One 3 or 4 credit liberal arts course. (IRR)

Attributes: CA, CTE, HM, TIDE

4 Credits

**ITAL 23000 The Italian Americans (LA)**

This course examines the experience and assimilation of Italian immigrants to the United States. Topics include the conditions in southern Italy that compelled Italians to emigrate, the challenges of immigration, the role of the family, Italian-American women, the effects of prejudice, the mafia stereotype, and portrayals of Italian Americans in popular culture. Taught in English. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: CTE, DV

4 Credits

**ITAL 24500 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; no knowledge of Italian is required. This course cannot be used to satisfy language proficiency requirements in majors. (IRR)

Attributes: CTE, HM, TIDE, TPJ

4 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: CA, CTE, HM, TIDE

4 Credits

**ITAL 26000 A Place To Call Home: Origins and Identity in Italian Literature, Film, Art and Music (LA)**

This course examines a variety of Italian cultural artifacts, including poems, short stories, novels, films, visual art, and songs, that explore the concept of home and the theme of identity. Works will be drawn from throughout Italian history, and will consider the way in which the leitmotif of home is also inextricably connected with that of the journey towards and away from our origins. Course taught in English; no knowledge of Italian is required. Content in Italian will be available to interested students. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: CTE, HM, TIDE

4 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

4 Credits

**ITAL 27500 Love, Lust, and the Black Death: Boccaccio's Decameron in English (LA)**

Study of Giovanni Boccaccio's masterpiece: a collection of short stories written at the dawn of the Italian Renaissance, just as Italy was emerging from the devastating Black Death pandemic of 1348. 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 English; no knowledge of Italian is required. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: CTE, HM, TIDE, TIII

4 Credits

**ITAL 28000 Italian Culture through Cinema (LA)**

This course is intended to introduce students to Italian cinema of the past four decades, and how these films depict the language, culture, history, and changing social issues of Italian society and culture. Special attention is 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 and cultural differences. Taught in English; no knowledge of Italian is required. This course cannot be used to satisfy language proficiency requirements in majors. (IRR)

Attributes: CTE

4 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 30000 Italian Conversation and Culture (LA)**

Extensive oral practice with a focus on Italian culture using selected topics as a basis for grammar review and expansion, conversation, discussion, and presentation of short talks. Prerequisites: ITAL 20000 or above taught in Italian with a grade of C- or better, or by placement examination. (Y)

4 Credits

**ITAL 31000 Experiencing Italy: Remarkable Cities (LA)**

This course provides a "virtual tour" of Italy through the focused study of key metropolitan areas from a multidisciplinary perspective. Students explore the history of each city and the art, architecture, and literature that characterize it. The class examines the cultural differences of each area, including variations in traditions, language, cuisine, and music. Class taught in English, but with extensive Italian practice through readings, discussion, and assignments. Students with no or limited Italian should enroll in ITAL 21000 instead of this class. Prerequisites: ITAL 20000 or above, or by placement exam. (IRR)

4 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 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 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. Prerequisites: ITAL 20000 or above taught in Italian with a grade of C- or better, or by placement examination. (IRR)

4 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. Taught in English, but with extensive practice in speaking, reading, comprehension, and writing in Italian. Prerequisites: ITAL 20000 or above taught in Italian with a grade of C- or better, or by placement examination. (IRR)

Attributes: HU, INBG, SCE

4 Credits

**ITAL 35200 The Love that Moves the Sun and Stars: Dante's Divine Comedy in Italian (LA)**

Students read and discuss 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. Taught in English with bi-lingual editions, but with practice in speaking, reading, comprehension, and writing in Italian. Prerequisites: ITAL 20000 or above taught in Italian with a grade of C- or better, or by placement examination. (IRR)

4 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: ITAL 20000 or above taught in Italian with a grade of C- or better, or by placement examination. (IRR)

4 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. 3 credits. (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 in Italian (LA)**

Study of Giovanni Boccaccio's masterpiece: a collection of short stories written at the dawn of the Italian Renaissance, just as Italy was emerging from the devastating Black Death pandemic of 1348. 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 English with bi-lingual editions, but with practice in speaking, reading, comprehension, and writing in Italian. Prerequisites: ITAL 20000 or above taught in Italian with a grade of C- or better, or by placement examination. (IRR)

Attributes: HU

4 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 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 2 credits, each semester. Corequisite: JAZZ 19900. (F,S)

1-2 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 1 credit, 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 11100 or MUTH 11200. (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 2 credits, each semester. Corequisite: JAZZ 19900. Prerequisites: 2 semesters of JAZZ 17000. (FS)

1-2 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 1 credit, 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 37000 Jazz Private Study III (NLA)**

Private study in jazz for Jazz Studies majors only. Co-requisite: JAZZ 19900. Prerequisites: JAZZ 27000. (F,S)

1-2 Credits

**JAZZ 37001 Jazz Private Study III, minor instrument (NLA)**

Private study in jazz for Jazz Studies majors only. Jazz Studies majors may elect 2 semesters of JAZZ 37001 for 1 credit, each semester. Co-requisite: JAZZ 19900. Prerequisites: JAZZ 27000 or JAZZ 27001. (F,S)

1 Credit

**JAZZ 47000 Jazz Private Study IV (NLA)**

Private study in jazz for Jazz Studies majors only. Co-requisite: JAZZ 19900. Prerequisites: JAZZ 37000. (F,S)

2 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: AN3, HM, RSEA, 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: HM, RSEA, 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. RLST 20300 and JWST 20300 are cross listed; students may not receive credit for both courses. Prerequisites: One three credit Liberal Arts course. (S,Y)

Attributes: 1, G, HM, HU, TIDE, TMBS

4 Credits

**JWST 24000 Film and the Holocaust (LA)**

Explores representations of the Holocaust in film, examining a broad range of documentary and fictional works from 1945 to the present, and focusing on several key themes, including the debate about the unrepresentability of the Holocaust, the ethical and political dimensions of Holocaust representation, and the evolution in the form and significance of Holocaust cinema. Prerequisites: One 3-4 credit liberal arts course. (IRR)

Attributes: CA, DV, GERM, HM, JWST, SCE, TPJ

4 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, WGS

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. 3 credits. (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 4 credits. (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. 3 credits. (F-S) 3 Credits

**JOUR 48000 Multimedia Journalism (NLA)**

This course critically examines how journalists and news organizations are using emerging forms of multimedia technology along with mobile devices and evolving social media. Students gain hands-on experience by experimenting with mobile devices for news gathering, distribution, and community building and engagement. Students produce a portfolio of multimedia stories published on the class website, Ithaca Week. 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. (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. 3 credits. (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 12 credits (including London and Los Angeles internships). For example, if a student takes an 8-credit internship, a second internship would count for up to 4 credits only, for a total of 12 credits. Pass/fail only. 1-8 credits. (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: CA, DV, HM, LXME, RPRE, SCE, TIDE

4 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)

Attributes: DV, HM, TIDE, TPJ

4 Credits

## LNGS 12000 Introduction to the Art of Translation (LA)

Introduction to the world of translation and interpreting from a theoretical and practical perspective. Texts will include translators' prefaces, reviews, literary and non-literary translations, interviews focusing on issues of translatability, fidelity, purpose and ethics. This course is intended for students with basic reading and listening proficiency in a language other than English. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)

Attributes: HM, TIII, TWOS, WI

4 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 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. Open to all students. Prerequisites: One course in the liberal arts. (F,S,Y)

Attributes: 3A, ESE, GERM, HM, SS, TIDE, TWOS

4 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. (F,Y)

Attributes: ESE, HM, TIII, TWOS

4 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. (S,Y)

Attributes: HM, TIII, TWOS

4 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

4 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

4 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)

4 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 Focused Translation Project (LA)

Individual research, analysis and translation of a literary or non-literary text (or selection of texts), supervised by a faculty mentor in the WLLC department. Culmination of the Translation Studies Minor, and restricted to Translation Studies minors. Course can be repeated once for up to two credits if completed in different languages. Prerequisites: FREN 35500, GERM 35500, ITAL 35500 or SPAN 35500. (IRR)

Attributes: GERM

1 Credit



## Legal Studies (LGST)

### **LGST 10100 Foundations in Law and Justice (LA)**

Provides a critical, interdisciplinary, and comparative overview of the concepts of law and legality broadly defined. Illustrates how law and legal regimes are inextricably bound up with political, historical, economic, and sociocultural forces. By focusing on the dynamic relationship between law, justice, and power, the course looks at the ways that law can be used as a tool of social control, as well as ways that law can be employed as a site of resistance from which to produce social change. Law – and the links between law and justice – are examined in the national (American) and international or global contexts. The course is aimed at all students interested in questions of power, justice, governance, and society. LGST 10100 is required of all Legal Studies majors and minors. (F,Y)

Attributes: AN3

4 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. (F,S)

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, ENVE, 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, ENVE, ESPE, LMAL, LMEL

3 Credits

### **LGST 32300 Legal Research Seminar: Investigating Law and Justice 'on the Ground' (LA)**

Teaches students the fundamentals of qualitative social science research, with the aim of examining questions of law and legality, broadly defined. After providing a broad overview of qualitative research as conceived through the lens of social science – and a brief examination of the particular qualitative methods of [participant] observation and interviewing – the course turns to an empirical and qualitative examination of a series of interdisciplinary research studies on topics related to law and justice. This course is required for all Legal Studies majors. Prerequisites: LGST 10100. (Y)

Attributes: LMAL, LMEL

4 Credits

### **LGST 32410 Human Rights & Genocide (LA)**

The course examines some of the key debates within the field of human rights, including debates between universalism and cultural relativity, and between individual and collective rights. It also looks at some of the main critiques of human rights: Does it matter if there is an international human rights regime if human rights are not enforced? In what ways can human rights be considered a colonialist enterprise? The course focuses in particular on the crime of genocide and attempts by individuals and groups to recover or seek justice in the wake of genocidal-type violence. Course is cross-listed with POLT 32410; students cannot earn credit for POLT 32410. Prerequisites: One 100-level LGST or POLT course. (S,Y)

4 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 eight credits when topics vary. Prerequisites: One LGST course at 100-level or above. (Y)

Attributes: AN3, LSAP

1-8 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

## Management (MGMT)

### **MGMT 11100 Introduction to Business (NLA)**

Provides an introductory overview of business, including its managerial, economic, political, and social environments. Emphasis in the areas of management, marketing, finance, and accounting, and how knowledge in each of these areas can help students solve business cases. (Y)

2 Credits

**MGMT 20600 Organizational Behavior and Ethics (LA)**

Exposes students to two major areas of inquiry: 1) how to successfully manage life at work, and 2) how to apply ethical concepts/tools related to the management of organizations. In doing so, it investigates ethical theories and their application in the workplace, as well as topics on how individuals and groups act within the organizations where they work including: employee attitude development, personality, motivation, group structure and dynamics, leadership, decision-making, and job design. Sophomores who have not taken the prerequisites may take the course with permission of the Dean. Prerequisites: Two courses in business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT), or ECON. (F,S,Y) 4 Credits

**MGMT 21200 Pop-Up Start-Up (NLA)**

Explores entrepreneurial and established business use of Pop-Ups and non-traditional venues as foundational elements of their business plan. Explores how trade shows and conventions, in some ways the ultimate pop-up, are used to aid business development. Opportunity to design and create a Pop-Up event. (S,Y) 2 Credits

**MGMT 21300 Hidden Entrepreneurs (NLA)**

Study of unique and unexpected entrepreneurs and how their entrepreneurial spirit helps drive American business. Focuses on a variety of businesses and businesspeople that embody the concept of entrepreneurship in different ways and forms, and in different types of organizations. Includes an in-depth study of one Hidden Entrepreneur through industry/category research and first-hand/direct interviews. (F,S,Y) 4 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) 4 Credits

**MGMT 22500 Business Models and the Art of Profitability (NLA)**

Covers the design and economic drivers for an array of 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 differences in an interactive classroom environment. (F,Y) 2 Credits

**MGMT 23000 Entrepreneurial Innovation (NLA)**

Learn how to generate ideas for a new business venture. 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. Hands-on and real world focus with emphasis on students preparing to launch real companies. (F,Y) 2 Credits

**MGMT 23500 Ideas into Action: Launching your Business Idea (NLA)**

Covers launching an entrepreneurial business by applying the best practices in starting new companies to your business idea. Provides a 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 to success. Opportunity to plan and communicate business model with a business pitch appropriate for presenting to experienced and successful alumni and community entrepreneurs. Prerequisites: MGMT 23000. (S,Y) 4 Credits

**MGMT 26000 Business Analytics and Technology I (NLA)**

Concepts and principles of business data analytics and the role analytics plays in business management. The focus is on business data analytics techniques. Students will use up-to-date data analytic tools and must demonstrate proficiency in the use of these tools as part of the course requirement. Prerequisites: MATH 14400 or MATH 14500 or PSYC 20700. (F,S,Y) 2 Credits

**MGMT 26100 Business Analytics & Technology II (NLA)**

Covers the concepts and principles of business data analytics and the role analytics plays in business management. Focuses on business data analytics techniques, including the creation of reports and dashboards for decisions makers using spreadsheet tool (Microsoft Excel). Culminates with required Microsoft Excel Certification exam. Prerequisites: MGMT 26000. (F,S) 2 Credits

**MGMT 29800 ITHACON: Promoting and Managing Conventions (NLA)**

Uses the creation and strategic planning of the long-running annual pop culture event, ITHACON, to explore tradeshow and conventions through this event specific to the entertainment business and the broader entrepreneurial world of pop culture. Focuses on analysis and planning for the upcoming ITHACON. (S) 4 Credits

**MGMT 30500 Data-Driven Management Decisions (NLA)**

Explores development of solid analytic practices using data from surveys and interviews. Students develop ability to assess the quality of knowledge derived from management research, 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 analyzed. Prerequisites: MGMT 20600; MATH 14400, MATH 14500, or PSYC 20700. (S) 4 Credits

**MGMT 31200 Leadership and Collaboration (LA)**

Focuses on the nature of leadership and power dynamics in modern organizations. Develops students' abilities to create and use sources of power and to create a climate for leadership and change. 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. 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) 4 Credits

**MGMT 34000 Human Resource Management (NLA)**

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. Challenges beliefs regarding organizational policies based on personal experiences and exposure. Examines a variety of perspectives to support a more complete picture of factors that must be considered in developing organizational human resource management policies. Prerequisites: Three courses in business or social sciences. (Y)

4 Credits

**MGMT 34500 Operations Management (NLA)**

An introduction to operations management 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. Prerequisites: MATH 10400, MATH 10800, or MATH 11100 and MATH 14400, MATH 14500, or PSYC 20700. (F,S,Y)

2 Credits

**MGMT 34600 Project Management (NLA)**

Covers key components of project management including project scope management, project time and cost management, quality management, human resource considerations, communications, risk management, and procurement management. Prepares students to take the Project Management Institute (PMI)'s "PMI Project Management Ready" certification exam. Prerequisites: MGMT 34500. (F,S)

2 Credits

**MGMT 36500 Intermediate Business Analytics (NLA)**

Provides background and skills necessary to analyze data, including big data, in support of decision making in the business environment. Covers foundations of business analytics, descriptive analytics, and predictive analytics. Computer-based tools (e.g., TABLEAU) incorporated throughout the course. Primary analytical foundation is the spreadsheet and, to a lesser extent, the database. Develops expertise in a) database technology such that forms and reports can be created and generated and b) advanced spreadsheet technologies to include use of dashboards. Prerequisites: MGMT 26000 and MGMT 26100. (S)

4 Credits

**MGMT 39100 Managing for Sustainability (NLA)**

Examines the challenge of maintaining sustainable business strategies while meeting the needs of various stakeholders. Investigates various models of business sustainability and how to integrate sustainability concerns into managerial functions. Prerequisites: MGMT 20600. (IRR)

2 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 34500. (F,S,Y)

Attributes: CP

4 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. 3 credits. (F,IRR)

3 Credits

**MGMT 46000 Leading Organizational Change (NLA)**

Capstone course for strategic leadership major. In-depth examination of the nature, strategies, models, and intervention activities associated with planned change efforts for organizational improvement. Builds 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 31200. (S,Y)

4 Credits

**MGMT 48100 Advanced Decision Making with Analytics (NLA)**

Provides a multidisciplinary perspective on analytics, applying a wide range of techniques in diverse settings. Employs 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. Content and exercises 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)

4 Credits

**MGMT 49600 Negotiations (NLA)**

Studies the art and science of securing agreements between two or more interdependent parties. Understanding the behavior and relationships of individuals, groups, and organizations in the context of cooperative and competitive situations. Building a negotiation skill set that can be used in a broad array of organizational situations and personal life. Experiential application of negotiation skills and analytic frameworks to create optimal solutions to problems. (S,Y)

2 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 6 credits 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 6 credits in the subject matter. Prerequisites: Dean permission. (B,F,S,IRR,U,Y)  
1-3 Credits

## Marketing (MKTG)

**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. Juniors who have not taken the prerequisites may take the course with permission of the Dean. Prerequisites: Three courses in business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT) or STCM, with at least one course at the 200-level. (F,S,Y)  
4 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)  
4 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. Explores 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. (B,Y)  
2 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. (IRR)  
2 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: MKTG 31200. (IRR)  
1-4 Credits

**MKTG 41100 Marketing Analytics I (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 and quantitative methods and application of latest software packages. Prerequisites: MATH 14400 or MATH 14500 or PSYC 20700 or TVR 26300 or STCM 28800; MKTG 31200. (F-S,Y)  
2 Credits

**MKTG 41200 Marketing Analytics II (NLA)**

Builds on material in Marketing Analytics I, exploring concepts in more depth. Focuses on impact of digital data acquisition and processing (big data), advanced monitoring tools, and advanced statistical techniques for correlation and clustering. Includes hands-on applications with appropriate statistical analysis and data visualization programs. Prerequisites: MKTG 41100. (B,Y)  
2 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)**

Capstone for marketing majors. Students identify and apply appropriate marketing concepts gained through earlier coursework. Analysis of actual and hypothetical marketing situations. Students react to or solve marketing problems by applying marketing concept, mix, and strategy, as well as a strategic perspective. Prerequisites: MKTG 31200; MKTG 32300; MKTG 41100. (S,Y)  
4 Credits

**MKTG 49100 Digital Marketing (NLA)**

Marketing concepts and strategies for the digital age. Exploration of the paradigm changes in marketing and the impact of digital communication technologies. Combining theory and practice to develop skills and strategies in using new media tools to achieve marketing objectives. Prerequisites: MKTG 31200. (F,S,Y)  
4 Credits



**MKTG 49700 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. (IRR)  
1-4 Credits

**MKTG 49701 Brand Management (NLA)**

Exploration of brand management, including the product and branding decisions that must be made to build, measure, manage, and maintain brand equity. Prerequisite: MKTG 31200. (IRR)  
2 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 8 credits may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Pass/fail only. Permission of Dean required. (F, S, SUM, W)  
1-8 Credits

**MKTG 49900 Independent Study: Marketing (NLA)**

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 6 credits in the subject matter. (B,F,S,IRR,U,Y)  
1-4 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, math placement assessment score of 0-45. (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 3 or higher, math placement assessment score of 46 or greater, 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 3 or higher, math placement assessment score of 46 or greater, or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (F,S,Y)  
Attributes: QL  
3 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 3 or higher, math placement assessment score of 46 or greater, or completion of MATH 10000 with a grade of C- or better. (F,S,Y)  
Attributes: QL  
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 higher, math placement assessment score of 76 or greater, 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 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 2 or higher, math placement assessment score of 54 or greater, 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 2 or higher, math placement assessment score of 54 or greater, 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, AN2, 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 3 or higher, math placement assessment score of 46 or greater, 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 3 or higher, math placement assessment score of 46 or greater, 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 3 or higher, math placement assessment score of 46 or greater, 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 15900 Introduction to R Computing Software (LA)**

An introduction to R, a free, open-access scientific computing platform that is especially good at statistics, including simulation, large data sets, and graphing. Focuses on the use of R by covering a variety of applied problems. Prerequisite: Math placement in group 2 or higher, math placement assessment score of 54 or greater. (F,Y)

1 Credit

**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 2 or higher, math placement assessment score of 54 or greater, or completion of MATH 11000 with a grade of C- or better. (F,S,Y)

Attributes: 2B, NS, SO, TIII, TWOS

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: ESE, 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 higher, math placement assessment score of 76 or greater, or completion of MATH 11000 with a grade of C- or better. (F,S,Y)

Attributes: NS

3 Credits

**MATH 18700 Introduction to Applied Linear Algebra (LA)**

Introduction to the objects and tools of applied linear algebra. Emphasis placed on computation, both by hand and with computer algorithms, and applications to modern and growing fields such as data science, machine learning, statistics, and computer science. Prerequisites: Math placement group 3 or higher, math placement assessment score of 46 or greater. (F,Y)

Attributes: QL

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: ESE, NS, QL  
3 Credits

**MATH 22100 Spatial Data Analysis with ArcGIS (LA)**

Provides an introduction to spatial data management, analysis, modelling and visualization, and their applications, with a focus on problem solving with a geographic information system. The context for applications in this course will mainly be environmental. The industry-standard ArcGIS software will be used. Prerequisites: MATH 14400, MATH 14500, MATH 21600, MATH 24600, or PSYC 20700. (S,Y)  
Attributes: ENRE, ESTS  
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 10800 with a grade of B or better or MATH 11100, MATH 18500, or MATH 18700 with a grade of C- or better. (S,Y)  
Attributes: NS  
3 Credits

**MATH 24000 Basic Statistics with R (LA)**

An introduction to R, a free scientific computing platform, as applied to basic statistics. Students learn how to manage data, create appropriate graphs, perform basic statistical tests (t-tests, chi-square, ANOVA, regression, etc), and compute confidence intervals. Additional topics include tests of assumptions (e.g., normality) and post hoc tests. Prerequisites: MATH 14400, MATH 14500, MATH 21600, MATH 24600, or PSYC 20700. (S,Y)  
1 Credit

**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 3-4 credit 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 34900 Interactive Graphics (LA)**

Introduces students to the creation of interactive and animated graphics for the visualization of data. Prerequisites: MATH 34800, or COMP 17100 and MATH 24600. (S,Y)

1 Credit

**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. Does not fulfill a required mathematics elective. This course may be repeated for credit for different studies. Prerequisites: Any MATH course at the 300-level (may be taken concurrently). (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 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 49200-49201 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. (IRR)  
Attributes: NS, UND  
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)**

An examination of the evolution of narrative film and television from the perspective of the screenwriter. The course will explore storytelling and the development of screenwriting from the dawn of cinema in the 1880s to the New Hollywood era of the 1960s. The focus of the course will be narrative works of fiction and not experimental or documentary media. Discussions will center on script writing elements such as structure, plot, character, theme, and dialogue. Weekly class screenings and readings will introduce students to important cinematic works and media milestones. Students will be expected to read and view additional content outside of class. (F)  
4 Credits

**MASS 10200 History of Narrative Film, Television, and Emerging Media Part II (LA)**

An examination of the evolution of narrative film, television, and emerging media from the perspective of the screenwriter. The course will explore the continued development of storytelling in film, television, and emerging media from the Golden Age of Television in the 1950s through the end of the millennium. The focus of the course will be narrative works of fiction and not experimental or documentary media and discussions will center on storytelling elements within films, shows, and emerging media, such as structure, plot, character, theme, and dialogue. 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. (S)  
4 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)  
4 Credits

**MASS 13400 Screenwriting (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)

4 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)

Attributes: PROD

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)

Attributes: PROD

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 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)

4 Credits

**MASS 23400 Writing the Short Film (LA)**

Theory and practice of screenwriting with emphasis on stories intended for short-form film and video production. Students will study examples of short screenplays and short films, further developing fundamentals of screenwriting, including visual storytelling, character and plot creation, dialogue, and the integration of themes. Students will engage heavily with the pre-writing process, participate in written and oral critiques of each other's work, and will complete an original short screenplay intended for production. Prerequisites: MASS 13400. (Y)

4 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. 4 credits. (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 or MASS 23600. (Y)

Prerequisites: MASS 23300 or MASS 23600. (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 Writing Speculative Fiction for the Screen (LA)**

An examination of the unique traits of Speculative Fiction and its subgenres: Science Fiction, Fantasy, and Horror. Students will explore the special processes that are involved in writing those genres for the screen while developing an original script representing either Horror, Science Fiction, or Fantasy. Prerequisites: MASS 23300 or MASS 23600. (IRR)

4 Credits

**MASS 33702 Writing the Adaptation (LA)**

An examination of the process of adapting material from literary sources to both short and feature-length screenplays. The class will study one novel and its adaptations, as well as several other properties that have been adapted to screenplay format. Working individually and in teams, students will develop multiple screenplay adaptations based on pre-existing material. Prerequisites: MASS 23300. (IRR)

4 Credits

**MASS 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; 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. (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. (Y)  
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. (Y)  
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. (Y)  
4 Credits

**MASS 43700 Thesis Writing for Film and Television (LA)**

Capstone workshop in the theory and practice of writing for film and television. Students work individually or in teams to create either a feature-length narrative screenplay or the pilot episode of a television series, with an emphasis on instructor and peer critique of works-in-progress. Prerequisites: MASS 33300 or MASS 33600. (Y)  
4 Credits

**MASS 49000 Internship: Writing for Film, Television, and Emerging Media (NLA)**

Jointly supervised work experience with a cooperating institution in the field of writing, film, television, or emerging media, 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. Total may not exceed 12 credits, including London and Los Angeles internships. (F,S,U,W)  
1-8 Credits

**MASS 49900 Independent Study: Writing for Film, Television, and Emerging Media (LA)**

Intensive study under the supervision of a faculty advisor. Topics of study may include the development of a script, screenplay, or other creative project, or investigation of a particular element of film, television, or emerging media content. Comprehensive research paper and/or creative project is required. (IRR)  
1-4 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. 2 credits. (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. 2 credits. (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. 2 credits. (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. 2 credits. (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. 2 credits. (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. (F,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. 2 credits. (F-S,Y)

2 Credits

**MSRT 49100 Music Recording Internship (NLA)**

Students work in an approved practicum environment such as a recording studio, postproduction facility, sound reinforcement company, or multimedia production or development company, applying theories and developing techniques learned previously. Prerequisites: MSRT 39100. (S,F,U)

1-12 Credits

**MSRT 49200 Senior Project (NLA)**

Students produce and master a portfolio of materials for presentation. Materials for the senior project may be drawn primarily from previously recorded projects but should involve additional work, such as final mastering, 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 music education philosophy and contemporary issues in music education. (F,Y)

Attributes: TE

1 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 10300 Vocal Techniques (NLA)**

Primarily for the instrumental music education major, this MUED course focuses on healthy vocal production and pedagogy in school music settings. Basics of singing and vocal development will be covered, as will the pedagogical uses of the voice in instrumental music education settings and personal connections to vocal music. (F,S)

1 Credit

**MUED 12700 Double Reed Methods (NLA)**

This course provides performance and pedagogy techniques for oboe and bassoon to prepare students as future music teachers and instrumental ensemble directors. (F,S)

1 Credit

**MUED 14000 Drum Set Methods (NLA)**

Drum set secondary instrument study for percussion music education students. Exploration of drum set musicianship, technique, coordination, instrument setup/maintenance, repertoire development, and teaching methods. (IRR)

1 Credit

**MUED 14100 Percussion Methods (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. (F,S)

1 Credit

**MUED 14700 String Methods I (NLA)**

This course is designed to provide string music education majors with strategies for teaching and playing string instruments as future music teachers and instrumental ensemble directors. Focus is placed on NYSSMA Levels 1 & 2 (beginning) performance standards for the violin, viola, cello, and double bass. (S)

2 Credits

**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 20900 String Techniques (NLA)**

This course is designed to provide the non-string music education major with strategies for teaching and playing string instruments as future music teachers and instrumental ensemble directors. (F,S)

1 Credit

**MUED 21100 Band Techniques (NLA)**

This course is designed to help students develop knowledge of woodwind, brass, and percussion techniques as future music teachers and instrumental ensemble directors. (F,S)

2 Credits

**MUED 23000 Brass Methods (NLA)**

This course provides performance and pedagogy techniques for brass instruments to prepare students as future music teachers and instrumental ensemble directors. (F,S)

2 Credits

**MUED 23100 Woodwind Methods (NLA)**

This course provides performance and pedagogy techniques for woodwind instruments to prepare students as future music teachers and instrumental ensemble directors. (F,S)

2 Credits

**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 24700 String Methods II (NLA)**

This course is a continuation of MUED 14700: String Methods I and is designed to provide string music education majors with strategies for teaching and playing string instruments as future music teachers and instrumental ensemble directors. Focus is placed on NYSSMA Levels 3 & 4 (intermediate) performance standards for the violin, viola, cello, and double bass. Prerequisites: MUED 14700. (S)

2 Credits

**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. (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 30000 Diversity, Equity and Inclusion in Music Education (NLA)**

An examination of diversity, equity and inclusion in music education with special attention paid to public education in K-12 contexts. Topics address age-appropriate classroom music selection, pedagogical approaches, curriculum planning, assessment strategies, and arts integration. Students explore a balance of research and practice with an emphasis on expanding their skills and understandings for inclusive music education practices aimed to serving diverse populations. (F,S)

2 Credits

**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)**

This course explores topics relating to the implementation of a successful school orchestra music program, including rehearsal techniques for teaching NYSSMA Levels 1-6 orchestral repertoire, philosophical issues, national and state standards, administrative duties, evaluation, assessment, recruitment techniques, ensemble classroom management, and advocacy/parent relations. The course also serves as a forum for field experience questions and issues. Corequisites: MUED 37100. Prerequisites: MUED 24700. (F)

Attributes: TE

2-3 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. 1 credit. (S)

Attributes: TE

1 Credit

**MUED 36400 General Music Methods (NLA)**

In this course, students will examine specific approaches to general music teaching in the context of content, lesson, and curriculum development. Classroom management and logistics, teaching language, and strategies for student engagement are a part of this course.

Additionally, students will also learn to play a selection of classroom instruments and the appropriate pedagogies for teaching these instruments to children. Prerequisites: MUED 10100 and MUED 26700. (FS)

2 Credits

**MUED 36800 Choral Methods (NLA)**

The study and practical application of materials and techniques for teaching choral music in elementary, middle, and high school. Special consideration is given to music for the changing-voice choir. Additional topics include observation, discussion, practice, and planning of choral programming, choral classrooms, and choral programs. (FS)

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)**

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. Students learn techniques for teaching woodwind, brass, and percussion instruments in private, small group and large ensemble settings. Also a forum for field experience questions and issues.

Corequisites: MUED 37100. Prerequisites: MUED 10100; MUED 23000; MUED 23100. (F)

Attributes: TE

2-3 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 39500 Emerging Practices in Music Education (NLA)**

This course examines future possibilities in music education. In particular it focuses in on emerging practices in K-12 and community music contexts. Topics center on music teacher education, student learning in facilitated environments, learner-led and informal/non-institutionalized environments. Students will explore a balance of research and practice with an emphasis on pedagogical possibilities in innovative and inclusive music education. Prerequisites: MUED 10100. (IRR)  
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. This is a capstone experience including significant student reflection and synthesis of prior coursework. (F,S)  
Attributes: CP  
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 10300 West African Drumming and Dance Ensemble (NLA)**

This course explores the traditions of West African music through active performance of drumming, singing, and dancing. Students investigate specific musical styles and traditions directly on authentic African musical instruments, and also analyze social functions and dance movements in ritual, ceremonial, religious, and recreational contexts. Students are expected to participate in the final group performance at the end of the semester. Open to all students at Ithaca College. (Y)  
0.5 Credit



**MUEN 10500 Wind Ensemble (NLA)**

A select wind and percussion ensemble with an active program of concerts scheduled throughout the school year. Open to any student who can qualify through audition. (F,S)

1 Credit

**MUEN 10600 Concert Band (NLA)**

A wind and percussion ensemble open to any student who can qualify through audition. Several concerts are scheduled each semester. (F,S)

1 Credit

**MUEN 10700 Wind Symphony (NLA)**

A wind and percussion ensemble open to any student who can qualify through audition. Several concerts are scheduled each semester. (F,S)

1 Credit

**MUEN 10800 Choir (NLA)**

A select choral ensemble with an active performance schedule. Open to any student who can qualify through audition. A commitment for both fall and spring semesters is recommended. (F,S)

1 Credit

**MUEN 10900 Chorus (NLA)**

A large choral ensemble open to any student who can qualify through audition. Several concerts are scheduled each semester. (F,S)

1 Credit

**MUEN 11000 Treble Chorale (NLA)**

A choral ensemble open to all students with treble voices who can qualify through audition. Several concerts are scheduled each semester. A commitment for both fall and spring semesters is required. (F,S)

1 Credit

**MUEN 11100 Symphony Orchestra (NLA)**

The orchestra is open to any student who can qualify through audition. An active program of concerts is scheduled each semester. (F,S)

1 Credit

**MUEN 11200 String Orchestra (NLA)**

A select string ensemble open to any student who can qualify through audition. Several concerts are scheduled each semester. (IRR)

0.5 Credit

**MUEN 11300 Madrigal Singers (NLA)**

A select vocal chamber ensemble with an active performance schedule. Open to any student who can qualify through audition. (F,S)

0.5 Credit

**MUEN 11400 Contemporary Chamber Ensemble (NLA)**

The rehearsal and performance of chamber music written in the 20th and 21st centuries, with emphasis placed on recently composed works. (F,S)

0.5 Credit

**MUEN 11500 Guitar Ensemble (NLA)**

Performance situations for small guitar ensembles of varying combinations. Open to any student who can qualify through audition. (F,S)

1 Credit

**MUEN 11700-11800 The Pianist as Collaborator (NLA)**

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. (F)

1 Credit

**MUEN 11900 Jazz Ensemble (NLA)**

A select jazz ensemble open to any student who can qualify through audition. Several concerts are scheduled each year. (F,S)

1 Credit

**MUEN 11901 Jazz Repertory Ensemble (NLA)**

Experience in jazz ensemble playing. Open to any student who can qualify through audition. Several concerts are scheduled each year. Focus on foundational big band repertoire. (F,S)

0.5 Credit

**MUEN 11902 Jazz Lab Band (NLA)**

Experience in jazz ensemble playing. Open to any student who can qualify through audition. Several concerts are scheduled each year. Designed to introduce the basics of jazz to students with little or no previous jazz experience. (F,S)

0.5 Credit

**MUEN 12100 Ithaca College Chamber Orchestra (NLA)**

The Ithaca College Chamber Orchestra is a smaller ensemble, flexible in size and instrumentation that performs repertory from a wide range of periods and styles. Participation is open to any student who can qualify through audition. (IRR)

0.5-1 Credits

**MUEN 12200 Tuba/Euphonium Ensemble (NLA)**

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 (NLA)**

Study, rehearsal, and performance of standard brass choir literature and orchestral works. Open to any student who can qualify through audition. (IRR)

0.5 Credit

**MUEN 12400 Trombone Ensemble (NLA)**

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 Credit

**MUEN 12500 Jazz Vocal Ensemble (NLA)**

A select jazz chamber ensemble for singers and instrumentalists. Open to any student who can qualify through audition. An active program of concerts is scheduled each semester. (F,S)

1 Credit

**MUEN 12501 Jazz Vocal Repertory Ensemble (NLA)**

Experience in jazz vocal ensemble singing for any student who can qualify through 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. (IRR)

0.5 Credit

**MUEN 12600 Trumpet Ensemble (NLA)**

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 (NLA)**

Ensemble experience and exposure to contemporary percussion literature. Several concerts are scheduled each semester. Open to any student who can qualify through audition. (F,S)

1 Credit

**MUEN 12800 Early Music Performance Practice Ensemble (NLA)**

Ensemble experience and exposure to Early Music Literature. Several concerts are scheduled each semester. Open to any student who can qualify through audition. (IRR)

1 Credit

**MUEN 12900 Improvisation Ensemble (NLA)**

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. (IRR)

0.5 Credit

**MUEN 13100 Fundamentals of String Chamber Music (NLA)**

An introduction to fundamental string chamber music skills, including developing group pulse, cueing, tone and articulation matching, pitch centering, dynamics, and balance. Students will also develop rehearsal and communication techniques and learn how to make interpretive and stylistic decisions as an ensemble. The course also supports the development of performance skills, including stage presence. (F,S)

1 Credit

**MUEN 14000 Musical Pit Orchestra (NLA)**

Rehearsal and performance-based ensemble that serves as orchestral accompaniment to the Fall or Spring Musical Theatre productions. (F,S)

0.5-1 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 1 credit, vocalists enroll for .5 credit. (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 1 credit, instrumentalists enroll for .5 credit. (S)

0.5-1 Credits

**MUEN 22100 Chamber Music Masterclass (NLA)**

A weekly chamber music masterclass. Weekly performances of chamber music literature in workshop/masterclass settings. Students have a chance to hear other groups perform in small groups and engage in faculty-led feedback. This modality allows for mixed instrumentation and small groups combinations of a more experimental nature. (F,S)

0.5 Credit

**MUEN 30300 Piano Ensemble (NLA)**

Study and performance of music for piano: four hands, one and two pianos, and eight hands, two pianos. Prerequisites: PFMJ 20300 or by audition. (S)

1 Credit

**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. Prerequisites: MUEN 21800 or by audition. (Y)

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. Prerequisites: MUEN 21800 or by audition. (Y)

0.5-1 Credits

**MUEN 32000 Lyric Theatre Ensemble (NLA)**

Performance centered studio class focused on studying, rehearsing, analyzing, and performing scenes and/or arias from the staged vocal repertoire, including, but not limited to, opera, operetta, musical theater, oratorio, art song, and cabaret. Through this process topics such as lyric diction, acting, auditioning, lyric theater's social and political relevance, style, and performance practice will be explored. Permission of instructor required based on audition results. (F,S)

1 Credit

**MUEN 32100 Chamber Music (NLA)**

Study, rehearsal, and performance of a broad spectrum of chamber music. Groups receive seven 1-hr. private lessons. (F,S)

0.5 Credit

**MUEN 32300 Chamber Music Performance (NLA)**

Study, rehearsal, and performance of a complete, significant, or large work for chamber group. Groups receive fourteen 1-hr. private lessons. (F,S)

1 Credit

**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; 0-1 credit 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. 1 credit. (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 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.

2 credits. (FB)

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. Prerequisites: MUPS 12000. (S,Y)

1 Credit

**MUPS 13000 Wind/Brass/Percussion Excerpts and Reading (NLA)**

An integral class to BM Performance degree in wind/brass/percussion. Students meet regularly in wind/brass/percussion section to rehearse repertoire with a faculty coach. Weekly preparation of individual parts is required for the students in pursuit of improving section-playing and ensemble skills while building knowledge of repertoire. (FS)

0.5 Credit

**MUPS 14000 Selected Topics: Woodwind Forum (NLA)**

Engage in an in-depth discussion and analysis of selected topics for woodwind instruments. Primary focus will be on pedagogy and literature, but other topics will be covered as are pertinent to the various woodwind instruments. Topics will rotate to cover the broadest and most current range of materials. (IRR)

1-2 Credits

**MUPS 14100-14103 Selected Topics: Brass Forum (NLA)**

Engage in an in-depth discussion and analysis of selected topics for brass instruments. Primary focus will be on pedagogy and literature, but other topics will be covered as are pertinent to the various brass instruments. Topics will rotate to cover the broadest and most current range of materials. (IRR)

1-2 Credits

**MUPS 14200 Selected Topics: String Forum (NLA)**

Engage in an in-depth discussion and analysis of selected topics for string instruments. Primary focus will be on pedagogy and literature, but other topics will be covered as are pertinent to the various string instruments. Topics will rotate to cover the broadest and most current range of materials. (IRR)

1-2 Credits

**MUPS 14300 Selected Topics: Vocal Forum (NLA)**

Engage in an in-depth discussion and analysis of selected topics for the voice. Topics will rotate to cover the broadest and most current range of materials. (IRR)

1-2 Credits

**MUPS 15000 Reed Making Lab (NLA)**

This lab for double reed students complements private instruction and develops proficiency and consistency in reed construction, finishing, and adjusting. The course examines the botanical, physiological, and mechanical contributions to reed making and formulates a personalized reed model consistent with each individual's needs. (FS)

0.5-1 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 23000 Percussion Pedagogy (NLA)**

Engage students in discussion, analysis and the practice of teaching percussion in a studio setting. Explore planning for master classes/lessons, pedagogical literature, structuring curriculum, setting up a home studio, teaching methods, and experience sample lessons. Serves as preparation for students who wish to teach outside of/in addition to public-school teaching. (IRR)

1 Credit

**MUPS 24000 Guitar Forum (NLA)**

Engage in an in-depth study of selected topics such as foundations of guitar pedagogy, transcriptions and arrangements, Latin American sources for guitar music, and 18th c. performance practice. (IRR)

1-2 Credits

**MUPS 25000 Conducting I (NLA)**

A conducting course designed to introduce the basic skills required of a conductor. Topics covered will include gesture and baton technique, score reading and study, non-verbal and verbal communication, and critical listening skills. One of the secondary, but essential, goals of this course is comprehensive musicianship and ensemble skills. Understanding conducting and score study cultivates a musical awareness that enhances analytical, interpretative, and performance skills. (F,S)

2 Credits

**MUPS 25500 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. (B,F,S)

1 Credit

**MUPS 27300 Music Recital (NLA)**

A solo or shared public recital. Full recitals (approximately one hour in length) are normally 1 or 2 credits. Shared or shorter programs are normally .5 - 1 cr. (F,S)

0.5-2 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 31000 Conducting II (NLA)**

An intermediate conducting course consisting of review, refinement, and progression of foundational skills studied in MUPS 25000. Emphasis will be placed on the development of skills within the following categories: 1) Score Study, Musical Interpretation and Internalization 2) Nonverbal and Verbal Communication and 3) Listening Skills and Rehearsal Practices.

Prerequisites: MUED 30100 or MUED 30300 or MUPS 25000. (F,S)

2 Credits

**MUPS 32000 The Singing Performer IV: Lyric Theatre Workshop (NLA)**

Sing Performer IV: Lyric Theatre Workshop is designed to build and practice skills necessary to prepare and perform staged vocal repertoire. Repertoire will often focus on opera, but could include operetta, musical theater, oratorio, art song, cabaret and more. Permission of instructor required based on audition results. (F,S)

1 Credit

**MUPS 33000 Survey of Percussion Literature (LA)**

Listen to, research, analyze and connect compositions featuring percussion (solo, chamber, ensemble). Student and faculty presentations will introduce pieces in quasi-chronological order to provide context, along with weekly listening and regular research. (E,F)

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 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. Class meetings: Two hours per week for one block. Prerequisites: Two semesters of private lessons at level 2. (F,S)

1 Credit

**MUPS 36300 Junior Recital Vocal Coaching and Lab (NLA)**

The next level of the singer's collaborative sequence builds on the foundation of MUEN 21700 Piano/Vocal Collaboration. Further development and artistic application of collaborative partnership and musicianship skills. Specific repertoire is assigned by the student's studio teacher in preparation of their junior recital. Individual coaching times are scheduled in addition to regular class meetings. Prerequisites: MUEN 21700. Corequisites: PFMJ 30100. (F,S)

1 Credit

**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 42000-42010 Selected Topics in Art Song Literature (NLA)**

Changing topics in art song literature and performance practice.

Prerequisites: PFMJ 30100 or PFMJ 30300. (IRR)

1 Credit

**MUPS 45500 Vocal Pedagogy : 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. (Y)

2 Credits

**MUPS 46300 Senior Recital Vocal Coaching and Lab (NLA)**

The last level of the singer's collaborative sequence continues the work from Piano/Vocal Collaboration and Junior Recital Vocal Coaching and Lab, culminating in the performing student's capstone experience. Students further develop and apply artistry in collaborative partnership, musicianship, and interpretive skills. Specific repertoire is assigned with the guidance of the student's studio teacher in preparation of their senior recital. Prerequisites: MUPS 37300. (F,S)

1 Credit

**MUPS 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)

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)

Attributes: CP

2 Credits

**MUPS 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: Prior or concurrent registration in PFMJ 44700. (Y)

1 Credit

**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 10101 Fundamentals of Music Theory**

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 11100 Introduction to Music Studies (LA)**

An introduction to aural, notated, cultural, analytical, and technological approaches to music, setting the stage for a wide range of future music studies at the college level. Students learn about the elements of music and apply this knowledge to aurally analyze music representing diverse styles, contextualized within cultural traditions. Students develop fluency in reading, recognizing, and writing elements of Western staff notation. Students explore how technology can manipulate, analyze, notate, compose, and record music. Students cultivate productive and responsible study habits that are essential for success in the School of Music, Theatre, and Dance. #Intended for first-year students. (F,Y)  
4 Credits

**MUTH 11200 Strategies for Success in Music Studies (LA)**

Designed for students who attempted and did not successfully complete Introduction to Music Studies. In addition to building essential musical skills necessary for success in Music Theory, Aural Skills, and Music in Context classes, helps students identify their barriers to success and supports growth in skills such as time management, organization, and resilience. Intended for first-year students. Permission of instructor required. (S,Y)  
2 Credits

**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 12300 Music Theory I (LA)**

In this course, we will examine how tonal music expresses opening, development, and closure. To this end we will analyze musical excerpts and complete pieces, communicate analytical interpretations through prose, compose voice-leading paradigms in two and four parts, and aurally identify theme types, harmonic progressions, and formal sections. Prerequisites: MUTH 11100 or MUTH 11200. (F,S,Y)  
3 Credits

**MUTH 12600 Aural Skills I (LA)**

Development of musical skills through vocalizing prepared and unprepared material, melodic and rhythmic dictation, corrective listening, and vocal/keyboard exercises. Uses moveable DO solfège syllables in the major and minor modes in treble, alto, and bass clefs. Uses Takadimi beat-level rhythm syllables in simple, compound, and changing meters, including first and second divisions of the beat, fundamental rhythm patterns, and complementary rhythm. A minimum grade of C-minus must be earned to advance on to Aural Skills II. (F,S,Y)

2 Credits

**MUTH 12601 Aural Skills I - Honors (LA)**

A more in-depth study of the material covered in MUTH 12600. Registration is based on placement testing. Development of musical skills through vocalizing prepared and unprepared material, melodic and rhythmic dictation, corrective listening, and vocal/keyboard exercises. Uses moveable DO solfège syllables in the major and minor modes in treble, alto, and bass clefs. Uses Takadimi beat-level rhythm syllables in simple, compound, and changing meters, including first and second divisions of the beat, fundamental rhythm patterns, and complementary rhythm. A minimum grade of C-minus must be earned to advance on to Aural Skills II. Registration is based on placement testing. (F,S,Y)

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 22400 Music Theory II (LA)**

In this course we will examine the harmonic function and stylistic conventions of chromatic harmony in common-practice tonality. We will explore how chromatic harmony is used in musical forms from the phrase level to complete pieces in binary and ternary form. We will refine and continue study of music analysis begun in Music Theory I, including relationships between harmony, formal design, and texture to create areas of stability and instability. Prerequisites: MUTH 12300. (F,S,Y)

3 Credits

**MUTH 22500 Aural Skills II (LA)**

Continued development of basic musical skills learned in MUTH 12600 or MUTH 12601. 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. Rhythmic materials include anacrusic phrasing, syncopation, and changing meter. A minimum grade of C-minus must be earned to advance on to Aural Skills III. #Prerequisites: Grade of C- or above in MUTH 12600 or MUTH 12601. (F,S)

2 Credits

**MUTH 22501 Aural Skills II - Honors (LA)**

A more in-depth study of the material covered in MUTH 22500.

Continued development of basic musical skills learned in MUTH 12600 or MUTH 12601. 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. Rhythmic materials include anacrusic phrasing, syncopation, and changing meter. A minimum grade of C-minus must be earned to advance on to Aural Skills III. #Permission of instructor required. (F,S,Y)

2 Credits



**MUTH 22600 Aural Skills III (LA)**

Development of advanced musical skills, building on skills from MUTH 22500 or MUTH 22501. Continued exploration of chromaticism through secondary dominant chords and modulation (both closely and distantly related). Introduction to 20th-century materials including modal melodies, whole tone and octatonic collections, and pitch-centric post-tonal melodies. Rhythmic materials include irregular division of the beat, asymmetric meters, common triplets, polyrhythms, and advanced tempo/meter modulation. A minimum grade of C-minus must be earned to successfully complete a music major. Prerequisites: Grade of C- or above in MUTH 22500 or MUTH 22501. (F,S,Y)

2 Credits

**MUTH 22601 Aural Skills III -- Honors (LA)**

A more in-depth study of the material covered in MUTH 22500 or MUTH 22501. Continued exploration of chromaticism through secondary dominant chords and modulation (both closely and distantly related). Introduction to 20th-century materials including modal melodies, whole tone and octatonic collections, and pitch-centric post-tonal melodies. Rhythmic materials include irregular division of the beat, asymmetric meters, common triplets, polyrhythms, and advanced tempo/meter modulation. A minimum grade of C-minus must be earned to successfully complete a music major. Permission of the instructor required. Prerequisites: MUTH 22501 or MUTH 22500. (F,S,Y)

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 25300 Music in Context: The Academy, the Temple, and the Palace (LA)**

An investigation of music in social and historical contexts. Using a case study approach, we will study institutional structures that encourage, support, inspire, require, regulate, or control music, and the musical practices that have taken place within these structures. Focuses on music in places of learning and study, in religious contexts, and in political or governmental contexts. Invites inquiry into how performers, audiences, impresarios, financiers, inventors, composers, and technologies shape musical practices, and how these musical practices shape our identities. Prerequisites: MUTH 11100 or MUTH 11200. (F,Y)

3 Credits

**MUTH 25400 Music in Context: The Stage, the Home, and the Marketplace (LA)**

An investigation of music in social-historical contexts. Using a case study approach, we will study institutional structures that encourage, support, inspire, require, regulate, or control music, and the musical practices that have taken place within these structures. Focuses on music for the public stage, the domestic sphere, and in the marketplace. Invites inquiry into how performers, audiences, impresarios, financiers, inventors, composers, and technologies shape musical practices, and how these musical practices shape our identities. Prerequisites: MUTH 11100 or MUTH 11200. (S,Y)

3 Credits

**MUTH 25500 History and Literature of Music I (LA)**

Examination of musical practices, styles, social institutions, and cultural events from approximately 1000 to 1750. Using a case method pedagogy, this class studies narratives about specific moments in time in order to develop critical musicological skills. Students will be actively participating in the creation of knowledge through inquiry and research related to each case study. Prerequisites: Any MUTH course. (F)

Attributes: 3B, G, H, HU

3 Credits

**MUTH 25600 History and Literature of Music II (LA)**

Examination of musical practices, styles, social institutions, and cultural events from approximately 1750 to 1900. Using a case method pedagogy, this class studies narratives about specific moments in time in order to develop critical musicological skills. Students will be actively participating in the creation of knowledge through inquiry and research related to each case study. 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 35300-35312 Selected Topics in Music Studies (LA)**

Selected Topics in Music Studies provides students with the opportunity for in-depth academic study in any area of music including but not limited to music history, music theory, composition, ethnomusicology, or some combination thereof, and will build on material discussed in Music Theory I and II; Music in Context: The Academy, the Temple, and the Palace; Music in Context: The Stage, the Home, and the Marketplace; and Aural Skills I – III. #Possible topics include The American Avant-Garde: Analysis of Contemporary Opera; Stylistic Composition. Prerequisites: MUTH 22400 and MUTH 25300 or MUTH 25400. (F,S,Y)

3 Credits

**MUTH 35400-35412 Selected Topics in Music Studies (WI) (LA)**

This course provides students with the opportunity for in-depth academic study in any area of music including but not limited to music history, music theory, composition, ethnomusicology, or some combination thereof, and will build on material discussed in Music Theory I and II, Music in Context I and II, and Aural Skills I – III. # Students 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. Possible topics include The American Avant-Garde: Analysis of Contemporary Opera; Stylistic Composition. Prerequisites: MUTH 22400 and MUTH 25300 or MUTH 25400 and WRTG 10600 or ICSM 10800 or ICSM 11800. (IRR)

Attributes: WI

3 Credits

**MUTH 35500 History and Literature of Music III (LA)**

Examination of musical practices, styles, social institutions, and cultural events from approximately 1900 to today. Using a case method pedagogy, this class studies narratives about specific moments in time in order to develop critical musicological skills. Students will be actively participating in the creation of knowledge through inquiry and research related to each case study. 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 and MUTH 23300 or MUTH 23301. (F,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 11000 Notes and Keys (LA)**

Master foundational skills for first-year musicianship courses for music majors and musical theatre majors. This course allows students to advance their music literacy skills while learning basic vocal and keyboard performance techniques, even without access to a keyboard. Students have the option to complete extra activities. (U,W,Y)

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 4 credits. (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 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 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 Music Recital (NLA)**

A solo or shared public recital. Full recitals (approximately one hour in length) are normally 1 or 2 credits. Shared or shorter programs are normally .5 - 1 cr. (F,S)

0.5-2 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. Class meetings: Two hours per week for one block. Prerequisites: Two semesters of private lessons at level 2. (F,S)

1 Credit

**MUMC 35500 Composition for Multimedia (LA)**

This course offers a theoretical and practical introduction to the art and craft of composition for multimedia. It comprises lectures on theoretical aspects of sound and image and their relationship, as well as practical, hands-on projects in various media. Students will develop skills in underscoring for film and scoring for gaming and other interactive media using appropriate compositional techniques and strategies. Students will learn to use technology that effectively integrates sound and visual media, making use of special effects informed by audiovisual literature and psychoacoustics. Students meet for one lecture and one lab per week. Prerequisites: MUMC 14500 and MUTH 11100 or MUTH 11200. (E,F)

2 Credits

**MUMC 35700 Creative Sound Design (LA)**

This course focuses on the theoretical and practical study of creative sound design through exploring software and hardware and applying electronic music composition processes and techniques. Topics include the history, theory, aesthetics, repertoire, and practice of electronic music, as well as studio techniques and copyright principles. Students will complete practical and theoretical projects and use a variety of Digital Audio Workstations. The course will meet for one lecture and one lab a week. Prerequisites: MUMC 14500. (F,O)

2 Credits

**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. 2 credits. (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 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 : 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. (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)  
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 String Literature and Practices (LA)**

The study of string literature from the 17th century through the present. 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. (IRR)  
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 10000 Introduction to Occupational Therapy (NLA)**

Explore how practitioners in the field of occupational therapy use purposeful activity to promote health and wellness at individual and population levels. Investigate current areas of practice for occupational therapists and explore the historical roots of the profession. (S,Y)

1 Credit

**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)**

Explore developmental theories as they pertain to child development and childhood occupations. Study how children develop by examining theories and principles pertaining to the development of cognition, social and emotional behaviors, sensorimotor skills, play skills, and social identities. Apply developmental theories to developmental patterns and observations of children. Prerequisites: OTBS 10000. (F,S,Y)

Attributes: 1

3 Credits

**OTBS 20200 Human Development II (LA)**

Explore theories and factors influencing typical developmental progression from adolescence through older adulthood. Study how adolescents and adults develop by examining theories and principles pertaining to the development of cognition, social and emotional behaviors, sensorimotor skills, and social identities. Examine self-care, work, play, and leisure occupations related to development and role performances through older adulthood. Prerequisites: OTBS 20100. (F,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, or EXSS 12000 and EXSS 12100 with a C or higher. (U,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: 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; 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 10000 Private Studio Performance Class (NLA)**

A weekly performance class for students enrolled in PFMJ XXX00 Private Study. Functions as a lab for the private lesson. (F,S)

0 Credit

**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." (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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). (F,S)

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. (F,S)

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. (F,S)

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 11702 Classical Guitar I-Secondary (NLA)**

Technique: Scales (Segovia), scale playing in rhythmic patterns, arpeggios, slurs, trills, etc., studies by Milan, Besard, Sor, Aguado, Tarrega, Villa-Lobos, Barrios, etc. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (FS)

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. Bozza, Aria; P. Lantier, "Sicilienne"; B. Heiden, Sonata; P. Hindemith, Sonata; W. Schmidt, Sonatina; and various chamber works. (FS)

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. 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. 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. (FS)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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"; Cimer, "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. (F,S)

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"; Cimer, "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"; Cimer, "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. (F,S)

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)

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 Credit

**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." (F,S)

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. (F,S)

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. (F/S)

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. (F/S)

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. (FS)

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. (FS)

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. (FS)

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. (FS)

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." (F,S)

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. (F,S)

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*. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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 Credit

**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." (F,S)

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. (F,S)

1-5 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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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." (F,S)

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. (F,S)

1-5 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. (F,S)

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. (F,S)

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)

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. (F,S)

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. (F,S)

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." (F,S)

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." (F,S)

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)

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. (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. (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. (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. (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. (F,S)

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. (F,S)

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. (F,S)

1-4 Credits

**PFMJ 44100 Tuba IV - Music Majors (NLA)**

Technique including W. Bell, "Tuba Warmups" (part 2); Blazevich, "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); Blazevich, "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. (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. (F,S)

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. (F,S)  
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." 1 credit. (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." 1 credit. (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." 0.5-1 credit. (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." 0.5 credit. (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 Skills for the Music Classroom (NLA)**

Continued development of keyboard skills addressed in PFSM17200. Emphasis is placed on developing keyboard technical facility and skills appropriate for students who will be teaching in elementary and general music classrooms. Accompanying basal songs, creating accompaniments from chord symbols, sight-reading, and improvisation are examples of the types of skills the course will address. Prerequisites: PFSM 17200. (F,S)

1 Credit

**PFSM 27400 Advanced Keyboard Musicianship Skills for the Music Classroom (NLA)**

Building on skills developed in PFSM 27300, this course emphasizes developing technical facility and keyboard skills appropriate for those who will be teaching in more advanced choral ensemble settings. Using the piano to lead warm-ups, playing parts from open score, arranging and performing choral and vocal piano parts, are examples of the types of skills the course will address. Prerequisites: PFSM 27300. (S)

1 Credit

**PFSM 27500 Keyboard Musicianship III (NLA)**

A continuation of keyboard technical and musical skills introduced in PFSM17100 and PFSM17200. Emphasis will be placed on advancing keyboard technique particularly useful for a composer and best developed in a group setting modality. Basic keyboard technique will continue to be advanced as well as specific attention on sight reading and learning the various keyboard styles of composers of piano music from the past through present day. Students will apply their knowledge of keyboard style through composing and improvising short works in those styles. Prerequisites: PFSM 17200. (F)

1 Credit

**PFSM 27600 Keyboard Musicianship IV (NLA)**

A continuation of keyboard technical and musical skills introduced in PFSM 27500. Emphasis will be placed on advancing keyboard technique particularly useful for a composer and best developed in a group setting modality. Basic technique will continue to be advanced as well as specific attention on sight reading and learning the various keyboard styles of composers of piano music from the past and present day. Students will apply their knowledge of keyboard style through composing and improvising short works in those styles. Prerequisites: PFSM 27500. (S)

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, early modern, or contemporary works. (F,S,Y)

Attributes: HM, LMSP, LSCO, TIDE, TMBS

4 Credits

**PHIL 17500-17502 Selected Topics in Philosophy (LA)**

Topics to be determined according to teacher and student interest. This course may be repeated when topics vary, for a total of eight credits.

(IRR)

4 Credits

**PHIL 20300 Introduction to Logic (LA)**

An introductory treatment of contemporary symbolic logic. Topics include argument structure, validity/invalidity, an exploration of formal propositional logic including truth-functions and formal proofs, and an exploration of elementary quantificational logic including interpretations and formal proofs. Prerequisites: One 3-4 credit liberal arts course. (F,S,Y)

Attributes: ESTS, HM, LMEL, LMSP, LSCO, QL, TIII, TWOS

4 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. Additionally, time will be spent questioning the assumptions made by classical rational choice theory and considering alternatives. Prerequisites: One 3-4 credit liberal arts course. (F,S,Y)

Attributes: QL

4 Credits

**PHIL 20800 Puzzles and Paradoxes (LA)**

This course provides an overview of some famous paradoxes and attempts to resolve them. We explore how some of the central historical paradoxes, like Zeno's paradoxes of motion, have brought about revolutionary advances in our thought. Central issues in philosophy of language, logic, metaphysics, decision theory, epistemology, and ethics will be introduced through the study of these paradoxes. Prerequisites: One 3-4 credit liberal arts course; WRTG 10600 or ICSM 10800. (IRR)

Attributes: WI

4 Credits

**PHIL 20900 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 3-4 credit liberal arts course. (O,S)

Attributes: CSA

4 Credits

**PHIL 21200 Introduction to Ethics (LA)**

Introduction to the problems and theories of ethical thinking. Is there a right thing to do, and how can we tell what it is? Competing answers to these questions are examined, such as virtue-based approaches, consequentialist approaches, and Kantian approaches. Application of these approaches to current issues related to equality, harm, and truth-telling are explored. Readings selected from both classical and modern sources. Prerequisites: One 3-4 credit liberal arts course. (Y)

Attributes: HM, LMEL, LMSP, LSCO, TIDE

4 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 3-4 credit liberal arts course. (IRR)

Attributes: HM, LMEL, LMSP, LSCO, TPJ

4 Credits

**PHIL 22300 Introduction to the Philosophy of Art (LA)**

An overview of the historically significant problems and movements in the aesthetics and philosophy of art, addressing questions such as the source of value of art, its relationship to social and psychological functioning, and its cultural and historical significance. Prerequisites: One 3-4 credit liberal arts course. (IRR)

Attributes: HM, TIII

4 Credits

**PHIL 23000 Bioethics (LA)**

This introductory course in bioethics focuses on ethical and philosophical issues that arise in today's medicine. Topics include ethical, religious, and legal aspects of abortion, end of life issues, ethical boundaries of assisted reproductive technology (for example, genetic enhancement and reproductive cloning), allocation of scarce medical resources, and ethical issues related to disability. The course aims to relate these applied issues in today's medical ethics to philosophical concepts such as 'autonomy', 'benefit', 'harm', 'justice', and 'empathy'. (S)

Attributes: ENHU, ENVE, ESHU, HM, LMEL, LMSP, LSCO, TMBS

4 Credits

**PHIL 24000 Philosophy of Film (LA)**

Exploration of various issues in contemporary philosophy of film. The course considers the questions and problems that arise when we consider film as both a distinctive art form and a political, social, public medium. Prerequisites: One 3-4 credit liberal arts course. (IRR)

Attributes: ENHU, ESHU, MAP, SCE

4 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, and the environment as a whole are explored. Also taken up are ethical issues raised by global climate change, such as our obligations to future generations, and how to resolve tensions between economic growth and environmental protection. 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? ENVS 25200 and PHIL 25200 are cross-listed courses; students cannot receive credit for both. Prerequisites: One 3-4 credit liberal arts course. (Y)

Attributes: ABSS, AN2, AN3, HM, LMEL, LSCO, TPJ, TQSF

4 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, with applications to international law and to freedom of expression. Emphasis is placed on philosophical analysis and moral evaluation. Prerequisites: One 3-4 credit liberal arts course. (Y)

Attributes: HM, TPJ

4 Credits

**PHIL 27500-27502 Selected Topics in Philosophy (LA)**

Topics to be determined according to teacher and student interest. This course may be repeated when topics vary, for a total of eight credits.

Prerequisites: One 3-4 credit liberal arts course. (IRR)

4 Credits

**PHIL 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. PHIL 28300 and RLST 28300 are cross-listed courses; students may not receive credit for both. Prerequisites: One three credit liberal arts course. (E)

Attributes: DV, 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, ICSM 10800 or ICSM 11800. (S)

Attributes: WI

4 Credits

**PHIL 30900 Plato and Aristotle (LA)**

Study of selected texts and ideas of the founders of classical Western philosophy. Texts include selected dialogues of Plato (such as the Meno and the Republic) and selections from Aristotle's writings (such as the Metaphysics and Nichomachean Ethics). Emphasis on writing a research paper in history of philosophy. Prerequisites: One 200-level PHIL course. (O,S)

4 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 200-level PHIL course. (IRR)

Attributes: LMSP

4 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: One 200-level PHIL course. (IRR)

4 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 200-level PHIL course or permission of instructor. (IRR)

Attributes: HU

3 Credits

**PHIL 33500 Socialism, Capitalism, Justice (LA)**

This course examines, from a philosophical perspective, the debate between supporters of socialism and capitalism. After examining competing definitions of both capitalism and socialism, we will examine what philosophers (past and present) have had to say for and against each system of economic production. In particular, we will compare accounts of justice that endorse a capitalist mode of production with accounts of justice that endorse a socialist mode of production. Assigned authors will include (among others) John Locke, Adam Smith, Thomas Paine, John Stuart Mill, Karl Marx, Rosa Luxemburg, Friedrich Hayek, John Rawls, and Robert Nozick. Prerequisites: One 200-level PHIL course. (IRR)

4 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 200-level PHIL course. (IRR)

Attributes: INBG, LMEL, LMSP, LSCO

4 Credits

**PHIL 34800 Epistemology: Theories of Knowledge and Justified Belief (LA)**

Philosophical study of knowledge and justified belief. The course will look at both classic epistemological topics including skepticism; analyses of knowledge; and the ethics of belief; and more contemporary epistemological topics including formal epistemology; disagreement; and fake news. Prerequisites: At least one 200-level PHIL course. (IRR)

4 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 200-level PHIL course. (IRR)

Attributes: LMEL, LMSP, LSCO

4 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 covered include some of the following: ontology, universals and particulars, issues surrounding material objects, the nature of time, persistence through time, necessity and possibility, causation, free will, and realism and anti-realism debates. Prerequisites: At least one 200-level PHIL course. (IRR)

4 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 200-level course in PHIL. (F,O)

Attributes: GERM  
4 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, ICSM 10800, or ICSM 11800. (S,Y)

Attributes: CP, WI  
4 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 bout. 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 1 credits. (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 2 credits. 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 1 credit. Pass/Fail only. 0.5 credits (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. 0.5-1 credit. (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. 0.5-1 credit. (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 21000 Teaching Sport Skills for Coaches (NLA)**

Provides students with theoretical basis of skill learning, fundamental skills, and knowledge for effective coaching. Focuses on specific ways to teach sport skills for the development and improvement of skill and performance. Prepares students with the provision of practical in-class coaching experience in a variety of sports. Permission of instructor required. (S,Y)

3 Credits

**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 31000 Contemporary Challenges in Sport Coaching (NLA)**

Focuses on critical examination of significant challenges and controversies within sport coaching. Emphasis is on the identification of challenges and controversies, systematic analysis, and development of a realistic plan to address the issue. Prerequisites: PHED 25500. (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 SeminarSwimming (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. 0.5-1.0 credits. (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.

(F,Y)

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. (F,Y)

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. 6-12 credits. (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 39900-39905 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. 0.5-3 credits. (IRR)

0.5-3 Credits

**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)**

Introduces written documentation of physical therapy services using the American Physical Therapy Association's 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. (U,Y)

1 Credit

**PTBS 50100 Human Anatomy (NLA)**

Investigates 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. (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: 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: 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 51700. (S,Y)

Attributes: CP

1 Credit

**PTBS 50600 Medical Screening I (NLA)**

Explores the principles and interpretation of diagnostic testing. Includes 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. Uses patient cases to compare patho-structural diagnosis with actual symptoms and clinical presentation. Prerequisites: PTBS 50100. (F,Y)

1 Credit



**PTBS 50700 Integrated Clinical Experience I (NLA)**

Work with patients under the supervision of a faculty member. Apply knowledge and skills to assume appropriate responsibilities in direct patient care. (B,S,Y)

1 Credit

**PTBS 50800 Evidence Based Practice I (NLA)**

Explores how research literature can guide clinical decision making and form the basis for contemporary physical therapist practice. Emphasize how evidence is used to answer clinical questions that affect the examination process, evaluation procedures, and interventions commonly used by physical therapists. Examine the historical background for evidence based practice. Analyze the fundamental components of evidence based practice. Prerequisites: PTBS 50100. (S,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 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)**

Provides knowledge related to and skills required in the acute care setting. Develop competency in acute care evaluations, interventions, and discharge planning. Integrate curricular content to address the complex patient and dynamic environment encountered in acute care.

Prerequisites: PTBS 51600. (F,Y)

2 Credits

**PTBS 51300 Electrotherapeutic Modalities and Physical Agents (NLA)**

Explores 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: 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 51600 Mobility Training (NLA)**

Introduces patient/client care techniques related to mobility training including bed mobility, transfer training, gait training with a variety of assistive devices, elevation training, and wheelchair mobility. Familiarizes students with the initial steps in the patient-therapist relationship including professional behaviors and oral communication. Review of cardiovascular systems is also included. Develops the skills necessary to ensure the safety of both the patient/client and the student/therapist in a clinical environment. Prerequisites: PTBS 50100. (F,Y)

1 Credit

**PTBS 51700 Professional Development I (NLA)**

Introduces professionalism including professional and ethical behavior, as well as our professional organization. Develops effective listening skills. Prepares to teach in a variety of settings and formats for academic, clinical, and professional purposes. Includes 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 50100. (F)

1 Credit

**PTBS 51800 Pathology for Physical Therapists (NLA)**

Examines the components of general disease and injury processes and specific components of selected diseases likely to be encountered in physical therapy practice. Describes general pathology topics including cell and tissue injury, inflammation, and the healing and repair process. Focuses specifically on diseases of the musculoskeletal, cardiovascular, pulmonary, integumentary, and nerve systems. Emphasizes understanding the underlying mechanisms of structural and functional disruptions for adults, with secondary comparisons to pathology across the life span. Provides background information necessary for performing differential diagnosis and patient treatments that will be taught in future coursework. Prerequisites: PTBS 50100. (F,Y) 3 Credits

**PTBS 51900 Patient Care Skills I (NLA)**

Introduces written documentation of physical therapy services using the American Physical Therapy Association's Patient/Client Management Model and the International Classification of Functioning, Disability, Patient care related to mobility training including bed mobility, transfers, gait with a variety of assistive devices, and stair climbing will also be introduced. (U,Y) 1 Credit

**PTBS 52000 Patient Care Skills II (NLA)**

Enforces patient/client care techniques related to mobility training including bed mobility, transfers, gait with a variety of assistive devices, and stair climbing that was taught in Patient Care Skills I and adds wheelchair management with hands-on practice. Familiarizes students with the initial steps in the patient-therapist relationship including professional behaviors, oral communication, and written communication. Review of cardiovascular systems is also included. Develops the skills necessary to ensure the safety of both the patient/client and the student/therapist in a clinical environment. Incorporates defensible documentation in a daily note, progress note, and discharge summary. Prerequisites: PTBS 51900. (F,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 3 credits. (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 59000-59005 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 .5-3 credits (IRR) 0-3 Credits

**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." 3 credits. (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 higher, math placement assessment score of 54 or greater, or completion of MATH 10400, MATH 10800, or MATH 11000 (with a C- or better). (F,Y)  
Attributes: 2A, ENRE, 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 higher, math placement assessment score of 54 or greater, or MATH 11000. (F,Y)  
Attributes: 2A, SC, TIII  
3 Credits

**PHYS 11000 Introductory Mathematical and Computational Methods 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; topics will include applying algebraic tools, concepts from trigonometry, and use of spreadsheets to collect and analyze data in the Physics context. Prerequisites: Math placement in group 1 or higher, math placement assessment score of 76 or greater, MATH 10800 (may be taken concurrently) OR MATH 11100 (may be taken concurrently). (F,Y)  
2 Credits

**PHYS 12100 Light and Special Relativity (LA)**

Intended as an introductory course for physics majors and science enthusiasts. Covers algebra-based topics in the physics core curriculum: light waves, optics, quantum properties of light, and special relativity. Emphasis is placed on the mathematical analysis of concepts as well as on developing conceptual understanding through active learning. Three two-hour lecture/recitation/laboratory sessions per week. Prerequisites: Math group 2 or higher, OR PHYS 11000 (may be taken concurrently). (F,Y)  
4 Credits

**PHYS 12200 Momentum, Energy, and Heat (LA)**

Introductory calculus-based physics for students majoring in STEM fields. Topics include vectors, kinematics in one and two dimensions, dynamics, work, energy, momentum, heat, the first and second laws of thermodynamics, and entropy. Emphasis is placed on the mathematical analysis of concepts as well as developing conceptual understanding through active learning. Three two-hour lecture/recitation/laboratory sessions per week. Prerequisites: MATH 10800 or MATH 11100. (S,Y)  
4 Credits

**PHYS 12300 Classical Fields: Gravity, Electricity, & Magnetism (LA)**

Introductory calculus-based physics for students majoring in STEM fields. Topics include gravity and the gravitational field, static electric fields and Coulomb's law, electric potential, capacitors, Ohm's law, the magnetic field and Ampere's law, induction and Faraday's law, and an introduction to fluids. Emphasis is placed on mathematical analysis as well as developing conceptual understanding through active learning. Three two-hour lecture/recitation/laboratory sessions per week. Prerequisites: PHYS 10100 OR PHYS 12200; MATH 11200. (F,Y)  
4 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. 3 credits. (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 higher, math placement assessment score of 54 or greater, 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 higher, math placement assessment score of 46 or greater, 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 higher, math placement assessment score of 46 or greater, or completion of MATH 10000 (with a C- or better). (S,Y)

Attributes: 2A, NS

4 Credits

**PHYS 17801 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. (F,Y)

1 Credit

**PHYS 21000 Intermediate Mathematical and Computational Methods for Physics (LA)**

Applies quantitative and analytical techniques to physical applications and supports students in their intermediate course study of Physics and Astronomy. Topics include practice applying mathematical and computational tools such as single variable integration, series, the complex plane, ordinary differential equations and computer programming to physical situations. Prerequisites: PHYS 11000; MATH 11200. (F,Y)

2 Credits

**PHYS 22400 Classical and Quantum Waves (LA)**

Completes a comprehensive introduction to the principles of physics necessary for advanced coursework in the field. Topics include: mechanical oscillations of one and several particles, the classical wave equation and the behavior of its solutions, one-dimensional quantum mechanics, classical angular momentum, and an introduction to quantum mechanics in three dimensions. Emphasizes analytical techniques common across both classical and quantum domains. Prerequisites: PHYS 12100; PHYS 12300; PHYS 21000; MATH 21100. (S,Y)

4 Credits

**PHYS 23900 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. Permission of instructor required. (IRR)

0.5-3 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 higher, math placement assessment score of 54 or greater, 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 25000 Intermediate Applied Physics Design Laboratory (LA)**

Intermediate design laboratory course in which students conduct investigations in various areas of applied physics. Emphasis is placed on the development of good laboratory techniques, simple circuit building, computer interfacing to equipment for data-taking, data analysis, data presentation (using computer graphical interface), and formal report writing. Prerequisites: PHYS 12100; PHYS 12300; PHYS 21000 (maybe be taken concurrently) or COMP 17100 (may be taken concurrently). (S,Y)

2 Credits

**PHYS 26000 Intermediate Physics Laboratory (LA)**

Intermediate laboratory course in which students conduct three investigations in various areas of physics. Emphasis is placed on the development of good laboratory techniques, data-taking procedures, data analysis, data presentation (using computer graphical interface), and formal report writing. Prerequisite: PHYS 12100; PHYS 12300; PHYS 21000 or COMP 17100 (may be taken concurrently). (S,Y)

2 Credits

**PHYS 27800 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 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 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 31000 Advanced Mathematical and Computational Methods for Physics (LA)**

Applies analytical and computational techniques to physical applications, and supports students in their advanced course study of Physics and Astronomy. Topics include practice applying mathematical tools such as multivariate calculus, fields, linear algebra, and advanced differential equations to physical situations. Applications include the use of mathematical techniques in advanced computational analysis. Prerequisites: COMP 17100; PHYS 22400. (F,Y)  
4 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 32200 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 31000 or the combination of PHYS 22400, MATH 21400, and MATH 23100. (S,Y)  
4 Credits

**PHYS 32300 Electromagnetism (LA)**

Intermediate course in electricity and magnetism that builds on the foundation received in PHYS 12300. Topics include electric and magnetic fields, Gauss's law, electric potential, circuits, Ampere's law, Faraday's law, and Maxwell's equations. Explores electromagnetic phenomena through both analytical and computational exercises. Prerequisites: COMP 17100; PHYS 22400. (F,Y)  
4 Credits

**PHYS 32400 Quantum Mechanics (LA)**

Advanced theory course with emphasis on understanding the nature of quantum theory and how it differs from classical ideas. Topics include the Stern-Gerlach experiments and quantum measurements, the Schrödinger equation and solutions to various potentials, angular momentum, and the hydrogen atom. Prerequisites: Either PHYS 31000 or the combination of PHYS 22400, MATH 21400, and MATH 23100. (S,Y)  
4 Credits

**PHYS 32500 Thermal Physics (LA)**

Topics include laws of thermodynamics with applications, thermodynamic functions and potentials, kinetic theory, statistical mechanics, real and idealized systems, and intermolecular processes. Prerequisites: COMP 17100 and PHYS 22400. (F,Y)  
4 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 33900 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. Permission of instructor required. Prerequisites: PHYS 22400. (IRR)  
0.5-3 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. 1 credit. (F,Y)  
Attributes: NS  
1 Credit

**PHYS 35000 Advanced Applied Physics Design Laboratory (LA)**

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. Prerequisites: COMP 17100; PHYS 25000; PHYS 27800. (F,Y)  
Attributes: QL  
4 Credits

**PHYS 36000 Advanced Physics Laboratory (LA)**

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 22400; PHYS 26000; PHYS 27800. (S,Y)  
Attributes: ENRE, NS, QL  
4 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. Permission of instructor required. Prerequisites: PHYS 22400. (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. (IRR)

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. (F,Y)

Attributes: CP, NS

1 Credit

**PHYS 42300 Electrodynamics (LA)**

Building on the foundation gained in PHYS 32300, 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 31000; PHYS 32300. (IRR)

4 Credits

**PHYS 43000 Selected Topics in Advanced Physics (LA)**

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 22400. (Y)

2-4 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 47900 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. Permission of instructor required. (IRR)

1-12 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 49000 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. (F,Y)

Attributes: CP

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, PHYS 32600 or PHYS 35000 (any of which may be taken concurrently); WRTG 10600 or equivalent. (IRR)

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. (IRR)

Attributes: 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 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 10800 or ICSM 11800; concurrent enrollment in PHYS 49900-PHYS 49910. (IRR)

Attributes: 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. (IRR)

Attributes: WI

2 Credits

**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 and Public Policy (LA)**

Explores the development of the U.S. governmental system, the values the system is rooted in, how the institutions within the system work, how politics, economics, and policy intersect within the system, and the system's impact upon individuals and groups alike. Focuses on the historical and present power struggles concerning national identity, class status, moral and ethical decision-making, civic culture, political affiliation, the role of media, and the process of policy development within the context of a representative and neo-liberal democratic capitalist system. This course is required of all Politics majors. (F,S,Y)

Attributes: H, HM, LMSP, LSCO, SO, SS, TPJ, TWOS

4 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 (LA)**

Examines the history of U.S. foreign policy, as well as the ideological roots of various foreign policy stances, with a view to understanding the roots of contemporary relations between the U.S. and the rest of the world. (IRR)

Attributes: 1, SS

4 Credits

**POLT 12200 Politics and Society (LA)**

Explores the impact of social forces and societal dynamics on the politics of diverse countries, as well as the influence of politics and the state on society. Examines how and to what extent political institutions, individual and collective political action, and historical circumstances are capable of shaping political and social developments in different countries and regions of the world. 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

4 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 an understanding of competing theoretical perspectives on the international system from a social science perspective. Critically examines a range of issues in international relations, including military, economic, and cultural issues as well as issues related to the environment, health, and poverty. Uses specific case studies to illustrate these issues. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,S,Y)

Attributes: G, INBG, LMSP, LSCO, SO, SS, TPJ, TWOS

4 Credits

**POLT 12900 Introduction to Global and Policy 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, LXME, SO, SS, TIDE, TPJ

4 Credits

**POLT 14100 Power: Race, Sex, and Class (LA)**

Exploration of the major theoretical perspectives on power. Examines what power is, where it comes from, where it is located, and how it is distributed along the lines of class, gender, and race. The primary focus is on contemporary practices of citizenship, democracy, capitalism, violence, security, and specific issues they raise for policy making, persons, the family, and corporate power. Counts as a political theory course for politics majors. (F,S,Y)

Attributes: 1, AN3, DV, G, HM, LMSP, SO, SS, TIDE, TPJ, WGS, WGSJ

4 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. Exploration of ideologies as contested terrains open to criticism and transformation. Counts as a political theory course for politics majors. (F,S,Y)

Attributes: HM, LMSP, LSCO, SO, SS, TPJ, TWOS

4 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

4 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

4 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 14600 Gender and Political Theory (LA)**

This course focuses on feminist critiques of foundational texts in political theory. It explores how gender, masculinity, and heterosexism inform such core political science concepts as power, human rights, political participation, the state, human nature, political consciousness, self/other and violence. Particular attention is paid to how ideas about masculinity and femininity affect what we think of as political, and to the ways in which people resist such conceptions. Counts as a political theory course for politics majors. (Y)

Attributes: DV, WGS

4 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

4 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. (S,Y)

Attributes: H, LMEL, LSCO, NAPP, NASE, SS

4 Credits

**POLT 30400 U.S. Party Politics (LA)**

Examines the role of political parties in the U.S., with an emphasis on the two-party system. Exploration of party organization, power, and leadership; the role of parties in Congress; the election process; party campaign strategies and techniques; the role of money in party politics; media, public opinion, and political party-interest group dynamics. Counts as a US Politics course for politics majors/minors. (Y,IRR)

Attributes: LMSP, SS

4 Credits

**POLT 30500 Urban Politics (LA)**

Exploration of the complexities of urban politics. Examines the politics and governance of U.S. cities, including the distribution of political & economic power in the city. Explores how governing structures, leadership, urban regimes, partisanship, political coalitions, citizen participation, the role of the business community, and federalism, impact electoral politics, decision-making processes, and policy outcomes. Consideration of various topics that help shape U.S. urban political life in the domestic and global context: poverty, gentrification, public education, policing, city bureaucracies, housing, mass transit, land use and planning, demographic changes, social movements, and racial/ethnic dynamics.

Counts as a US Politics course for politics majors. (Y,IRR)

Attributes: ABSS

4 Credits



**POLT 30600 U.S. Foreign Policy (LA)**

US foreign policy from theoretical, historical, and contemporary perspectives. The evolution of US foreign policy from the 1770s to the 21st century, as well as current issues – including international trade, Iran, North Korea, Russia, and China – and their historical roots. Current debates about the future of the international order and of US grand strategy. Counts as a US Politics course for politics majors. (F,Y)  
 Attributes: INBG, LMEL, LMSP, LSCO, SS  
 4 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 31900-31901 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 up to 12 credits for selected topics on different subjects. Counts as a US Politics course for politics majors. (IRR)  
 Attributes: SS  
 4 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. Counts as a Comparative & International Studies course for politics majors and international politics minors. (Y)  
 Attributes: AACI, AASE, ADCI, ADSE, LSCI, LXME, NACI, NASE, SS  
 4 Credits

**POLT 32410 Human Rights & Genocide (LA)**

The course examines some of the key debates within the field of human rights, including debates between universalism and cultural relativity, and between individual and collective rights. It also looks at some of the main critiques of human rights: Does it matter if there is an international human rights regime if human rights are not enforced? In what ways can human rights be considered a colonialist enterprise? The course focuses in particular on the crime of genocide and attempts by individuals and groups to recover or seek justice in the wake of genocidal-type violence. Course is cross-listed with LGST 32410; students cannot earn credit for LGST 32410. Prerequisites: One 100-level LGST or POLT course. (S,Y)  
 4 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; the process of reform from 1979 onward, with focus on political and social transformation of Chinese society. Also covers shifts in China's foreign policy, especially since the rise of Xi Jinping. 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. (O)  
 Attributes: AASE, INBG, SS  
 4 Credits

**POLT 32600 Russian Politics (LA)**

Examines the internal conflicts and external forces that shape the Russian experience since independence in 1991, as well as continuities with the Soviet system. Considers the effect of Russian culture and nationalism on politics. Draws on the Russian experience in order to cast light on questions such as what is democracy, what are the tensions between democracy and capitalism, what is the difference between socialism and capitalism, and what leads to the erosion of liberal democracy. Examines trends in Russian foreign policy, including shifts over time and the relationship to domestic events. 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. (Y)  
 Attributes: INBG, SS  
 4 Credits

**POLT 32700 The Politics of Development (LA)**

Focuses on the struggle of third-world peoples to improve their economic position and political power in the international system. Covers a range of development approaches aimed at reducing poverty and inequality, with emphasis on the ways in which governments, non-governmental organizations, international aid agencies, and social movements and communities envision and implement development programs. Special attention is given to problems of development in Latin America, Asia 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. (S,O)

Attributes: ABSS, AN3, ENSS, ESPE, ESSS, INBG, LAEL, LAGC

4 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. (FY)

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. (IRR)

Attributes: DV, ESE, INBG, LAGC, SS

4 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. (F,S,Y)

Attributes: INBG, SS

4 Credits

**POLT 33100 Latin American Politics (LA)**

Introduces issues in contemporary Latin American Politics. 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 countries in other regions. Examines the historical events, internal political, socio-economic, and racial/ethnic structures and power relations, and behaviors of national and international actors influencing Latin American countries' politics and societies. 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,E)

Attributes: INBG, LSCI, LXME, SS

4 Credits

**POLT 33200 Africa through Film: Representation and Reality (LA)**

Interrogates popular Western representations of the African continent and their foundations. Emphasizes the need for media literacy and exposure to counter-narratives in the study of African countries. Explores African and African Diaspora histories, politics and contemporary issues through extensive readings and a comparative analysis of diverse films from radical African filmmakers, popular African cinema and even Hollywood. 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. (FY)

Attributes: 1, ADCI, ADSE, G, H, INBG, MAP, SCE, SS

4 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 Human Rights and the Politics of Culture (LA)**

Investigates the philosophical and legal debates pertaining to questions that address the universality of human rights. 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. (S,O)

Attributes: INBG, LMEL, LMSP, LSCO, SS

4 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. (O)

Attributes: ABSS, AN3, ESE

4 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 and Transitional Justice (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. (IRR)

Attributes: NASE, SS

4 Credits

**POLT 33800 Terrorism and Insurgencies (LA)**

The course explores why people resort to violence that is defined as terrorism, as well as how they respond to violence. It looks at these questions both theoretically and through case studies from around the world. The course also explores the phenomenon of insurgency, including its relationship to terrorism, and analyzes policies of counterterrorism and counterinsurgency. Counts as a Comparative & International Studies course for politics majors and international politics minors. (Y)

4 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 33910 International Organizations (LA)**

Studies international organizations that have emerged over time to pursue solutions to cross-national problems, and to help develop rules and structures to manage inter-state and other kinds of global interactions. Addresses a variety of issues including the problems of war and peace, the definitions and management of economic development, and questions of environmental protection. Explores key concepts such as sovereignty, cooperation, and norms. Studies theoretical approaches to and criticisms of international organizations like the UN, treaty organizations like NATO, regional and economic organizations, as well as international non-governmental organizations. (FY)

4 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.

Attributes: SS

4 Credits

**POLT 34100 U.S. Political Thought (LA)**

Explores the writings and ideas of political thinkers and activists who have shaped U.S. politics, institutions, and policy development from the Puritans to the present. Examines questions surrounding freedom and equality, individual rights, the role of community, power and justice, national identity, religion, the relationship between citizens and the state, the nature of change, and the place of labor in the United States. Counts as a political theory and U.S. politics course for majors. (IRR)

Attributes: SS

4 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, Hegel, Mill, Marx, Goldman, and Luxemburg). Counts as a political theory course for politics majors. (FS,Y)

Attributes: LMEL, LMSP, LSCO, SS

4 Credits

**POLT 34300 Feminist Theory (LA)**

This course discusses theories pertaining to the subjugation of women and members of the LGBTQ community, 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, radical feminism, Black feminist thought, and post-colonial 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; the acceptance or rejection of the connection between sexual and class oppression, and other key historical and contemporary feminist debates. We 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. (IRR)

Attributes: SS, WGS, WGS3

4 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 35000-35009 Selected Topics in Political Theory (LA)**

Focus on particular areas of political theory that are not covered in other 300-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. (IRR)

Attributes: SS

4 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. (FY)

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. Cross-listed with ENVS 36600; students cannot receive credit for ENVS 36600. (Y)

Attributes: ABSS, LMEL, LSCO

4 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 up to 12 credits for selected topics on different subjects. Counts as a public policy course for politics majors. (IRR)

Attributes: SS

4 Credits

**POLT 38000-38001 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. Students must complete the H&S internship application process. Permission of instructor required. (FY,S)

1-12 Credits



**POLT 38100-38101 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. Students must complete the H&S internship application process. Permission of instructor required. (F,S,Y) 1-12 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. Students must complete the H&S internship application process. Permission of instructor required. (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. Students must complete the H&S internship application process. Permission of instructor required. (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, ESE, SO, SS, TIDE 3 Credits

**PSYC 10500 Scientific Literacy: How We Know What We Know (LA)**

Explores how to apply scientific literacy and critical thinking to discover, read and share scientific information in the field of psychology, exploring myths and misconceptions about psychology and fallacies in reasoning about scientific evidence. Students will search for and compare research findings reported in academic vs. popular media and develop skills for effectively communicating scientific information. Prerequisites: PSYC 10300 (may be taken concurrently). (F,S,Y)  
2 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, ESE, SO, TIII  
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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. Prerequisites: PSYC 10300 and WRTG 10600, or ICSM 10800. (Y)  
Attributes: ACS, WI  
4 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 3 or higher, math placement assessment score of 46 or greater ; 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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. Prerequisites: PSYC 10300. (Y)  
Attributes: ACS  
4 Credits

**PSYC 20900 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. Prerequisites: PSYC 20700. (F,S,Y)  
3 Credits

**PSYC 22000 Personality (LA)**

An overview and 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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. Prerequisites: PSYC 10300. (Y)  
Attributes: ACS  
4 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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. Prerequisites: PSYC 10300. (Y)  
Attributes: ACS, SO, TMBS  
4 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'. Develops effective writing for different purposes and audiences, as well as oral and/or visual skills. Prerequisite: PSYC 10300. (Y)  
Attributes: ACS, SC, TMBS  
4 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, ENVE, 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." The course also focuses on developing effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. Prerequisites: PSYC 10300 and WRTG 10600 or ICSM 10800. (Y)  
Attributes: ACS, CC, HN, WI  
4 Credits

**PSYC 25300-25301 Selected Topics: Psychology (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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. May be repeated for credit when topics change. Prerequisites: PSYC 10300 and PSYC 10500 (may be taken concurrently). (IRR)  
Attributes: ACS  
4 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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. Prerequisites: PSYC 10300. (Y)  
Attributes: ACS, CC, CNSL, DV, ESE, LMEL, LSCO  
4 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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. PSYC 26100 and WGST 26100 are cross-listed courses; students may not receive credit for both. Prerequisites: PSYC 10300. (F,Y)  
Attributes: ACS, CC, CNSL, DV, ESE, WGS, WGSC  
4 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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. Prerequisites: PSYC 10300 and WRTG 10600, or ICSM 10800. (Y)  
Attributes: ACS, CC, ESE, LMEL, LSCO, WI  
4 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. 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)  
Attributes: PSCL  
3 Credits

**PSYC 31000 Research Team in Psychology (LA)**

Participation in programmatic research by teams of students under the direction of one or more faculty members. May be repeated for a total of nine credits. Permission of instructor required. Prerequisites: PSYC 20900. (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: One 200 level PSYC course (excluding PSYC 20700), BIOL 20600, BIOL 22700, or SLPA 21200. (F,S,Y)  
Attributes: 2A, NS, PSBS  
3 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, PSPS, 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: PSCL, 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, PSBS  
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: PSPS, 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, PSCL

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. Prerequisites: PSYC 32100. (F,S,Y)

Attributes: CC

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 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, PSPS

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, PSPS, SL, SS

3 Credits

**PSYC 39800 Psychology Professional Development (NLA)**

Exploration of career opportunities and options for individuals with an undergraduate degree in psychology, including graduate school (or other professional training) and employment in a related field. Psychology majors only. (F,S,Y)

1 Credit

**PSYC 40500 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. Prerequisites: PSYC 32100. (F,S,Y)

Attributes: CC

3 Credits

**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)

4 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 Senior Seminar in Psychology (LA)**

Investigation of a specific area or topic in psychology at an advanced level that integrates prior learning. Explores the relationships between the various components of the integrative core curriculum (ICC), the psychology major, other learning experiences at the College, and future goals. Reflection on the role of a liberal arts education. (F,S,Y)

Attributes: CP

4 Credits

## 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, 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. (F,Y)

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)

(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. (IRR)

Attributes: LAEL, SO  
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. (F,Y) 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. (F,Y) Attributes: I 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: DV, 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.

(FY)

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. (FY)

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 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. RLST 20300 and JWST 20300 are cross listed; students may not receive credit for both courses. Prerequisites: One three credit Liberal Arts course. (S,Y)

Attributes: G, HM, INBG, TIDE, TMBS

4 Credits

**RLST 20400 Christianity: Contexts and Conflicts (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: ESE, 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, ESE, 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, ESE, 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: ESE, WGS, WGSJ

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. RLST 23500 and ENVS 23500 are cross-listed courses. Prerequisites: One three-credit course in the liberal arts. (E)

Attributes: ABSS, AN2, AN3, ENVE, 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: WI

4 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: DV, G, H, HU, INBG

3 Credits

**RLST 31000 Epic Adventures: Readings in Hindu Mythology (LA)**

Explores the rich narrative traditions of India's twin epics, the Mahabharata and the Ramayana, which have constituted the core of Hindu mythology for over two millennia and profoundly shaped the cultures of South and Southeast Asia. Examines these myths in their diverse literary, philosophical, and performative dimensions and addresses broad thematic issues raised in the texts, including the nature of war, deception, gender, fate, friendship, duty, and divinity. No previous knowledge of Hinduism is presumed. Prerequisites: One 200-level RLST course; WRTG 10600 (or equivalent). (E,S)

Attributes: WGS, WGS3, WI

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 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 39100 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 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 6 credits. Prerequisites: Three RLST courses; permission of instructor. (IRR)

0.5-3 Credits

**RLST 41000 Religious Studies Capstone (LA)**

Serves as the capstone for religious studies majors and minors. Engages students in organizing interdisciplinary community discussions about contemporary issues in global religious practice. Facilitates reflection on studies in the major/minor and the Integrative Core Curriculum, and how these connect to the student's personal intellectual formation at Ithaca College. Prerequisites: At least three courses in religious studies, with at least one RLST course at the 300 level. (S,Y)

Attributes: CP, HU, WI

1 Credit

## 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: SO, TPJ

4 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. (Y)

Attributes: ADSE, CNSL, DV, ESE, LXME, RPRE, SO, SO2, TPJ

4 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. (Y)

Attributes: ADSE, CNSL, DV, ESE, LXME, NASE, SO, SO2, TPJ

4 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. (Y)

Attributes: CNSL, ENSS, ESSS, LAEL, LAGC, SO, SO1, TPJ

4 Credits



**SOCI 20900 Sociology of Education (LA)**

This course examines the role of education and the structure of educational institutions (including colleges and universities) in American society and studies the process by which skills, cultural norms, and cultural views are transmitted. It also explores the distribution of educational opportunity. These issues are dealt with at the level of the classroom, the school, and the community. The latter part of the course focuses on possibilities for change in the educational system. Prerequisites: One course in the liberal arts. (IRR)

Attributes: DV

4 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. (Y)

Attributes: DV, SO, SO3, TPJ, WGS, WGSC

4 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. (Y)

Attributes: CNSL, DV, SO, SO4, TIDE, WGS, WGSJ

4 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. (Y)

Attributes: DV, SO4

4 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. Prerequisites: One liberal arts course. (FS,Y)

Attributes: CC, DV, SO1

4 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 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. Prerequisites: One course in the liberal arts. (Y)

Attributes: CNSL, SO

4 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. (Y)

Attributes: SO4, WGS, WGSC

4 Credits

**SOCI 24200 Research Design (LA)**

This course prepares students for more advanced coursework by focusing on the research methods used by sociologists. Topics covered include the scientific method and its application to the social world (including theory building and hypothesis testing); quantitative and qualitative research methods (including their differences and appropriate uses); the relationship between empirical questions and research methods; conducting systematic observations and recording data (including sampling); causality; and research ethics. Students will engage in hands-on practice via several small research projects to practice research methodologies introduced in the course. Prerequisites: 2 courses in SOCI. (F,Y)

4 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. (Y)

Attributes: ABSS, DV, ENSS, ENVE, ESSS, LAEL, LAGC, LMEL, LSCO, SO, SO1, TPJ, TQSF, WGS

4 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. (Y)

Attributes: DV, LMEL, LSCO, SO2

4 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. (F,Y)

Attributes: AAPP, ADPP, ADSE, LSPP, LXME, NAPP, NASE, SL, SO1  
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: Two courses in SOCI. (F,Y)

Attributes: SS  
4 Credits

**SOCI 31700 Sexuality and Health (LA)**

This course explores the intersections of sexuality and health and focuses on both as social concepts. We will investigate the manner in which sexuality and health are shaped by individual, social and cultural factors and how ideas about our bodies and our sexuality are related to ideas about our health. Prerequisites: Two courses in Sociology. (F,Y)

Attributes: SS  
4 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. (IRR)

Attributes: CNSL, LXME, SO2, SS  
4 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: 2 courses in SOCI. (Y)

Attributes: SO2, SS, WGS, WGS3, WGS1  
4 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: 2 courses in SOCI. (Y)

Attributes: ADSE, CNSL, DV, ENSS, ESE, ESSS, RPRE, SO1, SS, WGSC  
4 Credits

**SOCI 32700 Work and 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: 2 courses in SOCI. (Y)

Attributes: DV, SO3, SS, WGSC  
4 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, SS, WGSC  
4 Credits

**SOCI 34200 Data Analysis (LA)**

Data Analysis introduces students to how sociologists use quantitative and qualitative data to study social phenomena. Quantitative topics include: data management, variable structures, numeric and graphic displays of data, univariate analysis, and bivariate analysis. Qualitative topics include: data management, reading interview transcripts and fieldnotes, positionality; open and focused coding, content analysis data rubrics, analytic memos, applying sociological concepts/theory to analyze qualitative data, and report writing. Prerequisites: SOCI 24200. (S,Y)

Attributes: QL, SS  
4 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)

Attributes: SS  
4 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. (Y)

Attributes: SO3, SS  
4 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 SOCI. (IRR)

Attributes: CNSL, SS

4 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: 3 courses in SOCI. (Y)

Prerequisites: 3 courses in SOCI. (Y)

4 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: 3 courses in SOCI. (IRR)

Prerequisites: 3 courses in SOCI. (IRR)

Attributes: ADPP, ADSE, LSPP, LXME, NAPP, NASE, RPRE, SO2, SS

4 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: Three courses in SOCI. (IRR)

Prerequisites: Three courses in SOCI. (IRR)

Attributes: SS

4 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)

4 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: 3 courses in Sociology, or one 300-level course with either a WGS or a WGS1 attribute. (IRR)

Attributes: SS, WGS, WGS1

4 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 42000 Scholarship of and by Women of Color (LA)**

Seminar style class that explores the scholarship of and by women of color, with an emphasis on the concept of "intersectionality" and theories and frameworks introduced by women of color. We discuss questions related to the intersection of race, ethnicity, class, gender, sexuality, capitalism, and citizenship. SOCI 42000 and CSCR 42000 are cross listed, and students may not earn credit for both. Prerequisites: Any three SOCI or CSCR courses. (F,Y)

Attributes: AACI, AASE, ADCI, ADSE, DV, LSCI, LXME, NACI, NASE, SO2, SS, WGS, WGS3, WGS1

4 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 SOCI. (IRR)

Attributes: INBG, LAEL, LAGC, SO1, WGS, WGS3, WGS1

4 Credits

**SOCI 44500 Tutorial in Sociology (LA)**

Intensive study of a specific topic with a small group of students.

Prerequisites: Three courses in SOCI. (IRR)

Attributes: SO1, SO2, SO3, SO4, WI

4 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 48100.1 credit. (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 48400 Quantitative Capstone (LA)**

A capstone experience in which students define and execute a research project that involves identification or collection and analysis of quantitative data. Students write a full thesis paper. Students also reflect on the relevance of sociology with respect to charting future pathways through their own life course. Satisfies ICC Capstone and Writing Intensive requirements. Prerequisites: SOCI 31100 and SOCI 34200. (Y)  
Attributes: CP, WI  
4 Credits

**SOCI 48500 Qualitative Capstone (LA)**

A capstone experience in which students define and execute a research project that involves collection and analysis of qualitative data. Students write a full research paper. Students also reflect on the relevance of sociology with respect to charting future pathways through their own life course. Satisfies ICC Capstone. Prerequisites: SOCI 31100 and SOCI 34200. (Y)  
Attributes: CP, WI  
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  
4 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  
4 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 20000 Intermediate Spanish (LA)**

Develops intermediate-level proficiency in Spanish with a focus on culture. Includes grammar review and expansion, with practice in all skill areas and a particular emphasis on spoken communication. Prerequisites: SPAN 10200 with a grade of C- or better, or by placement examination. (Y)  
Attributes: HM, TIDE  
4 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 26100 Holocaust Literature and Film: From Auschwitz to the Americas (LA)**

Taught in English, this course examines holocaust representation in literature and film, and the Jewish diaspora in Latin America. Class preparation and discussion will explore the power of narration to express the human capacity for resistance and resilience. This course does not satisfy language proficiency requirements in majors. Prerequisites: One course in the Liberal Arts. (IRR)  
Attributes: CTE, HM, JWST, LAEL, TIDE, WGS  
4 Credits

**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  
4 Credits

**SPAN 27900 Introduction to Latino/a/x Literature (LA)**

Examines canonical literary texts produced by and about Latino groups in the United States. Class discussion and preparation will explore the historically changing ways in which, from the 19th century onward, various Latino communities have imagined their identities both within and across the national borders of the United States and Latin America. Taught in English. This course does not count towards language proficiency requirements in majors. Prerequisites: One course in the liberal arts. (IRR)  
Attributes: LAEL, LXME  
4 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 31800 Imagining Spain: Representations of Spain in Film, TV, and Graphic Media (LA)**

Explores images of Spain as portrayed in film and other media including television and graphic novels. Focuses on culture and society and how cinematic and other media function to narrate elements of history as well as political and social values. Students gain practice in skill areas of reading, writing, speaking, and comprehension of Spanish language. Prerequisites: SPAN 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (IRR)

Attributes: SCE

4 Credits

**SPAN 31900 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 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (IRR)

Attributes: DV, INBG, RPRE

4 Credits

**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 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (F,S,Y)

Attributes: CCCS, HU

4 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 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (F,S,Y)

Attributes: 3A, CCCS, G, HU, LAEL

4 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)**

The course 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. The course teaches students to read literature and write about it from an analytical perspective.

Prerequisites: SPAN 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (F,S,Y)

Attributes: LAEL, LSCH, LXME, RPRE, WGSJ

4 Credits

**SPAN 33000 Creative Writing in Spanish (LA)**

Covers a variety of techniques and strategies for writing fiction, poetry, personal essay, and scripts in Spanish. Students hone skills associated with linguistic fluency (spoken, written, oral and aural communication) and cultural understanding of the Spanish-speaking world. Peer to peer collaboration and critique emphasized. Prerequisites: SPAN 20000 or above taught in Spanish with a grade of C- or better, or by placement examination; and WRTG 10600 or ICSM 10800. (IRR)

Attributes: WI

4 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 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (F,Y)

Attributes: G, H, HU, INBG, LXME, RPRE

4 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: SPAN 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (IRR)

Attributes: DV, LAEL, LXME, RPRE

4 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 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (IRR)

Attributes: DV, G, H, HU, INBG, RPRE

4 Credits

**SPAN 33700 Introduction to Spanish Literature (LA)**

A historical and thematic overview of Spanish literature. Special attention will be given to literary movements and recurrent themes. Required for Spanish majors. Prerequisites: SPAN 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (IRR)

Attributes: 3A, DV, G, HU, RPRE

4 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. Prerequisites: One SPAN course at the 300-level (excluding SPAN 39200), or by placement examination. (F,S,Y)

Attributes: 3A, DV, G, HU, LXME, RPRE

4 Credits

**SPAN 34000 Latin Lovers: Sexuality and Gender in Literature, Film, and Pop Culture (LA)**

Taught entirely in Spanish, this course examines the burgeoning new theoretical interventions around the concepts of sexuality and gender identity in Latin American cultural production, paying particular attention to the definition of "queer." This is an interdisciplinary course that complements coursework from a variety of majors and minors. Prerequisites: SPAN 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (IRR)

Attributes: LAEL, WGS

4 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 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (IRR)

Attributes: LAEL, WI

4 Credits

**SPAN 37600 Latin American Fiction (LA)**

This course traces the development, movement, and themes in Latin American fiction. The literary selections will be analyzed from a historical and cultural context. Students will read short stories and novels written by representative authors. Readings may include works by Azuela, Borges, Fuentes, Cortázar, García Márquez, Allende Ferré, Pacheco, and Piñeiro. Prerequisites: One SPAN course at the 300-level (excluding SPAN 38800 and SPAN 39200) or by placement examination. (IRR)

Attributes: LAGC

4 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 eight credits when topics vary. Prerequisites: One Spanish course at the 300-level, excluding SPAN 39200. (IRR)

Attributes: LAEL, LXME, RPRE

4 Credits

**SPAN 39200 Latino/a/x Literatures: Narratives of Displacement and Belonging (LA)**

This course delves deeply into questions of travel, migration, exile, displacement and belonging in Latino/a/x literature and features expressions of the intersectionalities of Latino/a/x identities in the United States. The texts chosen for this class will grapple with these overarching themes, while traversing the interstices of Latino/a/x identities that confront such issues as racism, colorism, sexuality, and gender. Taught in English. This course does not count towards language proficiency requirements in majors. Prerequisites: Three courses in the liberal arts. (IRR)

Attributes: CTE, DV, LAEL, LSCH, LXME, RPRE, WGS3, WGS1

4 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, WGS3  
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. (F,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 Child 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. (F,Y)

Attributes: SS

3 Credits

**SLPA 23500 Language and Speech Sound Disorders in Children (NLA)**

Exploration of developmental speech and language disorders, including comparison of typical and disordered development. Identify, critically evaluate, and apply evidence-based practices in speech and language assessment and intervention, using clinical case studies. Prerequisites: SLPA 11010 and SLPA 21600 with a grade of C- or better. (S)

4 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. A guided project is required, and travel to a theatrical production may be required. (S,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)**

Provides an intensive clinical observation experience 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 students in the Speech-Language Pathology major. Prerequisites: SLPA 23500 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 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)**

Investigation of the scope of the sport industry and introduction into the field of sport management. Emphasis on basic management skills necessary to operate sport organizations and introduction to career opportunities in the sport management field. Exploration of policy elements, missions, structure, and function of sport governing bodies including college sport, pro sport, and Olympic sport. (F-S,Y)

4 Credits

**SMGT 21000 International Sport Administration (LA)**

An analysis of sport in an international context; 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 how sport impacts individuals and societies around the globe. Problems/issues faced by international sport managers are introduced by discussing international sport case studies.

Prerequisites: 1 class in SMGT, MGMT, MKTG, BINT, ACCT, FINA, SPME. (IRR,U,W)

Attributes: DV, LAGC, SO, TIDE

3 Credits

**SMGT 21100 International Sport (LA)**

An analysis of sport in an international context; 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 how sport impacts individuals and societies around the globe. Problems/issues faced by international sport managers are introduced by discussing international sport case studies.

Prerequisites: One course in ACCT, BINT, FINA, MGMT, MKTG, SMGT, SPME. (IRR)

2 Credits

**SMGT 21500 College Sport (LA)**

Explores the historical development, existing structure, various challenges, and current debates surrounding college athletics in the US. Special emphasis on current issues affecting college athletics.

Prerequisites: 1 class in Business or Sport Media (ACCT, BINT, FINA, MGMT, MKTG, SMGT, SPME). (IRR)

2 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: One class in ACCT, BINT, FINA, MGMT, MKTG, SMGT, SPME. (IRR)

Attributes: SO, TPJ, TWOS

3 Credits

**SMGT 22100 Professional Sport (LA)**

Explores various elements of the professional sport industry. An examination of aspects that span the entire segment of professional sport, as well as current challenges in the most significant and relevant leagues. Prerequisites: 1 class in Business or Sport Media (ACCT, BINT, FINA, MGMT, MKTG, SMGT, SPME). (IRR)

2 Credits

**SMGT 22500 Sport Economics (LA)**

An application of economic principles to a wide range of issues within the realm of professional and amateur sport including the analysis of labor markets in sport and the organization of sports organizations. Fields of study include game theory, labor economics, public finance, industrial organization, and the economics of information. Prerequisites: SMGT 11000 and ECON 12000. (IRR)

2 Credits

**SMGT 23000 The Business of Sport Agency (NLA)**

Investigation into the area of sport agency, including NCAA eligibility rules, FIBA agent procedures, and legal principles. Students will get a first-hand experience dealing with everyday negotiations that sport agents deal with throughout the realm of sport through mock negotiations as well as in-depth case studies. Prerequisites: 1 class in Business or Sport Media (ACCT, BINT, FINA, MGMT, MKTG, SPME, SMGT). (IRR)

2 Credits

**SMGT 25000 Sport Brands in Crisis (LA)**

From off-field athlete misconduct to international mega-event bidding scandals, leaders in the rapidly changing sport industry constantly need to adapt and respond. Topics will include current business, legal, ethical, marketing and culture crises in sport. Particular emphasis is placed on solutions and strategies for the sport management and marketing professionals. Prerequisites: 1 class in ACCT, BINT, FINA, MGMT, MKTG, SMGT, SPME. (IRR)

2 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 28000 Practicum in 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: SMGT 11000. (F,S,U,W)

1-4 Credits

**SMGT 30300 Sport Law (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 include intentional torts and negligence; gender equity, and other forms of discrimination; risk management; selected current legal issues impacting sport organizations. Emphasis is on management perspectives. Prerequisites: SMGT 11000. (F,S,IRR)

4 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 (LA)**

Examination of the concepts and principles of marketing and promotion as applied to the unique aspects of the sport industry. Analysis of the relationship between sport marketing and public relations strategies that are employed by the sport manager. Included are practical marketing/promotional strategies and activities that can be applied in real-life sport organizations to enhance the revenue generation efforts of the organization. Prerequisites: SMGT 11000; MKTG 31200; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (F,S)

Attributes: WI

4 Credits

**SMGT 33500 Sport Event and Facility Management (NLA)**

Develops the competencies necessary to plan, manage and operate sport, recreation, fitness, and public assembly facilities. Facility topics include: scheduling, risk management, purchasing, design and funding of new facilities, sustainability, economic feasibility, revenue sources. 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. (Y)

4 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 38000 Applied Sport Event Management: Super Bowl (NLA)**

Experiential sport event management class involving the application of principles, best practices and prevailing theories of sport event management. Students will be directly involved in the operation of the NFL Super Bowl. Students must have instructor approval and will be required to work on site for a minimum of 5 days. Instructor approval is required. Prerequisites: SMGT 11000. (S)

2 Credits

**SMGT 38100 Applied Sport Event Management: NCAA Championship (NLA)**

An experiential sport event management class involving the application of principles, best practices, and prevailing theories of sport event management. Students will be directly involved in the operation of an NCAA Division I Championship. Students must have instructor approval and will be required to work on site for a minimum of 5 days. Instructor approval is required. Prerequisites: SMGT 11000. (IRR)

2 Credits

**SMGT 38500 Sport Sales and Sponsorship (NLA)**

Intensive analysis of consumer habits and trends, linked with strategies to develop, activate, and manage sport sponsorships and related sales promotions. Students build on previous knowledge of marketing to apply sales techniques to maximize revenue generation. Prerequisites: SMGT 11000; SMGT 32600. (Y)

4 Credits

**SMGT 39000 Digital Marketing in Sport (NLA)**

Designed to develop a student's understanding of how to manage a cross-section of digital channels to market in the sport industry, topics include 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, and the interactivity of the branded experience are analyzed. Prerequisites: SMGT 11000; MKTG 31200; SMGT 32600. (IRR)

2 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 41000 Contemporary Issues in Sport Management (LA)**

Analysis of current issues across the sport industry and an in-depth look at how sport serves power centers in society, and contributes/challenges race, class, age, sexuality, disability, and gender logic in US culture. Integrates aspects of sport economics, marketing, law, sociology, leadership, and ethics to provide context for future leaders of sport organizations. Additional focus on exploring practical diversity solutions as well as the implications of ethical managerial decision-making. Prerequisites: SMGT 11000; SMGT 30300. (IRR)

Attributes: CP, DV

4 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 20700 History of Sport (LA)

Focuses on the role of sport in past and contemporary societies. Consideration of sport as a microcosm of society, a mirror of American life. Political, economic, military, and societal issues of sports participation are carefully examined – how sport has shaped culture and has, in turn, been influenced by it. (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 29500 Social Aspects of Sport (LA)

An investigation of the social significance of sport and the utilization of the sociological perspective for understanding the nature of sport. (F,S,Y)  
3 Credits

## SPME 29700 Sport: Philosophical Perspectives (LA)

An introduction to several philosophical perspectives on the meaning of sport as a human activity. An examination of selected philosophical issues or topics as they occur in sport. Prerequisites: SPST 20700 or SPST 29500. (F,S,Y)  
3 Credits

## SPME 29900 The Evolution of Sport Media (LA)

An analysis of the changing landscape of the sport media from the Industrial Revolution of the mid-19th century to its current configuration. Students examine relevant periods and events throughout American history and investigate the role the sport media played on the political, social, and technological climate of that time. The course will also try to debunk the myth that what goes on in today's sport media is dramatically different from bygone eras. (S,Y)  
Attributes: MAP  
3 Credits

## SPME 32400 Youth Sport in America (LA)

Investigation of the social and cultural significance of the ways contemporary American society employs sport to foster moral development in children and adolescents. Focus is on historical antecedents of organized sport for children both in and outside the school setting. Significant attention is devoted to Little League baseball and to high school football and basketball. Prerequisites: SPME 20700, SPME 29500. (IRR)  
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 39700 The Olympic Games (LA)

Investigation of the historical, cultural, and sociopolitical significance of the Olympic Games, both ancient and modern. These perspectives further a deeper understanding of the nature of sport. Prerequisites: SPME 20700, SPME 29500, or SPME 29700. (IRR)  
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. 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, principles, concepts and applications of strategic communication to meet a variety of organizational goals. Provides an overview of strategic practices in corporate communication, management, design, advertising, public relations and marketing communication. Students analyze case studies, conduct research, and design strategic solutions to contemporary organizational communication issues and problems. (F,S)

4 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 and Graphic Design (NLA)**

Introduction to the planning, design, production, and delivery of presentations supported by visual storytelling, data visualization and motion graphics. Emphasis on design and production, critical application of graphic design principles to instructional, informational, and motivational messages. Projects require creative use of graphic design practices using pixel, vector, and animation tools. Students gain practical experience in graphic design, layout, composition, image manipulation, website design, and presenting. (F-S)

Attributes: CCCS

4 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)

Attributes: CSD

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. This is a block course. Prerequisite: STCM 10300. (F-S)

1 Credit

**STCM 20400 Leading Effective Teams (LA)**

This course provides a conceptual foundation and experiential learning opportunities enabling learners to become leaders of effective and inclusive teams in various settings. Topics include team composition and life cycle, goal setting and project management, cultural competency and inclusion, conflict resolution, facilitation, and emerging kinds of teamwork including remote/hybrid work, virtual environments, and digital autonomous organizations (DAOs). (IRR)

2 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, CSD

3 Credits

**STCM 21000 Instructional Design (NLA)**

An introduction to theories, processes, and practices associated with workplace learning. Major topics include learning theory, designing training, employee development, and educational technology.

Prerequisites: STCM 10300. (F)

Attributes: ESE

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)

Attributes: CSD

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, CSD

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)

Attributes: CSD

3 Credits

**STCM 23200 Public Relations: Theory and Practice (LA)**

Defines public relations functions and processes. Examines public relations history, ethics, theories, tactics, specializations, and career opportunities. (F,S)

Attributes: UND

4 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, CSD

3 Credits

**STCM 24100 Advertising, Promotion, and Brand Experiences (LA)**

A survey of the history, organization, operation, economics, and regulation of the advertising industry. Emphasis is placed on the campaign process including target marketing, strategic planning, media analysis, creative strategy, promotions, experiential marketing, and the evaluation of advertising effectiveness. (F,S)

4 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: CSD, 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, marketing, and public communications settings. Emphasis on theoretical bases, procedures, data analysis and interpretation, ethical considerations, application of research techniques, and assessment of research credibility. Focus on the use of research to make evidence-based strategic communication recommendations. Prerequisites: STCM 10300. (F/S)

Attributes: CCRM, QL

4 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, CSD

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 examination of the media planning and selection process for integrated marketing communications campaigns. Explores digital, traditional, and non-traditional media capabilities and strategies. Particular emphasis placed on the interpretation and application of audience data to make evidence-based media planning decisions. Prerequisites: STCM 24100. (F/S) 4 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)

Attributes: CSD

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)

Attributes: CSD

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: CSD, SS

3 Credits

**STCM 33000 Advertising Copywriting and Art Direction (NLA)**

This course focuses on building a strategy to meet marketing communication goals using effective advertising across various media. Students will learn, think, and communicate through both copy and visuals as they gain experience conceptualizing, writing, and designing effective messages for media. Students will learn how to create, apply, and present these messages, as well as how to analyze and evaluate their persuasiveness. Prerequisites: STCM 24100, STCM 11100. (F,S)

Attributes: CCCS, CSD

4 Credits

**STCM 33200 Writing for Public Relations (LA)**

Fundamentals of writing for public relations. Emphasis is placed on writing for a client or in-house department; content for the web and social media platforms; preparation of specific writing tactics for journalists, nonprofits, businesses, and consumers; persuasion in writing; and clarity, flow, and other elements of proper public relations writing style. Prerequisites: STCM 23200; WRTG 10600 or ICSM 10800. (F,S)

Attributes: CCCS, WI

4 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. (S)

Attributes: DV

4 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)

Attributes: CSD

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)

Attributes: CSD  
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 6 credits. Prerequisites: Junior standing. (FS)

Attributes: CSD  
1-6 Credits

**STCM 42000 Integrated Marketing Communications Lab (LA)**

A program 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: STCM 23200; STCM 24100; MKTG 31200. (S)

4 Credits

**STCM 43000 Brand Design and Communication Lab (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: STCM 33000. (F)

4 Credits

**STCM 43400 Communication Strategy Lab (NLA)**

Program 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. This is a block course. (S)

3 Credits

**STCM 44000 Public Relations Lab (NLA)**

This capstone course is dedicated to public relations planning, including analysis of the publics involved and traditional and social media options; planning, budgeting, and scheduling; and development of problem-solving messages, activities, and/or events. Students work in account teams with real-world client projects to help organizations achieve their promotional goals. Students also undertake an independent project. Designed for advanced students in communications or for those planning a career in public relations. Prerequisites: STCM 33200. (F)

Attributes: SL  
4 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 30900 or STCM 33000. (S)

Attributes: UND

4 Credits

**STCM 45000 Communication Consulting Lab (LA)**

In the context of a simulated consulting team, students identify contemporary organizational issues and trends, conduct research and design inquiries, write and design original content, and publish insights that are engaging and actionable for business leaders. This program capstone course reinforces key concepts and skills in communication strategy and stakeholder relations, design thinking, research methods, information / presentation design, business writing, and project management. Students learn to manage project timelines and budgets, create appealing and usable recommendations, and position their expertise through professional publication and presentations. Permission of instructor required. Prerequisites: STCM 12300; STCM 28800. (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 12 credits, including London and Los Angeles internships. Enrollment limited to strategic communication majors or minors. Prerequisites: Completion of the Park School internship procedures. (FS,U,W)

Attributes: CSD  
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 12 credits. Enrollment limited to students enrolled in the Live Event Design and Management minor. Prerequisites: STCM 23000; completion of the Park School internship procedures. (FS,U,W)

Attributes: CSD  
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: CSD, 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)

Attributes: CSD

1-6 Credits

## Television & Digital Media Production (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 Production (NLA)**

Introduction to Audio Production is a practical, applied introduction to the fundamentals of sound theory and audio production for media. In this course, students will learn and practice basic techniques for recording, editing, and mixing sound. Additionally, they will gain hands-on experience in field sound recording and an introduction to Pro Tools. (F,S)

Attributes: CCCS, PROD

2 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, PROD

4 Credits

**TVR 11500 Introduction to Television and Film Production (NLA)**

Introduction to television and film production techniques, including digital camera operation, editing, lighting, scripting, media aesthetics, and logistics. Students will develop both their creative and technical skills through a combination of preproduction, production and post production exercises, projects, readings, and critiques. (F,S)

Attributes: CCCS, PROD

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 Television and Film 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 Television Series Production (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 television series production. Prerequisites: TVR 11500 or CNPH 11100. (F,S)

Attributes: PROD

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. Multi-camera aesthetic theories will be applied in creative studio productions. Prerequisites: TVR 10700. (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)

Attributes: PROD

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 for TV and Film (NLA)**

Audio Production for TV and Film offers a thorough exploration of audio production. It covers pre-production planning, on-site field recording, and post-production, following industry-standard mixing protocols for film and television. It addresses both theoretical and practical aspects of audio production, emphasizing sound design in content creation. Students gain hands-on experience through production exercises and projects, ensuring a comprehensive understanding of the audio production workflow.

Prerequisites: TVR 10500. (F,S)

Attributes: PROD

4 Credits

**TVR 28000 Making the Video Essay (NLA)**

The video essay is an open cinematic form that is used to explore ideas and often includes voice-over narration. As a form, the cinematic essay has been around for decades, but only in its most recent form "the video essay" has it become a dominant form of self-expression online. It is within this current cultural landscape that we will examine and analyze modern forms of the video essay, and that each student will produce their own original work. Prerequisites: TVR 11500 or CNPH 11100. (IRR)

Attributes: MC, PROD

2 Credits

**TVR 28400 A Brief History of Television Comedy (LA)**

This course studies key aspects of television comedy in historical and cultural contexts. Students will research specific comedians and their influence on the development of television programming and distribution through written and an oral presentation. Students will attend presentations, museum exhibitions and examine archive materials at the National Center for Comedy. (S)

1 Credit

**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)  
Attributes: PROD  
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)  
Attributes: PROD  
4 Credits

**TVR 30900 Motion Design and Animation (NLA)**

This course will introduce motion design and animation techniques using traditional and computer forms. Theoretical and conceptual approaches to motion design will be explored using commercial, independent, and student examples. Students will complete several animation projects with increasing complexity during the semester. Prerequisites: CNPH 11100 or TVR 11500. (F,S)  
Attributes: PROD  
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: PROD, UND  
4 Credits

**TVR 31200 Media Law (LA)**

This course examines the legal boundaries to freedoms of speech and press, both historically and present-day. Students learn practical applications of First Amendment rights concerning mass communication, while also investigating fundamental theories of free speech and specific issues impacting contemporary society. Course topics include government regulation of media; intellectual property (copyright and trademark); commercial speech; defamation; privacy; access to places and information; political speech; media and the judiciary; corporate speech; and reporter/source confidentiality. This course offers a combination of discussion, lecture and exercises. The incorporation of current free speech issues help to guide and inform class discussions. Prerequisites: Any TVR course at level-100, or JOUR course at level-100, or STCM course at level-100, or LGST course at level-100. (F,S)  
Attributes: LMAL, LMEL, LSCO  
4 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, STCM 10300, or any LGST course. (F,S)  
Attributes: LMAL, LMEL, LSCO  
4 Credits

**TVR 31500 Television Series Directing (NLA)**

This course has two primary agendas, one aesthetic and one technical. The aesthetic focus is on directing, 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 television series production: directing, camera work, lighting, production design, production planning, and video editing. Prerequisites: TVR 21500 or CNPH 22400. (Y)  
Attributes: PROD  
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: CNPH 10100 OR TVR 12400. (Y)

4 Credits

**TVR 32900 Race, Gender, and Digital Technology (LA)**

Racial and gendered inequalities have always been present in the construction of, and debates about, digital technologies. In this course we will examine the relationships between race, gender, and digital technologies, questioning how this digital media works to recreate, deconstruct, complicate, and obfuscate these systems of power and oppression. Our overarching goal in this course is to explore how digital technologies are historically and contemporaneously informed by race and gender politics. Students will critically reflect on the tensions and conflicts around race, gender, and digital technologies, as well as the work being done to challenge, circumvent, and create change. (Y)

Attributes: DV, WI

4 Credits

**TVR 33100 Production Management for Film, Television and New Media (NLA)**

Provides 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 covered include: production planning, budgeting, scheduling, business considerations, and post-production management. Prerequisites: TVR 11500, CNPH 11100, or permission of instructor. (Y)

4 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 34100 On-Camera Performance (NLA)**

This course is designed to introduce students to the processes and skills required to perform for on camera media. Students will hone their skills both by performing scripted and non-scripted materials for visual mass media. Students will participate by writing content and completing assignments, which are designed to be consumed by mass audiences.

(Y)

Attributes: PROD

4 Credits

**TVR 37100 Audio Post Production for TV and Film (NLA)**

Audio Postproduction involves mastering the intricate methods and approaches employed by industry experts in the post-production phase. This encompasses honing skills in scene analysis, spotting, sound editing, foley, dialogue editing, and music manipulation. Furthermore, it encompasses the art of mixing, comprehending diverse formats and standard prerequisites for various media and platforms, and adhering to delivery protocols for film and television. This process is typically facilitated through the use of industry-standard digital audio workstation (DAW) software, such as Pro Tools. Prerequisites: TVR 27100. (FS)

Attributes: PROD

4 Credits

**TVR 37200 Location Sound Recording for TV and Film (NLA)**

This is a course designed to provide students with a practical experience in details, skills, techniques and protocols to succeed as a location audio operator. The student will have a better understanding and knowledge of the equipment most commonly used for field recording through an on set experience. Prerequisites: TVR 27100. (S)

Attributes: PROD

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.

TVR 38500 and COMP 38500 are cross listed courses; students cannot receive credit for both COMP 38500 and TVR 38500. Open only to Emerging Media majors. Prerequisites: COMP 20200; Junior Standing. (S, Y)

Attributes: PROD

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)

Attributes: PROD

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 Production for TV and Film Capstone (NLA)**

The course enhances skills in audio theory, the use of professional digital audio equipment, critical listening, and the aesthetic analysis of sound for media. Students will consolidate, integrate, and apply their prior knowledge and critical thinking abilities gained from TVR 10500, TVR 27100, and TVR 37100. This will culminate in a capstone project guided by research and a written analysis. Prerequisites: TVR 37100. (S)

Attributes: PROD

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. TVR 48500 and COMP 48500 are cross listed courses; 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)

Attributes: PROD

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)

Attributes: PROD

4 Credits

**TVR 49300 Live Event Production (NLA)**

This is an advanced television production course focusing on live event broadcasting. Emphasis will be placed on the planning and the implementation of on-location productions. This course builds on previously acquired video and studio production knowledge while introducing on-location production concepts and theories. Production management, engineering, multimedia design and web-based broadcasting will be explored. Prerequisites: TVR 11500, TVR 22500 or TVR 33100. (F,Y)

Attributes: MC, PROD

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, CA, FA, TIDE

4 Credits

**THEA 10200 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 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. Combines lecture with studio work. (S,Y)

Attributes: 3B, CA, FA, TIDE

4 Credits

**THEA 10500 Introduction to Professional Theatre (NLA)**

Survey of theatre spaces, organizational structures and personnel involved in the making of professional theatre. (F,Y)

2 Credits

**THEA 10600 Race and Theatre in the United States (LA)**

This course encourages students to think critically about the formation of racialized thinking and racism in the United States and how this impacts theatre making – both historically and today. Students learn about the intersection of race and theatre in the United States through class discussions, readings, lectures, videos, exams and in-class group work.##(F,S,Y)

2 Credits

**THEA 10700 The Actor's Process (NLA)**

A summary overview of the art of acting, with introductory emphasis on core principles of the craft an actor might employ when preparing for and executing a role in a production. Students will regularly engage in exercises that reinforce the techniques employed in the craft of acting. (F,S,Y)

2 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 production activities relating to the mounting of productions. Prepares students for crew, supervision. May be repeated once. (F,S,Y)

2 Credits

**THEA 11100 Studio Foundations for Theatrical Design (NLA)**

Introductory studio course in the tools used in the designing and presentation of scenic, costume, lighting, and sound design.

Prerequisites: THEA 12000. (S,Y)

2 Credits

**THEA 11200 Scenic Technology (NLA)**

Introduction to and practical experience in general theatre scenery construction, including: machinery, tools, shop and safety procedures.

Prerequisites: THEA 11800. (F,Y)

2 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: THEA 11800. (F,Y)

2 Credits

**THEA 11400 Lighting Technology (NLA)**

Introduction to and practical experience in theatre lighting technology, including: basic electrical principles, installation and use of theatre equipment, and the responsibilities and duties of a theatrical master electrician. Prerequisites: THEA 11800. (S,Y)

2 Credits

**THEA 11500 Sound Technology (NLA)**

Introduction to and practical experience in theatre sound technology, including: basic acoustic principles, installation and use of theatre equipment, and the responsibilities and duties of a theatrical sound engineer. Prerequisites: THEA 11800. (S,Y)

2 Credits

**THEA 11600 Theatrical Properties (NLA)**

Introduction to and practical experience in theatre properties including: production, materials and techniques. Prerequisites: THEA 11800. (F,Y)

2 Credits

**THEA 11700 Scenic Art (NLA)**

Introduction to and practical experience in scenic painting, including: production, materials and techniques. (S,Y)

2 Credits

**THEA 11800 Theatrical Production Foundations (NLA)**

An in-depth foundational introduction to the technical production focusing on processes, staffing, performance spaces, and professional standards used in producing live theatre. (F,Y)

2 Credits

**THEA 12000 Theatrical Design Foundations (LA)**

An in-depth foundational introduction to the art of theatrical design, focusing on the theories, methodologies used by professional scenic, costume, lighting and sound designers. Focus on the analysis, interpretation, visualization and auralization of dramatic work. (F,Y)

Attributes: FA

2 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,IRR)

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. Corequisite: THEA 13500. (F,Y)

Attributes: FA

3 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. Corequisite: THEA 13300. (F,Y)

3 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: THEA 13500. Corequisite: THEA 13400. (S,Y)

3 Credits

**THEA 13700 Stage Combat (NLA)**

Training in hand-to-hand stage combat techniques and choreography. Offered through the Ithaca College London Center. (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 13920 The Performance Workshop and Rasaboxes (NLA)**

The Performance Workshop and Rasaboxes is an immersive program in the training and application of a suite of performance exercises devised by Richard Schechner and developed by Paula Murray Cole and others. Rigorous daily training includes yoga, extensive breath, voice and movement work, in group exercises, and performance composition. (IRR)

2 Credits

**THEA 13990 Alexander Technique Explorations (NLA)**

This course will engage the primary principles and practices of the Alexander Technique, a movement education modality that explores and facilitates one's own discovery of thinking, moving and interacting with others within any environment or activity with ease, presence and connectedness. The work will be accomplished through group exercises, readings and reflective writing/creative assignments, observation and activities, as well as optional individual lessons. (B,S,F,Y)

1 Credit

**THEA 15000 Theatre Administration Practicum I (NLA)**

Introduction to theatre administration practicum through a series of rotations in front-of-house, marketing, and events. Must be taken for two consecutive semesters in fall and spring. (F,S,Y)

2 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)

4 Credits

**THEA 15200 Theatre Administration Foundations (NLA)**

Introduction to the field of theatre administration through the lens of each professional area using the Center for Theatre and Dance's Dillingham Center as your laboratory. (F,Y)

2 Credits

**THEA 16000 Stage Management Practicum I (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)

2 Credits

**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)

2 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: Global Theatre in 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)

Attributes: WGS

4 Credits

**THEA 21000 Theatre Production II (NLA)**

Technical supervision or design assignment in production for the department. May be repeated twice for a maximum of six credits.

Prerequisites: THEA 11000. (F,S,Y)

3 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 11800. (S,Y)

2 Credits

**THEA 22200 Scenic Design (LA)**

Analysis and interpretation of dramatic works in the discipline of scenic design. Script analysis, visual research, conceptualization, and how scenery is used as a design medium to convey story. Combines lecture with studio practice. Prerequisites: THEA 12000 or THEA 10400. (F,Y)

Attributes: FA

2 Credits

**THEA 22201 Theatrical Model Building (NLA)**

Introduction to the tools and techniques used to model theatrical scenery prior to installation and the tools and standards used to document theatrical scenic design such as drafting. Prerequisites: THEA 11100.

Corequisite: THEA 22200. (F,Y)

2 Credits

**THEA 22300 Costume Design (LA)**

Analysis and interpretation of dramatic works in the discipline of costume design. Script analysis, character analysis, research, composition, and how costumes are used as a design medium to convey story. Combines lecture with studio practice. Prerequisites: THEA 12000 or THEA 10400. (F,Y)

Attributes: FA

2 Credits

**THEA 22301 Costume Rendering (NLA)**

Introduction to the tools and standards used to model theatrical costumes for collaboration and construction for theatrical costume design. Prerequisites: THEA 11100. Corequisite: THEA 22300. (F,Y)

2 Credits

**THEA 22400 Lighting Design (LA)**

Analysis and interpretation of dramatic works in the discipline of lighting design. Script analysis, visual research, conceptualization, and how light is used as a design medium to convey story. Combines lecture with studio practice. Prerequisites: THEA 12000 or THEA 10400. (F,Y)

Attributes: FA

2 Credits

**THEA 22401 Theatrical Lighting Visualization & Documentation (NLA)**

Introduction to the tools used to model theatrical lighting prior to installation and the tools and standards used to document theatrical lighting design. Corequisite: THEA 22400. Prerequisites: THEA 11100; THEA 11400; THEA 22000. (F,Y)

2 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 basic studio techniques, etc., are used to develop and present design ideas. Combines lecture with studio practice. Prerequisites: THEA 12000, THEA 10400, or TVR 27100. (F,Y)

Attributes: FA

2 Credits

**THEA 22501 Theatrical Sound Creation and Editing (NLA)**

The focus of the course is to introduce techniques and skills that are necessary for dramatic sound design. Corequisite: THEA 22500.

Prerequisites: THEA 11000 and THEA 11500. (F,Y)

2 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. (IRR)

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. (IRR)

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. B.F.A. acting or musical theatre majors only. Prerequisites: 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 23990 Intimacy Choreography (NLA)**

Introductory course in approaches and techniques of staging theatrical intimacy. Prerequisites: THEA 10700, THEA 13100, or THEA 13200. (B,IRR,Y)  
1 Credit

**THEA 24100 History of Theatre (LA)**

Evolution of global theatre from the origins of performance through the early modern era. Students analyze and evaluate the various systemic influences on global performance including – but not limited to – cultural, political, and economic influences. (F,S,Y)  
Attributes: 3B, CSA, DV, G, H, HU  
4 Credits

**THEA 24300 Cultural Context for Theatre Design I (LA)**

This course is an intensive survey of the history of significant cultural expression in aural and visual style from 3000 BCE to the 18th century intended to give each student a base knowledge to draw from and expand upon in future projects and productions. Students examine the evolution of style by studying various types of art and literature and the many socio-economic, political, and religious factors that influenced them. The class will focus on not only the absorption of information, but the process of critical thought and interpretation. (F,Y)  
Attributes: CA, TIDE  
2 Credits

**THEA 24400 Cultural Context for Theatre Design II (LA)**

This course is an intensive survey of the history of significant cultural expression in dress and architecture from the 19th century to present day. It is intended to give each student a base knowledge to draw from and expand upon in future projects and productions. Students will examine the development of visual and aural style by studying various types of art, music, and literature and the many socio-economic, political, and religious factors that influenced them. The class will focus on not only the absorption of information, but the process of critical thought and interpretation. (F,Y)  
Attributes: CA, TIDE  
2 Credits

**THEA 25000 Marketing the Arts (NLA)**

Examine integrated marketing and publicity strategies, concepts, designs, and implementation plans used by not-for-profit and for-profit organizations to attract and maintain loyal patron base. Participate in professional practice through simulated and real life application. Prerequisites: THEA 25100 or THEA 25101. (F,Y)  
4 Credits

**THEA 25100 Theatre Administration I (NLA)**

Survey of arts administration in the United States from the perspective of the arts organization or company. The course integrates real world scenarios through the study of the case method, lectures, and projects. (F,S,Y)  
2 Credits

**THEA 25101 Theatre Arts Administration II (NLA)**

Overview of theatre arts administration in the United States from the perspective of the individual arts practitioner. The course integrates guest artists/professionals, hands-on projects, and career preparation activities to understand the interrelationship between arts practitioners and administration. (F,S,Y)  
2 Credits

**THEA 25400 Theatre Administration Practicum II (NLA)**

Continuation of intermediate skills development in theatre administration practicum through a semester-long assignment in publicity, promotions, analytics, audience segmentation, and social media marketing. Prerequisites: THEA 15000. (F,S,Y)  
2 Credits

**THEA 25500 Playwriting I (LA)**

This course introduces students to the fundamental elements of play construction: plot, character, dialogue, conflict, language, rhythm, dramatic structure/journey. Through progressive writing assignments and specific feedback students are guided to complete and revise a 10-minute play, which is presented script-in-hand at the end of the semester in PlayFEST. Prerequisites: Any 100-level THEA course. (F,S,Y)  
4 Credits

**THEA 25600 Directing I (LA)**

An introduction to the fundamental tools of stage direction. Prerequisites: THEA 10700, THEA 13100, or THEA 13300. (F,S,Y)  
4 Credits

**THEA 25700 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. (F,Y)  
4 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. (F)  
4 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 Selected Topics in 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 27901 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 31000 Theatre Production III (NLA)**

Advanced technical supervision or design assignment in production for the department. May be repeated for a maximum of eight credits. Prerequisites: THEA 21000. (F,S,Y)  
0.5-4 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. (IRR)  
4 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 11200; THEA 21000. (S,Y)  
4 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. (S,Y)  
4 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)  
4 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: MSRT 14300, or TVR 27100, or both THEA 11500 and THEA 21000 (may be taken concurrently). (F,Y)  
4 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. (S,Y)  
4 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)  
4 Credits

**THEA 32200 Advanced Scenic Design (LA)**

Advanced study of the art of scenic design, examining complex and varied forms of dramatic works and the nature of collaboration inherent within theatrical design. Prerequisites: THEA 22200. (S,Y)  
Attributes: FA  
2 Credits

**THEA 32201 Advanced Drafting and Model Building (LA)**

Advanced tools and techniques used to model theatrical scenery prior to installation and the tools and standards used to document theatrical scenic design such as drafting. Prerequisites: THEA 22201. (S,Y)  
2 Credits

**THEA 32300 Advanced Costume Design (LA)**

Advanced study of the art of costume design, examining complex and varied forms of dramatic works and the nature of collaboration inherent within theatrical design. Prerequisites: THEA 22300. (S,Y)  
Attributes: FA  
2 Credits

**THEA 32301 Advanced Costume Rendering (NLA)**

Advanced topics and application in the the rendering and design documentation tools used in theatrical costume design. Prerequisites: THEA 22301. (S,Y)  
2 Credits

**THEA 32400 Advanced Lighting Design (LA)**

Advanced study of the art of lighting design, examining complex and varied forms of dramatic works and the nature of collaboration inherent within theatrical design. Additionally students will investigate varied professions within lighting design. Prerequisites: THEA 22400. (S,Y)  
Attributes: FA  
2 Credits

**THEA 32401 Advanced Lighting Visualization and Documentation (NLA)**

Advanced topics and application in the the pre-visualization and design documentation tools used in theatrical lighting design. Prerequisites: THEA 22401. (S,Y)  
2 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 22501. (S,Y)  
Attributes: FA  
2 Credits

**THEA 32501 Theatrical Mixing (NLA)**

Advanced topics and tools used in live theatrical audio mixing. Prerequisites: THEA 22501. (S,Y)  
2 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: THEA 23400. (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. (IRR)  
3 Credits

**THEA 33300 Musical Theatre Workshop I (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: THEA 23300. (S,Y)  
Attributes: FA  
2 Credits

**THEA 33400 Musical Theatre Workshop II (LA)**

A team-taught, interdisciplinary, performance-oriented course focusing on audition techniques and advanced skills for the musical theatre performer. Prerequisites: THEA 33300. (F,Y)  
2 Credits

**THEA 33500 Advanced Voice, Speech, and Dialects for the Stage (NLA)**

Advanced and specialized studies in voice production, speech sounds, dialects, and articulation. Open to BFA musical theatre majors on a space available basis, by permission of instructor. Prerequisites: THEA 23600. (F,Y)  
3 Credits

**THEA 33700 Voice-Over Acting (NLA)**

The study of the techniques of voice-over acting and their application the wide variety of voice-over genre. Prerequisites: THEA 23500 and THEA 23600. (IRR)  
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)  
2 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. (F,S,Y)  
Attributes: 3B, DLIT, G, WI  
4 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. (F,S,Y)  
Attributes: 3B, DLIT, FA, G, H  
3 Credits

**THEA 35000 Theatre Administration Practicum III (NLA)**

Advancing skills in theatre administration practicum through a semester-long assignment in a leadership role in front-of-house, marketing, or events. These practicum experiences may take place on the Ithaca College campus, regionally, abroad, or remotely. Prerequisites: THEA 25400. (F,S,Y)  
2 Credits

**THEA 35100-35800 Financing the Arts (NLA)**

Examines the historic foundation and current trends of philanthropy and commercial investing to secure funding for arts and culture productions and events. Students participate in professional practice through real-life and simulated application. Prerequisites: THEA 25100 or THEA 25101. (S,Y)  
4 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)  
4 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)  
4 Credits

**THEA 40000 NYC Field Studies (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 culminating 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 eight credits. B.F.A. Theatre Production & Design majors only. Prerequisites: THEA 31000. (F,S,Y)  
0.5-4 Credits

**THEA 41200 Theatre Production and 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. Students will reflect upon their coursework within their major and across Ithaca College. (F,Y)

Attributes: CP

2 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: THEA 33100 or THEA 33200 (may be taken concurrently). (F,Y)

Attributes: CP

1.5 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 III (LA)**

A team-taught, interdisciplinary, performance-oriented course focusing on the integration of dance, acting and musical skills, complex ensemble singing, and exposure to the process of rehearsing new works.

Prerequisites: THEA 33400. (F,Y)

Attributes: FA

2 Credits

**THEA 43400 Musical Theatre Workshop IV (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: THEA 43300. (S,Y)

Attributes: CP, 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. (IRR,Y)

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. Permission of instructor required. (S,Y)

0-1 Credits

**THEA 43700 The Business of Acting (NLA)**

Introduction to the business and self-entrepreneur side of acting and the entertainment industry. Prerequisites: THEA 33100 (can be taken concurrently). (F,Y)

1.5 Credits

**THEA 43800 Acting for Film & Media (NLA)**

Introduction to acting techniques that are specific for working in film and media such as media vocabulary, film terminology, narrative languages of film and media, on-camera auditions, and voiceover skills. Prerequisites: THEA 33100. (IRR)

3 Credits

**THEA 44100 Contemporary Developments in Theatre (LA)**

This course offers a path of exploration of contemporary developments in drama, theatre, and performance, with a focus on both US and global cutting-edge plays and performances. Students explore a variety of dramatic styles and performative methods, developing expanded tools of inquiry and analysis that contribute to their academic and professional careers. Prerequisites: THEA 24100. (F,S,Y)

Attributes: HU

4 Credits

**THEA 44400 Senior Seminar (LA)**

A selected topics seminar course combining theatre and performance history, critical theory, and adaptation. Students engage in advanced study and original research under the guidance of a faculty member and meet regularly to exchange information and hold discussions. The course culminates in a research project. Prerequisites: THEA 24100 and any dramatic literature course with a DLIT designation. (IRR)

Attributes: HU

4 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)**

This course is designed to provide students with an overview of the theoretical framework that accompanies performance in its broad definitions. Theories examined include "critical theories" including semiotics, phenomenology, post-structuralism and deconstruction, postmodern theory, and post-colonial theory, along with other contemporary theoretical discourses. Students critically analyze core theories of performance and apply them in reading, critiquing, and creating a group performance. Prerequisites: THEA 24100. (S,Y)

Attributes: HU

4 Credits

**THEA 44700 Theatre Studies Ensemble (NLA)**

Collaborative ensemble course that encourages students to apply skills from their area(s) of focus to the development and performance of a new piece of theatre. Prerequisites: Two of the following: THEA 35400, THEA 35500, or THEA 35700. (S,Y)

3 Credits

**THEA 45100 Theatre Administration Seminar (NLA)**

The culminating course for Theatre Administration majors. Through case method and reflective assignments, students consider how their major coursework has prepared them for the theatre profession, while reflecting upon the entirety of their Ithaca College experience. (S,Y)

Attributes: CP

2 Credits

**THEA 45400 Playwriting II (LA)**

Writing of a full-length play. Class discussion and analysis of student writing, supplemented by individual conferences with the instructor and rehearsals/workshops with an Ensemble of Actors. Prerequisites: THEA 25500. (S,Y)

Attributes: FA

4 Credits

**THEA 45600 Directing II (LA)**

The application of fundamental directing tools in a laboratory environment, culminating in the rehearsal and performance of a short scene. Permission of instructor required. Prerequisites: THEA 25500 with a grade of B or above. (S,Y)

4 Credits

**THEA 45700 Dramaturgy II (LA)**

This course deepens the study of dramaturgy as 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 25700. (S,Y)

4 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)

4 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)

Attributes: CP

2 Credits

**THEA 47800-47801 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 47900-47901 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 49000-49001 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 12 credits. (F,S,Y)

1-12 Credits

**THEA 49900-49901 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, Gender, and Sexuality Studies (WGST)

**WGST 10000 Introduction to Women's, Gender, and Sexuality Studies (LA)**

Provides a critical perspective that examines the world through the lens of gender and sexuality and encourages new ways of seeing and thinking about people and institutions. Interdisciplinary introduction to the questions, findings, methods, and theories of women's, gender, and sexuality studies scholarship. Examines how multiple forms of feminisms have shaped the practice of women's, gender, and sexuality studies and enabled the field to increasingly recognize differences among women.

Applies theory on gender and sexuality in order to analyze diverse conditions and experiences in the United States and across the world.

This class is open to all interested students and is a requirement for the WGSS major and minor. (F,S,Y)

Attributes: DV, ESE

4 Credits

**WGST 22000 Introduction to Queer Studies (LA)**

Examines contemporary LGBTQ (also known as queer) studies, primarily from feminist/queer/trans theoretical perspectives and utilizing a social constructionist standpoint. Includes interdisciplinary and historical explorations of LGBTQ lives and practices, with a focus on intersectionality. (F,S,Y)

Attributes: CNSL, DV, ESE, HM, SO, TIDE, TPJ, WGS

4 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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. PSYC 26100 and WGST 26100 are cross-listed courses; students may not receive credit for both. Prerequisites: PSYC 10300. (F,Y)

Attributes: ACS, CC, CNSL, DV, ESE, WGS, WGSC

4 Credits

**WGST 28800-41000 Selected Topics: Women's, Gender, and Sexuality Studies (LA)**

Topics of current interest in women's, gender, and sexuality 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 eight credits, when topics vary. (IRR)

Attributes: ESE, WGS, WGSJ

3-4 Credits

**WGST 42000 Independent Study: Women's, Gender, and Sexuality Studies (LA)**

Independent study projects are arranged individually between student and instructor. A proposal for the topic and specific plans must be approved by the coordinator of Women's, Gender, and Sexuality Studies. Permission of instructor required. Prerequisites: WGST 10000. (F,S,Y)  
 Attributes: WGS, WGS3, WGSC, WGS1  
 1-4 Credits

**WGST 43000 Internship: Women's, Gender, and Sexuality Studies (NLA)**

Internships are arranged individually at the student's request with individual instructors and a sponsoring agency. A learning contract for an internship must be approved by the coordinator of the Women's, Gender, and Sexuality Studies program and by the School of Humanities and Sciences dean's office. May be repeated once. Permission of instructor required. Prerequisite: WGST 10000. (F,S,Y)  
 Attributes: WGS, WGSC, WGS1  
 1-12 Credits

## Writing (WRTG)

**WRTG 10600 Academic Writing I (LA)**

This introductory writing course teaches academic writing as a craft that includes multiple genres and technologies. Students locate, evaluate, and integrate information into projects that see them forming and supporting their own arguments and positions. Academic writing as a craft is anchored in rhetorical situations of audience, context, purpose, language, and image. It is also an ethical practice that grapples with questions of diversity, equity, and inclusion. The course therefore enables students to enter academic, civic, and professional conversations with rhetorical awareness. (F,S,Y)  
 Attributes: 3A, HU  
 4 Credits

**WRTG 16400 Writing for Professional Success (LA)**

Introduces students to the rhetorical awareness, social conventions, and writing habits necessary to succeed in complex and diverse academic, professional, and media settings. Engages with the foundational elements of communication, preparedness, cultural competency, personal organization, and resiliency. Course materials will provide students the tools and opportunity to discover new professional interests and to turn their interests into actionable goals. (F,S,Y)  
 4 Credits

**WRTG 16600 Introduction to Literacy, Rhetoric, and Culture (LA)**

Introduces students to the ways literacies, languages, and cultures are intertwined. Studies how writerly traditions are formed across systems of identity, ideology, and power. Explores a range of rhetorical traditions, including activism and knowledge production outside of higher education. (F,S,Y)  
 4 Credits

**WRTG 17500 Introduction to Creative Writing (LA)**

This class offers a hands-on exploration of what creative writing is and why we write it. Students experiment with genres of fiction, creative nonfiction, and poetry while also challenging the boundaries of genre. Students analyze strategies used by other writers from a diverse range of cultural experiences and reflect on how creative writing engages identity in intentional ways that unveil systems of power. (F,S,Y)  
 Attributes: 3A, CA, FA, HM, MC, TIDE, TIII  
 4 Credits

**WRTG 20100 Argument: Rhetoric and Ethics (LA)**

This course teaches students to map arguments across positions, communities, and contexts, and to build skills in logic, research, cultural competency, and audience engagement. Through use of rhetorical theories, students develop projects that seek to transform conversations in social justice, current events, and scholarly inquiry. Prerequisites: ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y)  
 Attributes: HU, LSCQ, MC, WRPW, WRRRC  
 4 Credits

**WRTG 20500 Personal Essay (LA)**

Introduction to writing essays in which students explore their own memories, experiences, observations, perspectives, and identities. Emphasis is placed on self-interrogation and inquiry, as well as craft techniques such as narration, description, reflection, and analysis. Course material will provide examples of the personal essay form and help students examine the insights and limitations of personal experience as they consider the self within the context of the larger world. Prerequisites: ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y)  
 Attributes: 3A, CA, HM, HU, TIDE, WRCW, WRRRC  
 4 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: ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y)  
 Attributes: ESTS, HU, WI, WRPW  
 4 Credits

**WRTG 21300 Technical Writing (LA)**

Fundamentals for communicating technical, medical, and scientific 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: ICSM 10800, ICSM 11800, or WRTG 10600. (F,E)  
 Attributes: ESTS, HU, WI, WRPW  
 4 Credits

**WRTG 21700 Inquiry, Research, and 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, WRRRC  
 4 Credits

**WRTG 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 8 credits. Pass/fail only. Permission of instructor. (F,S,Y)  
 1 Credit

**WRTG 22500 Grammars and Usages (LA)**

Studies grammar as a constantly changing communal negotiation of how our many Englishes work. Examines grammar as it manifests in history, linguistics, literature, and education. Through both creative and technical assignments, students will develop their skills as writers, editors, copyeditors, speakers, and listeners. Prerequisites: ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y)

Attributes: HU, WRRC  
4 Credits

**WRTG 23200 Creative Nonfiction (LA)**

Advanced creative nonfiction course that blends the study of genre theory with writing practice, attention to writing process, and an introduction to nonfiction publishing in diverse venues. Focuses on writing works of various lengths that fit within, and perhaps test the boundaries of, the creative nonfiction genre. Prerequisites: 4 credits at the 200-level in WRTG. (F,S,Y)

Attributes: ESTS, HU, WRCW  
4 Credits

**WRTG 23600 Fiction Writing I (LA)**

Students study and practice strategies of writing fiction, developing skills of process including conception, planning, drafting, reflection, and revision. Students analyze and discuss fiction from a diverse range of cultural experiences. Prerequisites: WRTG 17500. (F,S,Y)

Attributes: 3A, FA, WRCW  
4 Credits

**WRTG 23800 Poetry Writing I (LA)**

A combination reading and practice course in which students will develop poetic strategies, encounter diverse contemporary lyric writing, and practice writing poetry to reflect a range of forms and modes within the genre. Attention will also be focused on how the choices we make as writers of poetry might shape what the reader experiences. Analysis of published models of poetry and student writing will lead to work in revision and culminate in a portfolio of revised pieces. Prerequisites: WRTG 17500. (F,S,Y)

Attributes: 3A, FA, WRCW  
4 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  
4 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 memoir course that blends the study of genre theory with writing practice and attention to writing process. Focuses on writing works of various lengths that fit within, and perhaps test the boundaries of, the memoir genre. Prerequisites: WRTG 20500 or WRTG 23600. (F,S,Y)

Attributes: 3A, FA, WRCW, WRRC  
4 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. Students interrogate the complex relationship between form and content, analyze fiction from a diverse range of cultural experiences, and position their own writing in the world with intentionality. Prerequisites: WRTG 23600. (S,Y)

Attributes: FA, WRCW  
4 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, WRCW, WRRC  
4 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: One 200-level course in Liberal Arts and WRTG 10600 or ICSM 10800. (S,O)

Attributes: ESTS, WI, WRPW  
4 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: One 200-level course in Liberal Arts and WRTG 10600 or ICSM 10800. (E,S)

Attributes: ESTS, WI, WRPW  
4 Credits



**WRTG 31700 Proposal and Grant Writing (LA)**

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: One 200-level course in Liberal Arts and WRTG 10600 or ICSM 10800. (F,Y)

Attributes: ESTS, SL, WI, WRPW

4 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, WRCW, WRRC

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 Rhetorics and Writing (LA)**

Explores how public writing opens windows onto social, environmental, cultural, or political realities for particular readers in specific places and times. Studies rhetorical situations—in which purpose, audience, medium, and context determine the form, including style, structure, content, and length. Through the writing they both analyze and produce, this advanced expository course invites students to bring their own values, perspectives, insights, and voice to bear on matters of public concern. Prerequisites: WRTG 20100, WRTG 20500, or WRTG 23200. (F,S,Y)

Attributes: ESTS, HU, LSCO, WRRC

4 Credits

**WRTG 32500 Writing Children's and Young Adult 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: ESE, FA, WRCW

4 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, WRRC

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 33200 Creative Nonfiction (LA)**

Advanced creative nonfiction course that blends the study of genre theory with writing practice, attention to writing process, and an introduction to nonfiction publishing in diverse venues. Focuses on writing works of various lengths that fit within, and perhaps test the boundaries of, the creative nonfiction genre. Prerequisites: 4 credits at the 200-level in WRTG. (F,S,Y)

Attributes: ESTS, WRCW

4 Credits

**WRTG 33300 Writing for Popular Media (LA)**

Covers the writing of feature articles, reviews, essay or op-ed columns, and other forms of nonfiction with attention to publication strategy. Coursework intends to prepare students for the process of publication in the professional world. Emphasis is placed on developing story ideas and writing in appropriate journalistic style, as well as researching, reporting, organizing, and pitching content suitable for publication. Prerequisites: 4 credits at 200-level in WRTG or 4 credits in JOUR. (F,Y)

Attributes: WRPW

4 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, WRCW

3 Credits

**WRTG 33600 Fiction Writing II (LA)**

Students build on the practice and strategies of Fiction Writing I to draft and revise more advanced works of fiction. Students interrogate the complex relationship between form and content, analyze fiction from a diverse range of cultural experiences, and position their own writing in the world with intentionality. Prerequisites: WRTG 23600. (F,S,Y)

Attributes: FA, WRCW

4 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, WRCW

4 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, WRPW

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

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 Writing Studies. Explores questions such as: How are authority and identity achieved in writing? How are language and literacy part of systems of power and privilege? What types of writing or discourse are privileged in higher education? How has assessment excluded certain voices in the academy? How does technology and multimodality impact how we think, read, write, learn and share cultural resources? Applies theoretical knowledge and skills to professional contexts and communities of practice. Prerequisites: WRTG 20100; WRTG 20500. (F,S,Y)

Attributes: ESE, HU, WRRC

4 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. (F,S,Y)

Attributes: HU, WRCW

4 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. Satisfies the ICC Capstone requirement. Permission of instructor required. Prerequisites: Two WRTG courses, at least one of which must be at 300-level. (F,S,Y)

Attributes: CP, WI

4 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, WRCW

4 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

## Credit from External Sources

### ACADEMIC RESIDENCY REQUIREMENT

#### First Year Students

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.

#### 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.

Satisfactory completion by transfer students of at least 48.0 semester credits at Ithaca College is required. Program requirements may stipulate more than this minimum; check program listings under the appropriate school.

Additional information regarding the awarding of transfer credits and submitting documentation can be found on the Office of the Registrar website (<https://www.ithaca.edu/academics/registrar/registrar-services/transfer-credit/>).

## 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, Cambridge Assessment Exams, and educational experiences in the armed services. Official test results should be sent to the Office of the Registrar (<https://www.ithaca.edu/academics/registrar/>). All credits are converted to semester credit hours, if they are not already so designated. 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.

For students who took the Cambridge Assessment Exams, Ithaca College can retrieve test results online in lieu of students providing original certificates. Students should provide the Office of the Registrar with their Cambridge Centre number, Cambridge candidate number, and student date of birth to allow access to student results. This information can be sent to [registrar@ithaca.edu](mailto:registrar@ithaca.edu).

Ithaca College accepts transfer credit for military coursework. Students should have their official Joint Services transcript sent electronically to Ithaca College. Visit the JST website to make your request: <https://jst.doded.mil/jst/> (<https://jst.doded.mil/jst/>)

## 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 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. All transfer students will complete a designated ICC Capstone course and its requisite reflective artifact.

Students who have completed an Associate of Arts (AA), Associate of Science (AS), 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 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 the prior course work for ICC requirements.

Information about our transfer admission process is provided on our admissions website (<https://www.ithaca.edu/admission/>) and is available from the Office of Admissions.

## 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. The degree to which such credits apply to a specific ICC requirement is dependent on a match between the Ithaca College courses meeting the requirement, the credit granted for courses completed elsewhere, and on program-specific requirements.

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 Perspectives or ICC Capstone components of 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)

## TRANSFER STUDENTS

Transfer students may use AP/IB/CLEP course credits and transferred college credit toward ICC Perspectives requirements at the discretion of the ICC Director. Any questions should be directed to [ICC@ithaca.edu](mailto:ICC@ithaca.edu).

A-Level 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 A-Level course credit to their program.

A-Level course credit is only applicable to ICC Requirements when permitted. Review the I (<https://catalog.ithaca.edu/undergrad/admission-information/advanced-placement-policy/#ICC%20Policy>) CC Policy (p. 269) for more information.

Original exam certificate must be brought to the Office of the Registrar. We will make copies of your original certificates and return the originals to you.



For additional information about Ithaca College's A-Level policies, please contact the Office of the Registrar, (<https://www.ithaca.edu/academics/registrar/>) 607-274-3127 or email [registrar@ithaca.edu](mailto:registrar@ithaca.edu).

## A-LEVELS EQUIVALENTS

All A-Level course equivalents are determined on a case-by-case basis by the Office of the Registrar and corresponding departments.

Any disputes of equivalency must be reviewed by the corresponding department. Only Advanced Level exams may transfer as Ithaca College course credit. No credit will be awarded for Advanced Subsidiary exams.

These policies (see the table of advanced placement equivalents) are in effect for students entering Ithaca College in the 2024-2025 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, phone 607-274-3127 or email [registrar@ithaca.edu](mailto:registrar@ithaca.edu). Ithaca College's ETS school code is 2325. Official score reports must be sent directly to the Office of the Registrar from College Board (<https://ap.collegeboard.org/>) before credit is granted.

AP Exam	Score	IC Course Equivalent	Credit
2D Art & Design	3	ART 18888	4
	4, 5	ART 12000	4
3D Art & Design	3, 4, 5	ART 18888	4
African American Studies	3, 4, 5	CSCR 18888	4
Art History	3, 4, 5	TRAN 18888	4
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 <sup>2</sup>	1, 2	MATH 11100	4
Chemistry	4, 5	CHEM 18888 <sup>1</sup>	3
Chinese Language & Culture	3	CHIN 10200	4
	4, 5	CHIN 18888	4
Computer Science Principles	3,4,5	COMP 18888	3
Computer Science A	3	COMP 18888	3
	4, 5	COMP 17100	4
Drawing	3	ART 18888	4
	4, 5	ART 11000	4
English Literature/Composition <sup>3</sup>	4, 5	WRTG 10600 and ENGL 18888	6
English Language/Composition <sup>3</sup>	4, 5	WRTG 10600 and ENGL 18888	6
Environmental Science	4, 5	ENVS 18888	3
European History	4, 5	HIST 18888	3

French Language & Culture	3	FREN 10200	4
	4	FREN 20000	4
	5	FREN 38888	4
German Language & Culture	3	GERM 10200	4
	4	GERM 20000	4
	5	GERM 38888	4
Government and Politics: Comparative	3, 4, 5	POLT 18888	3
Government and Politics: U.S.	3, 4, 5	POLT 18888	3
Human Geography	3, 4, 5	TRAN 18888	3
Italian Language & Culture	3	ITAL 10200	4
	4	ITAL 20000	4
	5	ITAL 38888	4
Japanese Language and Culture	3	LNGS 18888	4
	4, 5	LNGS 28888	4
Latin	3	LNGS 18888	4
		LNGS 28888	4
Macroeconomics	4, 5	ECON 18888	2
Microeconomics	4, 5	ECON 18888	2
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 12300	4
Physics C: Mechanics	3	PHYS 18888	4
	4, 5	PHYS 12200	4
Precalculus	3, 4, 5	Math 18881	4
Psychology	4, 5	PSYC 10300	3
Research	3, 4, 5	TRAN 18888	3
Seminar	3, 4, 5	TRAN 18888	3
Spanish Language & Culture	3	SPAN 10200	4
	4	SPAN 20000	4
	5	SPAN 38888	4
Spanish Literature & Culture	4	SPAN 38888	4
	5	SPAN 32500	4

Statistics	3, 4, 5	MATH 14400	4
U.S. History	4, 5	HIST 18888	3
World History	4, 5	HIST 18888	3

<sup>1</sup> Students can receive course-specific credit for , provided they earn a C or better on a department exam. Otherwise, the students should plan on enrolling in.

<sup>2</sup> Combined with an AB subscore of 3, 4, or 5 only.

<sup>3</sup> Students may not receive credit for both the English Literature/Composition and English Language/Composition exams.

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. For additional information about Ithaca College's CLEP policy, please contact the Office of the Registrar, 607-274-3127 or email registrar@ithaca.edu.

## CLEP Examination Evaluations

CLEP Exam	Min.	IC Course Equivalent	Credits
<b>General Examinations</b>			
College Composition <sup>1</sup>	50	WRTG 18888	3
College Mathematics	50	MATH 18888	3
Humanities	50	ENGL 18888 and TRAN 18888	6
Natural Science	50	TRAN 18888	6
Social Science and History	50	HIST 28888 and TRAN 18888	6
<b>Subject Examinations</b>			
American Government	50	POLT 18888	3
American Literature	50	ENGL 10500	3
		ENGL 18888	3
Analysis/ Interpretation of Literature <sup>2</sup>	50	ENGL 10700	3
		ENGL 18888	3
Biology	50	BIOL 11500	3
		BIOL 18888	3
Calculus	50	MATH 11100	4
		MATH 11200	4
Chemistry	50	CHEM 18888	3
College Algebra	50	MATH 18888	2
College Composition Modular <sup>1</sup>	50	WRTG 18888	3
English Literature <sup>2</sup>	50	ENGL 10700	3
		ENGL 18888	3

Financial Accounting	50	ACCT 22500	3
French Language	50	FREN 10100	4
		FREN 10200	4
French Language	62	FREN 10100	4
		FREN 10200	4
		FREN 20000	4
German Language	50	GERM 10100	4
		GERM 10200	4
German Language	63	GERM 10100	4
		GERM 10200	4
		GERM 20000	4
Human Growth/ Development	50	PSYC 28888	3
Introduction to Business Law	50	GBUS 20300	3
Intro to Educational Psychology	50	EDUC 21010	3
Introductory Psychology	50	PSYC 10300	3
Introductory Sociology	50	SOCI 10100	3
Information Systems	50	COMP 11000	3
Pre Calculus	50	MATH 11000	3
Principles of Macroeconomics	50	ECON 18888	2
Principles of Microeconomics	50	ECON 18888	2
Principles of Management	50	MGMT 28888	3
Principles of Marketing	50	MKTG 28888	3
Spanish Language	50	SPAN 10100	4
		SPAN 10200	4
Spanish Language	63	SPAN 10100	4
		SPAN 10200	4
		SPAN 20000	4
US History I	50	HIST 11100	3
US History II	50	HIST 11200	3
Western Civilization I	50	HIST 10100	3
Western Civilization II	50	HIST 10200	3

<sup>1</sup> Students may receive credit for only one of either College Composition or College Composition Modular.

<sup>2</sup> Students may receive credit for only one of either Analysis/Interpretation of Literature or English Literature.

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 2024-2025 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, 607-274-3127 or email registrar@ithaca.edu.

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 12000	4
English A or B (HL)*	4, 5, 6, 7	ENGL 18888 and WRTG 10600	6
French A (HL)	5, 6, 7	FREN 38888	4
French B (HL)	5, 6	FREN 28888	4
	7	FREN 38888	4
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	4
German B (HL)	5, 6	GERM 28888	4
	7	GERM 38888	4
Global Politics (HL)	4, 5, 6, 7	POLT 12900	3
Greek (HL)	5, 6	LNGS 28888	4
	7	LNGS 38888	4
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	4
Italian B (HL)	5, 6	ITAL 28888	4
	7	ITAL 38888	4
Japanese A (HL)	5, 6, 7	LNGS 38888	4
Japanese B (HL)	5, 6	LNGS 28888	4
	7	LNGS 38888	4
Latin (HL)	5, 6	LATN 28888	4
	7	LATN 38888	4
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	7
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	4
Spanish B (HL)	5, 6	SPAN 28888	4
	7	SPAN 38888	4
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

\*WRTG 10600 added for Fall 2022 cohort students and after.

## 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 B or better, transfer students will be required to meet that standard. It is the transfer student's responsibility to request that an official 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 submitted a Petition for Transfer Credit (PTC) on IC Workflow and approval has been granted prior to taking the courses.
2. The other institution has regional and/or appropriate professional accreditation (Ithaca College registrar will review during the PTC process).
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 advisor for information on this).
4. An appropriate final course grade is earned as set out under "Transfer from Another Institution" above.

The PTC approval requires the consent of the student's advisor, 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 Office of the Registrar (<https://www.ithaca.edu/academics/registrar/>).

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](mailto:icc@ithaca.edu)). The student should be prepared to provide supporting documentation as indicated above.



## Financial Aid

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- Duration and Limitations of Awards (p. 256)
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## Expenses

### Basic Annual Costs 2024-25

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.

## 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 a 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 typical 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 \$1,786 per credit. Those who exceed 18 credits per semester will be charged \$1,786 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. Application forms for part-time status are available from the Office of 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 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 assessed solely on the policies assessed by the affiliated program, which are hereby incorporated by the College. The student will be responsible for paying any remaining fees, charges, or withdrawal penalties assessed by the affiliate organization.

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. 266).

## TUITION INSURANCE

Tuition insurance reimburses you for lost college costs if you leave school for a qualified reason. Ithaca College partners with GradGuard Tuition Insurance (<https://gradguard.com/tuition/>).

## Dining

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 meal plan 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 services 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.

## 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. 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.
    - a. All bills are payable in United States currency.
- |  |          |
|--|----------|
| Tuition (full-time 12-18 credits)                            | \$53,540 |
| Tuition rate per credit hour (part-time and over 18 credits) | \$1,786  |
| Housing/Dining   | \$16,192 |
| Books and Supplies   | \$850    |
| Personal Expenses  | \$1,030  |
| Transportation Expenses                                      | \$335    |

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 (<https://www.ithaca.edu/tuition-financial-aid/>) 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](mailto:sfs@ithaca.edu).

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 federal assessment.
- 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 2.5. Please refer to specific awards

for more information. The Ithaca Sibling Grant and the Ithaca Heritage Grant 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. 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.

## 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/frequent-forms-and-links/>)'. 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 and Eligibility"). 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 and Eligibility (p. 17)

Academic Standing and Progress (p. 259)

## Summer School Assistance

Financial aid is limited for summer sessions. More information can be found on the Tuition and fees website: Summer Aid (<https://www.ithaca.edu/tuition-financial-aid/summer-aid/>).

While typically students must be enrolled for at least six credits (undergraduates) or five credits (graduates) in order to be considered for financial aid, some forms of aid for undergraduates require fewer credits. Graduate students taking fewer than five credits are not eligible for summer aid.

## 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 work at on-campus or federal work-study (FWS) community service positions up to 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 offered to students who file the FAFSA and meet all federal loan eligibility requirements. Federal loan repayment schedules, which include interest, begin six months after graduation or withdrawal from school. Alternative loans are available through private lenders. Interest rates and fees charged by private lenders have no limits and are based upon many variables, including, but not limited to, the strength of the loan co-signer and the use of primary or LIBOR rates in calculating interest. All loans must be repaid.

## 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.



International students applying for need-based assistance for the first time must complete a Financial Aid application in the IC Connect portal (<https://www.ithaca.edu/tuition-financial-aid/international-student-aid/>).

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 ensure 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 published due dates will be assessed a \$200 late fee each month for a balance that 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 adjustments to fees assessed.

### Process

The Student Fee Appeal form (<https://www.ithaca.edu/tuition-financial-aid/forms/>) is for incurred fees only. 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. Students wishing to appeal an academic issue please follow the Students' Right to Petition as outlined in the college catalog. There may be instances in which students need to complete the academic appeals process before engaging with the fee appeal process. An appeal for a 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 an appeal form (found on the SFS forms website (<https://www.ithaca.edu/tuition-financial-aid/forms/>)) to explain the 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.
- The committee meets to review the appeal and make a decision.
- Each committee member gets one vote.
- At least 5 committee members must be present to review appeals and any department with an appeal on the schedule must be present.
- Students are e-mailed the appeal decision and details for any next steps.

The Financial Aid section of the Ithaca College catalog (p. 254) 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. 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 a 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

The 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;
- death of an immediate family member; or
- administrative/college error.

#### May Not Include:

- insufficient financial aid or financial hardship;
- not being aware of due dates and deadlines;
- withdrawal to avoid low grades or dissatisfaction with a course; or
- a withdrawal 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. 6) as outlined in the college catalog.
- Submission of an appeal does not extend the due date for any outstanding charges while awaiting a 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 an 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 Office of Student Financial Service website (<https://www.ithaca.edu/tuition-financial-aid/billing-payments/emergency-loans-and-advances/>).

## 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. 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 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 greater. Ithaca College reviews the cumulative grade point average at the end of each semester.

SAP is calculated at the end of each semester. The first semester a student fails to meet the above requirements, the student will be given a warning semester. If a student is not meeting the above SAP standards after the warning semester, the student 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 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 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. If granted a one-time waiver, a student's federal and institutional aid may be reinstated for a period of one semester. 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 Policy (<https://www.ithaca.edu/tuition-financial-aid/financial-aid-policies/>).

### 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 Good Academic Standing guidelines for NYS can be found here: [Guidelines on Good Academic Standing \(https://www.hesc.ny.gov/financial-aid-professionals/programs-policies-and-procedures/appendix-c-commissioners-guidelines/\)](https://www.hesc.ny.gov/financial-aid-professionals/programs-policies-and-procedures/appendix-c-commissioners-guidelines/).

## 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.

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 \$6,300 during the academic year to as much as \$7,900 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.

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. Students must maintain at least a 3.0 CGPA.

## 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/year 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 undergraduate 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 undergraduate 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-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.

### Federal Work Study Program

### Student Employment Website

The amounts awarded through FWS and/or campus employment generally range from \$2,400 to \$3,500. 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.

## 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 \$1,000 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

## 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-](https://www.hesc.ny.gov/pay-for-college/financial-aid/types-of-financial-aid/nys-grants-scholarships-awards/flight-587-memorial-scholarship.html)

[of-financial-aid/nys-grants-scholarships-awards/flight-587-memorial-scholarship.html](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](mailto: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>).

## **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](https://www.nysed.gov/postsecondary-services/higher-education-opportunity-program-heop/)).

## 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/>). To learn about federal aid eligibility please visit the Federal Student Aid Eligibility website (<https://studentaid.gov/resources/eligibility-text/>).

## 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 \$767 to \$7,395 for the 2023-2024 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 be a Pell recipient.
- 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 or 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.

An origination fee of 1.057% will be deducted from the loan amount for subsidized loans that are first disbursed on or after October 1, 2023, and before October 1, 2024.

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 (30-59.50 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 5.50% for loans that are first disbursed on or after July 1, 2023, and before July 1, 2024. 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 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. For specific information, students should consult the Repayment Plans (<https://studentaid.gov/manage-loans/repayment/plans/>) website.

## 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 5.50%. 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 (30-59.50 credits completed),

and \$7,500 for each additional undergraduate year (60 or more credits completed), up to a total of \$31,000.

#### 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/plus-app/>), 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/mpn/>). 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:

- Biological Parent of the Dependent Undergraduate Student
- Legal Adoptive Parent of the Dependent Undergraduate Student
- Spouse of the Biological or Legal Adoptive Parent of the Dependent Undergraduate Student and is considered to be a parent in accordance with the instructions on the Free Application for Federal Student Aid (FAFSA) form for reporting income and assets on the FAFSA.

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, 2023, and before October 1, 2024.

### 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 7.54% for loans that are first disbursed between July 1, 2023, and before July 1, 2024.

## Federal Work-Study (FWS) Program

The FWS program provides employment opportunities for students.

## Selection of Recipients and Allocation of Awards

Students must file a *Free Application for Federal Student Aid (FAFSA)* as part of the application process for FWS assistance.

### 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.

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.

### Educational Programs

Veterans, reservists, and dependents are separated into different categories or "chapters" that define eligibility requirements and determine benefits. Read more about the various chapters to determine which one may apply to you. Use the links provided to find out more about each benefit type.

**Chapter 30:** Montgomery GI Bill - Active Duty (MGIB) ([http://www.benefits.va.gov/gibill/mgib\\_ad.asp](http://www.benefits.va.gov/gibill/mgib_ad.asp))

The Montgomery GI Bill Active Duty (MGIB-AD) can help you pay for education and training programs. If you've served at least 2 years on active duty, find out if you qualify for the MGIB-AD program. Review the categories on the VA website referenced above to see if you qualify.

**Chapter 31:** Vocational Readiness and Employment (<http://www.benefits.va.gov/vocrehab/>)

You may receive Veteran Readiness and Employment (VR&E) (Formerly known as Vocational Rehabilitation and Employment) services to help with job training, education, employment accommodations, resume development, and job seeking skills coaching.

**Chapter 32:** Veterans' Educational Assistance Program (VEAP) (<http://www.benefits.va.gov/gibill/veap.asp>)

Veterans eligible for assistance under Chapter 32 must have entered active duty between January 1, 1977 and June 30, 1985 (post-Vietnam) and enrolled and contributed to VEAP before April 1, 1987.

**Chapter 33:** The Post-9/11 GI Bill ([http://www.benefits.va.gov/gibill/post911\\_gibill.asp](http://www.benefits.va.gov/gibill/post911_gibill.asp))(GI Bill®)

The Post-9/11 GI Bill (Chapter 33) helps you pay for school or job training. If you've served on active duty after September 10, 2001, you may qualify for the Post-9/11 GI Bill (Chapter 33). Among other things, this bill provides funds to expand veterans' education benefits for those who have at least 90 days of aggregate service on or after September 11, 2001.

Ithaca College is a participant in the Yellow Ribbon Program, ([http://www.benefits.va.gov/GIBILL/yellow\\_ribbon.asp](http://www.benefits.va.gov/GIBILL/yellow_ribbon.asp)) which is a provision of the Post-9/11 GI Bill. The Yellow Ribbon Program can help you pay for higher out-of-state private school, foreign school, or graduate school tuition and fees that the Post-9/11 GI Bill doesn't cover. If you qualify, your school will contribute a certain amount toward your extra tuition and fees through a grant, scholarship, or similar program. VA will match the contribution.

**Fry Scholarship** - If you're the child or spouse of a member of the Armed Forces or the Selected Reserve who died on or after September 11, 2001, you may be eligible for the Marine Gunnery Sergeant John David Fry Scholarship (Fry Scholarship)

**Chapter 35:** Survivors' and Dependents' Educational Assistance Program (DEA) (<http://www.benefits.va.gov/GIBILL/DEA.asp>)

If you're the child or spouse of a Veteran or service member who has died, is captured or missing, or has disabilities, you may be able to get help paying for school or job training through the DEA program

**Chapter 1606:** Montgomery GI Bill - Selected Reserve ([http://www.benefits.va.gov/gibill/mgib\\_sr.asp](http://www.benefits.va.gov/gibill/mgib_sr.asp))

The Montgomery GI Bill Selected Reserve (MGIB-SR) program offers up to 36 months of education and training benefits. If you're a member of the Army, Navy, Air Force, Marine Corps or Coast Guard Reserve, Army National Guard, or Air National Guard, you may be eligible for this benefit. Find out if you qualify.

More benefit information is available on the Office of the Registrar's website <https://www.ithaca.edu/academics/registrar/veterans-services> (<https://www.ithaca.edu/academics/registrar/veterans-services/>)

## 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 submitted the Leave of Absence or Withdrawal Application.

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 an 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, housing, and dining).

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).

#### 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 Leave of Absence or Withdrawal Application. 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 "Leave of Absence or Withdrawal (<https://www.ithaca.edu/center-student-success/leave-absence-or-withdrawal/#a41074>)" on the Center for Student Success website.
- 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) (<http://www.acces.nysed.gov/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 (<https://ocfs.ny.gov/programs/nyscb/>), 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/>).

## Programs A - Z

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## 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 Regulations (p. 12)."

## Certificate Programs

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

## School of Business

- International Business, Certificate (p. 292) (HEGIS Code:5004)

## 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.

Students in the Exploratory Program are in one of four Pathways, designed to introduce them to the academic disciplines in four of the schools at Ithaca College: the School of Business, the School of Health Sciences and Human Performance, the School of Humanities and Sciences, and the Park School of Communications. In this way, Exploratory Program students are well positioned to identify a major and a career path that match their evolving strengths and interests. 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.

Exploratory students are assigned a faculty adviser in their Pathway's school. This helps to ensure frequent contact and the opportunity to build a relationship on which the adviser can offer more specific, individualized academic guidance. Careful planning is necessary to transfer to credit-intensive programs, so exploratory students must consult closely with members of the IC advising support network, including their faculty adviser 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/>).

## 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. 708) (HEGIS Code:0506)
- Accounting, M.S. (p. 708) (HEGIS Code: 0502)

## School of Health Sciences and Human Performance

- Athletic Training, M.S. (p. 726) (HEGIS Code: 1299.30)
- Occupational Therapy, M.S. (p. 737) (HEGIS Code:1208)
- Occupational Therapy B.S./O.T.D. (p. 738) (HEGIS Code: 1201)
- Physical Therapy, D.P.T. (p. 746) (HEGIS Code:1212)
- Physician Assistant Studies, M.S. (p. 751) (HEGIS Code: 1299.10)
- Speech-Language Pathology with Teaching Certification, M.S. (p. 756)<sup>1</sup> (HEGIS Code:1220)
- Speech-Language Pathology, M.S. (p. 757)

## School of Humanities and Sciences

- Adolescence Education 7-12, M.A.T. (p. 713)<sup>1</sup> (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. 714)
- Art Education, M.A.T. (p. 714) (HEGIS: 0831)
- Computer Science Education, M.A.T. (p. 715) (HEGIS Code: 0701.01)
- Childhood Education, M.S. (p. 716)<sup>1</sup> (HEGIS Code:0802)
- Adolescence Education Transitional B Pathway, M.A.T. (p. 716) (HEGIS Code: 0899.50)
- Agriculture Education Transitional B Pathway, M.A.T. (p. 717) (HEGIS Code: 0899.50)
- Art Education Transitional B Pathway, M.A.T. (p. 717) (HEGIS Code: 0899.50)
- Computer Science Education Transitional B Pathway, M.A.T. (p. 718) (HEGIS Code: 0899.50)
- Childhood Education Transitional B Pathway, M.S. (p. 718) (HEGIS Code: 0899.50)

## School of Music, Theatre, and Dance

- Music Education (M.M. or M.S.) (<https://catalog.ithaca.edu/graduate/music-theatre-and-dance/music-education-mm-ms/>) (HEGIS Code: 0832)

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/>).

<sup>1</sup> New York State teacher certification program

## Integrative Core Curriculum

Chrystyna Dail, Director and Associate Professor

Amy Quan, 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 topics, issues, problem areas, or human challenges 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 comprised of: The Ithaca Seminar; Perspectives courses; Academic Writing, Diversity, Quantitative Literacy, and Writing Intensive courses; and the culminating ICC capstone course. Student achievement of ICC program outcomes will be documented and demonstrated through submission and assessment of reflective artifacts throughout their ICC coursework.

## Requirements of the ICC

Code	Title	Credits
	Ithaca Seminar	4
	Perspective Courses <sup>1</sup>	9-16
	Creative Arts (CA)	
	Humanities (HM)	
	Natural Sciences (SC)	
	Social Sciences (SO)	
	Additional Requirements <sup>2</sup>	12
	Academic Writing (WRTG 10600 or ICSM 10800)	
	Writing Intensive (WI)	
	Diversity (DV)	
	Quantitative Literacy (QL)	
	ICC Capstone (CP)	0-6
	<b>Total Credits</b>	<b>25-38</b>

<sup>1</sup> Students whose major designates one Perspective as being fulfilled by the major will be required to complete Perspectives courses in the other three Perspectives and will have their degree evaluation reflect fulfillment of the major-designated Perspective. Please note that a change of major may result in changes to the Perspectives course requirements, so check with your advisor for details.

<sup>2</sup> Additional requirements may be more than 12 credits depending on courses taken.

## 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 while supporting students' ability to (1) develop and evaluate ideas and



arguments; and (2) identify and articulate assumptions that underlie an idea, argument, or creative work.

## Perspectives Courses (9-16 credits)

This coursework is based on the premise that an Ithaca College education prepares students to engage with key challenges of our time and that these complex challenges are best approached and analyzed through a variety of conceptual approaches or “Perspectives.” The student selects a series of Perspectives-designated liberal arts courses that make the experience of this portion of their ICC study intentional, integrative, and relevant. A **Perspective** is a disciplinary lens through which topics and issues are productively studied (e.g., Creative Arts, Humanities, Social Sciences, Natural Sciences). Students are required to complete a 9-16 credit Perspectives course experience. Students may not apply courses used to satisfy the Perspectives requirement to their primary major, unless their major has designated one Perspective as being fulfilled by completion of that major.

To complete the Perspectives sequence, students complete courses addressing each of the four Perspectives: Creative Arts, Humanities, Natural Science, and Social Science.

- At the decision of the department housing a major, some majors can fulfill up to one of the four Perspectives, as described above, but additional Perspectives cannot be fulfilled by primary major courses. Additionally, while an individual course may be designated with multiple Perspectives, any individual course may count toward only one Perspective in the student’s degree evaluation.

For each perspective, one student outcome focuses on methods or processes used in the perspective. A second outcome addresses how the perspective contributes to understanding broader social, cultural, and/or historical issues.

### Creative Arts Perspective (CA) (minimum 3 credits from designated courses or major)

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.

### Humanities Perspective (HM) (minimum 3 credits from designated courses or major)

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.

### Natural Sciences Perspective (SC) (minimum 3 credits from designated courses or major)

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.

### Social Sciences Perspective (SO) (minimum 3 credits from designated courses or major)

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.

## Additional Requirements/COMPETENCIES

### Academic Writing (minimum of 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. Students who score a 4, 5, 6, or 7 on the IB English A (HL) exam will receive credit for WRTG 10600 and will satisfy the Academic Writing requirement. The Ithaca Seminar numbered ICSM 10800 also fulfills this requirement.

### Diversity (DV) (minimum of 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.

### Quantitative Literacy (QL) (minimum of 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.

### Writing Intensive (WI) (minimum of 3 credits from designated courses)

All students must successfully complete one Writing Intensive (WI) course. 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.

**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?"

**Liberal Arts Coursework**

The Integrative Core Curriculum is comprised principally of liberal arts courses. Students may, as part of their degree programs, be required to complete additional liberal arts courses as part of their major requirements and degree type. Students should refer to the degree requirements in their catalog and in DegreeWorks to confirm all liberal arts courses required as part of their programs.

For additional information about the ICC, including legacy programs such as the Theme requirement and CLA, specific courses that are part of the program, and information pertaining to transfer students, please visit the Ithaca College ICC Website (<https://www.ithaca.edu/icc/>).

**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 Regulations (p. 12)" 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**

- Business Analytics (p. 288)
  - Business Analytics Minor (<https://catalog.ithaca.edu/undergrad/schools/school-business/business-analytics/business-analytics-minor/>)
- Finance (p. 289)
  - Finance Minor (<https://catalog.ithaca.edu/undergrad/schools/school-business/finance/finance-minor/>)
- Marketing (p. 290)
  - Marketing Minor (<https://catalog.ithaca.edu/undergrad/schools/school-business/marketing/marketing-minor/>)
- Business Minor (<https://catalog.ithaca.edu/undergrad/schools/school-business/business-minor/>)
- Entrepreneurship & Innovation Minor (<https://catalog.ithaca.edu/undergrad/schools/school-business/entrepreneurship-innovation-minor/>)
- Certificate in International Business (<https://catalog.ithaca.edu/undergrad/schools/school-business/certificate-international-business/>)

**Roy H. Park School of Communications**

- Department of Media Arts, Sciences, and Studies (p. 297)
  - Animation Minor (p. 313)
  - Audio Production for Television and Film Minor (p. 313)
  - International Communications Minor (p. 313)
  - Still Photography Minor (p. 313)
  - Writing for Film, Television, & Emerging Media Minor (p. 314)
- Department of Journalism (p. 314)
  - Journalism Minor (p. 316)
- Department of Strategic Communication (p. 317)
  - Advertising, Public Relations, and Marketing Communications Minor (p. 323)
  - Communication Strategy and Design Minor (p. 324)
  - Live Event Design and Management Minor (p. 324)

**School of Health Sciences and Human Performance**

- Department of Exercise Science and Athletic Training (p. 332)
  - Exercise Science Minor (p. 342)
  - Sport and Exercise Psychology Minor (p. 343)
- Department of Health Sciences and Public Health (p. 343)
  - Aging Studies Minor (p. 353)
  - Coaching Minor (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/department-health-sciences-public-health/coaching-minor/>)
  - Health Minor (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/department-health-sciences-public-health/health-minor/>)
  - Nutrition Promotion Minor (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/department-health-sciences-public-health/nutrition-promotion-minor/>)
- Department of Occupational Therapy (p. 354)
  - Occupational Science Minor (p. 359)
- Department of Speech-Language Pathology and Audiology (p. 365)
  - Communication Disorders Minor (p. 368)
  - Deaf Studies Minor (p. 369)

**School of Humanities and Sciences**

- Department of Art, Art History, & Architecture (p. 378)
  - Art Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-art-art-history-and-architecture-art-minor/>)
  - Art History and Architectural Studies Minor (p. 388)
  - Graphic Design Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-art-art-history-and-architecture/graphic-design-minor/>)
- Department of Biology (p. 390)
  - Biology Minor (p. 396)
- Center for the Study of Culture, Race and Ethnicity (p. 396)
  - African Diaspora Studies Minor (p. 401)
  - Asian American Studies Minor (p. 402)
  - Latino/a/x Studies Minor (p. 402)
  - Native American Indigenous Studies Minor (p. 402)
- Department of Chemistry (p. 402)
  - Chemistry Minor (p. 407)
- Department of Computer Science (p. 408)

- Computer Science Minor (p. 413)
- Department of Economics (p. 413)
  - Economics Minor (p. 417)
- Department of Education (p. 417)
  - Education Studies Minor (p. 421)
- Department of the Environment (p. 421)
  - Environment and Society Minor (p. 425)
- Department of History (p. 425)
  - History Minor (p. 437)
- Legal Studies (p. 438)
  - Legal Studies Minor (p. 440)
- Department of Literatures in English (p. 440)
  - English Minor (p. 447)
- Department of Mathematics (p. 448)
  - Data Science Minor (p. 454)
  - Mathematics Minor (p. 454)
- Department of Philosophy and Religion (p. 454)
  - Jewish Studies Minor (p. 462)
  - Philosophy Minor (p. 463)
  - Religious Studies Minor (p. 463)
- Department of Physics and Astronomy (p. 463)
  - Physics Minor (p. 470)
- Department of Politics (p. 470)
  - Politics Minor (p. 485)
  - International Politics Minor (p. 485)
- Department of Psychology (p. 485)
  - Psychology Minor (p. 490)
- Department of Sociology (p. 491)
  - Sociology Minor (p. 496)
- Women's, Gender, and Sexuality Studies (p. 496)
  - Women's, Gender, and Sexuality Studies Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/womens-gender-sexuality-studies/womens-gender-sexuality-studies-minor/>)
- Department of World Languages, Literatures, and Cultures (p. 497)
  - French and Francophone Studies Minor (p. 509)
  - German Area Studies Minor (p. 509)
  - Italian Studies Minor (p. 509)
  - Spanish Minor (p. 509)
  - Linguistics Minor (p. 510)
  - Translation Studies Minor (p. 510)
- Department of Writing (p. 510)
  - Writing Minor (p. 516)
- Interdisciplinary Minors (p. 516)
  - Biological Anthropology Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/interdisciplinary-studies/biological-anthropology-minor/>)
  - Counseling Minor (p. 516)
  - Global Premodern Studies Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/interdisciplinary-studies/global-premodern-studies-minor/>)
  - Latin American and Caribbean Studies Minor (p. 516)
  - Media Literacy Minor (p. 517)
  - Muslim Cultures Minor (p. 518)
  - Neuroscience Minor (p. 518)

## School of Music, Theatre, and Dance

- Music Performance (p. 543)
  - Jazz Studies Concentration (p. 592)
- Music (p. 605)
  - Music Minor (p. 609)
- Theatre and Dance Performance (p. 609)
  - Dance Minor (p. 620)
- Theatre Studies (p. 631)
  - Theatre Minor (p. 639)

## Pre-Law

### PRE-LAW ADVISING

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 provides pre-law advising to students in any academic major at the college who are interested in a post-baccalaureate path in law. The pre-law advisor provides students with access to extensive resources, including personalized counseling, 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. Students also have opportunities to meet IC staff, faculty, and alumni who have become successful attorneys and to speak with IC alumni who are currently in law school. Specific information on law schools is also available from the Center for Career Exploration and Development. Students may learn more on the Pre-Law Advising web page (<https://www.ithaca.edu/center-career-exploration-and-development/pre-law-advising/>).

## 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.

## Study Abroad

Students planning to study abroad 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. Some programs may have a higher minimum GPA requirement. Contact the Office of International Programs for further information or go to the Study Abroad website. (<https://catalog.ithaca.edu/undergrad/programsaz/study-abroad/ithaca.edu/academics/study-abroad/>)

Besides sponsoring student exchanges with international universities, Ithaca College also operates its own program in London. Through Ithaca College affiliate arrangements with 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 function found on the Office of International Programs website (<https://ithaca-sa.terradotta.com/?FuseAction=Programs.SimpleSearch>) can be used to search both College-sponsored and affiliated study abroad options. Note; that the list of affiliates is subject to review and 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. or international institutions.

## Study at the London Center

The Ithaca College London Center (<https://www.ithaca.edu/academics/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. Students may study in London for a fall or spring semester, or during the summer.

Participation in the London Center program is open to sophomore, junior, and senior students. A minimum 2.50 cumulative grade point average is required for admission to the London Center, and a 3.0 cumulative grade point average is required for an internship.

Students carry a full academic load while studying in London and enjoy many opportunities for class-related trips and other educational travel. The London Center features coursework and internships in a number of fields, including but not limited to English, history, art history, theater, business, communications, music, and social sciences. See the London Center website (<https://www.ithaca.edu/academics/london-center/academics/>) for updated course listings and descriptions.

Transportation and living costs vary, but London Center students pay Ithaca College tuition. Students will be placed in shared housing arranged by Ithaca College.

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 or an internship in London must

apply for a Student Visa, and pay the visa application fee, approximately \$625, set by the British government.

## Study at Ithaca-Sponsored Sites

For a current listing of Ithaca College study abroad programs, affiliated programs, and exchange partners, please use the program search on the Office of International Programs website. (<https://ithaca-sa.terradotta.com/?FuseAction=Programs.SimpleSearch>)

## Study in an Affiliated Program

Students enrolled in a Tier 1 or Tier 2 affiliated program remain active Ithaca College students during their semester abroad and should not take a leave of absence.

### CREDITS AND GRADES

Students on Tier 1 and Tier 2 affiliated programs are guaranteed Ithaca College credit for each course taken abroad, but study abroad course approval forms are required if students wish to use study abroad courses to satisfy specific degree requirements. If course approval forms are not submitted, only non-designated elective credits will be approved.

Students on Tier 1 and Tier 2 affiliated programs must submit either an official transcript or an official grade report from the study abroad program at the conclusion of the program to the Office of the Registrar for course work to be posted on the academic record. Grades received are calculated into students' grade point average, and students are eligible to register by their assigned time ticket for the semester they return from study abroad.

### BILLING, PAYMENT, AND FINANCIAL AID

Students participating in both Tier 1 and Tier 2 affiliated programs will be billed by Ithaca College for Ithaca College tuition, and international health insurance (cost determined by affiliated program). Students participating in a Tier 2 affiliated program may also be billed a Tier 2 study abroad fee by Ithaca College. This is a variable fee that considers the difference between a student's net tuition at Ithaca College and the tuition of the study abroad program. In the event that the affiliated program's tuition charge is greater than Ithaca College tuition, students will be billed by Ithaca College for the additional amount.

Students remit payment directly to Ithaca College for tuition, Tier 2 study abroad fee if applicable, and international health insurance. Students enrolled full-time with affiliated programs during a semester may be eligible for Ithaca College financial aid. They may also be eligible for federal and state financial aid programs.

Students will be billed directly by the affiliated program and will remit payment to the affiliated program for room and board, and other program costs, including but not limited to: program fees, housing upgrades, field trips, books and course materials, additional course fees, and visa processing services.

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.

## 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, or programs run by affiliated partners that are not on the affiliated list. 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 planning to study on a non-affiliated program during a semester must take a leave of absence from Ithaca College. Those going during a summer or winter term do not need to take a leave of absence.

### CREDITS AND GRADES

Students enrolled in non-affiliated programs are not guaranteed academic credit for their study abroad courses unless study abroad course approval forms have been submitted in advance for the courses they take abroad. Students on non-affiliated programs must submit an official transcript from the study abroad program at the conclusion of their program to the Office of the Registrar; official grade reports are not accepted unless the non-affiliated program was offered through one of the College's listed study abroad partners. Ithaca College will grant transfer credit only for grades of C- or better. Grades are not calculated into the students' Ithaca College grade point average. Students are eligible to register by their assigned time ticket for the semester after they return from study abroad, provided they have taken an approved leave of absence.

### BILLING, PAYMENT, AND FINANCIAL AID

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 on a non-affiliated program are not eligible for Ithaca College financial aid. Federal funds may be applicable to participation in non-affiliated 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.

Further information can be found online on the Study Abroad (<https://www.ithaca.edu/academics/study-abroad/>) website.

Updated: July 29, 2024

## 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. 288) (HEGIS Code: 0502)
- Business Analytics, B.S. (p. 288) (HEGIS Code: 0507)
- Finance, B.S. (p. 289) (HEGIS Code: 0505)
- Marketing, B.S. (p. 290) (HEGIS Code: 0509)

- Sport Management, B.S. (p. 290) (HEGIS Code: 0599)
- Strategic Leadership, B.S. (p. 291) (HEGIS Code: 0506)

### Roy H. Park School of Communications

- Advertising, Public Relations, and Marketing Communications, B.S. (p. 322) (HEGIS Code 0601)
- Communication Strategy and Design, B.S. (p. 323) (HEGIS Code: 0699)
- Documentary Studies and Production, B.A. (p. 309) (HEGIS Code:0699)
- Film, B.F.A. (p. 310). (HEGIS Code: 1099)
- Journalism, B.A. (p. 316) (HEGIS Code:0602)
- Sports Media, B.S. (p. 327) (HEGIS Code 0699)
- Television, Photography, and Digital Media, B.S. (p. 311) (HEGIS Code: 0603)
- Writing for Film TV and EM, B.F.A. (p. 312) (HEGIS Code 0699)

### School of Health Sciences and Human Performance

- Clinical Health Studies, B.S. (p. 364) (HEGIS Code:1201)
- Clinical Health Studies/Physical Therapy, B.S./D.P.T. (p. 364) (HEGIS Code:1201/1212)
- Exercise Science, B.S. (p. 340) (HEGIS Code:1299.30)
- Exercise Science Pre-Athletic Training, B.S. (p. 342) (HEGIS Code:1299.30)
- Health Sciences, B.S. (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/department-health-sciences-public-health/health-sciences-major-bs/>) (HEGIS Code:1201)
  - Premedical Concentration
  - Planned Clinical Concentration
- Occupational Science, B.S. (p. 358) (HEGIS Code:1201)
- Public and Community Health, B.S. (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/department-health-sciences-public-health/public-community-health-major-bs/>) (HEGIS Code:1214)
- Speech-Language Pathology, B.S. (p. 368) (HEGIS Code:1220)

### School of Humanities and Sciences

- Applied Physics, B.S. (p. 468) (HEGIS Code:1902.00)
- Architectural Studies, B.A. (p. 388) (HEGIS Code:1003)
- Art, B.A. (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-art-art-history-and-architecture/art-major-ba/>) (HEGIS Code:1002)
- Art, B.F.A. (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-art-art-history-and-architecture/art-major-bfa/>) (HEGIS Code:1002)
- Art History, B.A. (p. 387) (HEGIS Code:1003)
- Biology, B.A. (p. 395) (HEGIS Code:0401)
- Biology, B.S. (p. 396) (HEGIS Code:0401)
- Biochemistry, B.S. (p. 390) (HEGIS Code:0414)
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<sup>1</sup> New York State teacher certification program

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## School of Business

**Michael Johnson-Cramer, Dean**  
**Dawn Kline, Associate Dean**

The Ithaca College School of Business offers bachelor of science degree programs in six majors: accounting, business analytics, finance, marketing, sport management and strategic leadership. We also offer two graduate degree programs: a Master of Science in Accounting and a Master of Business Administration in Entertainment & Media Management. All programs are accredited by the Association to Advance Collegiate Schools of Business (AACSB) International.

Three characteristics distinguish our programs from their equivalents at other schools: (1) close faculty-student mentoring relationships; (2) the use of field- and project-based learning to enrich the academic experience; and (3) our continued engagement with our graduates long after they finish their degree, as evident in the many ways that alumni engage with the School and participate in the learning community.

An extensive support network, starting with a student's faculty advisor, the staff in the dean's office, and the student services team (SST), work together to help students make the choices necessary to be successful at Ithaca College and in the future.

### OUR MISSION

We provide business education for students who care about the experience as much as the outcome. We offer them real world learning, mentorship, and new ways of thinking — because sustainable enterprises need creative leaders.

**Business skills for the journey.**

### OUR VALUES

**Real Education.** Education is about facilitating our students' growth and development — in class and out, theory and practice, experiences and ideas. We meet students where they are and help them grow from there.

**A Community that Learns Together.** We want every student to feel seen, heard, respected, and challenged. We make an intellectual and an emotional investment in our work. Our collegiality, friendships, and mutual respect are the basis for authentic community.

**A Sense of Purpose.** We have an obligation to make business a catalyst for positive social change. Our students' curiosity energizes our research, and our insights inspire their curiosity. We succeed when we help them envision a more sustainable future and build careers that get them there.

### AACSB Accreditation

Accreditation by the Association to Advance Collegiate Schools of Business (AACSB) is the hallmark of excellence in business education and has been earned by less than five percent of the world's business programs. Founded in 1916, AACSB International is the longest serving global accrediting body for business schools. Ithaca College School of Business has maintained accreditation for its business degree programs at the undergraduate and masters levels since 2005.

### The Professions Program

The Professions Program is a professional development curriculum required for all School of Business students. It is a four-year pathway that allows students to develop skills and gain experiences that will prepare them to launch their careers. As one step in this pathway, School of Business students should ordinarily complete at least one internship prior to graduation. Students are not required to complete an internship for academic credit, but have the option to do so.

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- Business Analytics Major - B.S. (p. 288)
- Finance Major - B.S. (p. 289)
- Marketing Major - B.S. (p. 290)
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## Certificates

- Certificate in International Business (p. 292)

## Pathways

- Business Pathways (p. 291)

## Academic Policies

### Satisfactory/D/Fail Option

Typically, no courses may be taken on an S/D/F basis to meet business major or minor requirements. ICC Themes & Perspectives and Diversity courses and liberal arts electives may be taken S/D/F. Business courses taken as open electives above and beyond required courses may be taken S/D/F with approval of the Dean.

### APPLYING COURSES TO MORE THAN ONE Major (or Minor)

Students may use a course to satisfy degree requirements in two business majors (or a business major and minor) as long as they complete at least 12 unique credits in each. If a program of study outside the School of Business requires a business course, students majoring in that subject may also apply the course toward a business major or minor, subject to the 12 unique credit requirement.

## 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.

## INTERNSHIPS FOR CREDIT

For business students, there are two types of internships for credit. 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 major or concentration-specific elective.

Students wishing to complete an internship for credit should meet with the associate dean to discuss the application process. 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 student conduct 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 2<sup>nd</sup> 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.

## Minors

A minor is a program of study that introduces a field and provides modest depth in 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. Specific guidelines concerning business minors can be found on the catalogue pages devoted to each minor.

## 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. 288)

Subjects on this page include: Accounting (ACCT) (p. 280), Business - Interdisciplinary Studies (BINT) (p. 282), Finance (FINA) (p. 283), General Business (GBUS) (p. 284), Management (MGMT) (p. 285), and Marketing (MKTG) (p. 287).

## Accounting (ACCT)

### ACCT 22400 Accounting for the Real World (NLA)

Describes the theory and procedures used to gather financial information and to present formal financial statements of a business enterprise. Emphasizes decision-making situations and the use of quantitative techniques used in financial and managerial accounting. (Y)  
2 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, review of financial statements, the role of ethics in accounting decisions, and valuation and reporting issues for assets, liabilities, stockholders' equity, revenues, and expenses. Sophomores who have not taken the prerequisites may take the course with permission of the Dean. Prerequisites: One course in Business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT). (F,S,Y)  
2 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. (F,S,Y)  
2 Credits

**ACCT 22700 Financial and Managerial Accounting for Decision Making (NLA)**

Introduces measurement and reporting concepts underlying the accounting system. Communicating financial information to users external to the organization and the uses of accounting information in managerial decision-making, planning, and control within the firm. Financial topics include information processing, financial statements, the role of ethics in accounting decisions, and valuation and reporting issues. Managerial topics include cost estimation and pricing, budgets, planning, and reports for managerial use, emphasizing use of accounting outputs in the decision-making process. Sophomores who have not taken the prerequisites may take the course with permission of the Dean. Prerequisites: One course in Business (ACCT, BINT, FINA, INTB, MGMT, MKTG, or SMGT). (F,S)  
4 Credits

**ACCT 30700 Commercial Law (NLA)**

Introduction to commercial law concepts. Topics include common law contracts and sales contracts under the UCC, business entity selection, formation, operation, and termination, and the rights and obligations of owners and management; determining employee versus independent contractor status, and why it matters; agency law; creditor-debtor law (including secured transactions, mortgages, and bankruptcy); and anti-bribery laws. Emphasis on the application of legal concepts to solve problems. (Y)  
4 Credits

**ACCT 31500 Cost Analysis and Decision Making (NLA)**

Improve decision-making skills with a focus on cost-benefit analysis. Read and write case analysis. Emphasis on logical organization and presentation of thoughts. Participate in budgeting, cost analysis, non-routine decisions, process and job costing, and performance measurement. Prerequisites: ACCT 22600 or ACCT 22700. (S)  
4 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)**

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 or ACCT 22700. (F,Y)  
4 Credits

**ACCT 34600 Intermediate Accounting II (NLA)**

Continuation of Intermediate Accounting I. Includes complex topics related to balance sheet valuation and income measurement as well as both topical coverage and reporting considerations. Examination of detailed pronouncements and 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. (S,Y)  
4 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)**

Recognize the issues in the public company auditing environment and introduce the audit process. Verify the need for financial statement audits, the current audit regulatory environment, audit reports, audit evidence, audit planning procedures, inherent risk, internal control, analytical procedures, statistical sampling, tests of controls, and substantive audit tests. Prerequisites: ACCT 34500. (F)  
4 Credits

**ACCT 49300 Tax Accounting (NLA)**

Introduction to the present structure of tax law in the United States; basis for income tax computations; concepts of gross income, adjusted gross income, deductions, exemptions, credits, and Form 1040 and various schedules. Emphasis on tax issues and problems relating to individual taxpayers. Prerequisites: ACCT 22500 or ACCT 22700. (F,Y)  
4 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: VITA Tax Clinic (NLA)**

Prepare tax returns and work in tax advocacy that mirrors tax practice in accounting firms. Successfully pass the IRS VITA volunteer tax preparer exam following intensive course. Maintain the professional requirements of the established tax practice. Tax returns are computerized and electronically filed. Use collaborative learning strategies to provide tax advocacy and disseminate information to taxpayers who have English as a second language. Prerequisites: ACCT 49300. (S,Y)  
Attributes: SL  
2-4 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 6 credits 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 6 credits 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, namely management, finance, accounting, operations, marketing, entrepreneurship, and sustainability. Links the challenges faced by first-year college students with similar demands on management in business settings. (F,Y)

4 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)**

Introduction to fundamentals of investments. Discusses the basic concepts and principles of investing, with a focus on equity, fixed income, currency, and commodity investing as well as factors that influence price changes, and investment risk and return. (B,F,S,Y)  
2 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)**

Introduces personal finance, dealing with various aspects of individual financial decision-making. Financial investments, including stocks, bonds, and mutual funds, and an overview of the individual income tax system. Fundamentals of personal financial statements, financing home and auto purchases, retirement planning, estate management, and insurance are also covered. (Y)  
4 Credits

**FINA 20300 Financial Markets and Institutions (NLA)**

Introduces the structure and operations of the U.S. financial system through examination of the economy and the major financial institutions, markets, and instruments that compose it. Emphasis on the functions and interrelationships of these elements and on identifying various government institutions and regulations overseeing the operation of the system. Focus on current or historical events that shape financial markets, financial institutions, and the economy. Prerequisites: ECON 12000. (F,S,Y)  
4 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 (NLA)**

Provides foundation needed to make decisions that affect individual short- and long-term financial well-being and introduces students to concepts relevant to the Wealth Management profession. Explores basic concepts and their applications through self-analysis, case studies, and interactive web-based tools. Prerequisites: BINT 10100 or ACCT 22500 or ACCT 22700. (F,S,Y)  
4 Credits

**FINA 30301 Introduction to Applied Python in Finance (LA)**

Introduces Python, including the ability to write basic Python code to help with financial analysis of capital market investments. Teaches basics of Python, including the Python environment, data types, loops, functions, and some specific libraries. Provides applications of Python skills and statistical tools to analyzing capital market data. Prerequisites: FINA 31100 and MATH 14400 or MATH 14500 or PSYC 20700. (B,S)  
2 Credits

**FINA 30400 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 30401 Introduction to Derivatives (NLA)**

Examines derivatives products that have become increasingly important in the world of finance and investments, including how derivatives markets are used by finance professionals to speculate and hedge market risk, interest rate risk, and credit risk. Derivatives covered include options, forwards, futures, and swaps. Prerequisites: FINA 31100. (IRR)  
2 Credits

**FINA 30402 Mini-courses in Finance- Intro to Derivatives (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)**

An in-depth examination of the principle of time value of money with its applications in various areas of financial decision making in organizations to include stock and bond valuation, capital budgeting, and capital structure within the risk-return framework. Decisions about dividend policies, operating and financial leverage, and sources of short-term financing are also addressed. Prerequisites: ECON 12000 and ACCT 22500 or ACCT 22700. (F,S,Y)  
4 Credits

**FINA 31500 Real Estate Finance (NLA)**

In-depth examination of financing of residential and commercial income producing properties including types of loans, underwriting, appraisal, and closing, cash-flow identification, and tax implications. Decisions about leverage, within the risk-return framework, real estate investment performance, and sources of real-estate funding are addressed. A review of secondary mortgage markets, and the role of government policies are also discussed. Prerequisites: FINA 31100. (IRR)  
4 Credits

**FINA 32100 Investments (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, Macaulay duration and related topics, intro to derivatives. Prerequisites: FINA 31100. (F,S,Y)  
4 Credits

**FINA 37000 International Finance (NLA)**

Examines 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. Explores the dynamic relationship between exchange rates and fundamental economic variables. Prerequisites: FINA 31100. (S,Y)  
4 Credits

**FINA 37500 Fixed Income Analysis (NLA)**

Introduces basic concepts of fixed-income investing and fixed-income instruments. Includes bond valuation, the yield curve, fixed-income risk management, as well as the impact of the macroeconomic fundamentals, particularly changes in interest rates. Explores the practice of fixed income securities, analysis, and investing. Students actively manage a fixed income portfolio. Prerequisites: FINA 32100. (S,Y)  
4 Credits

**FINA 38000 Equity Analysis (NLA)**

Explores the process of equity analysis and valuation and prepares students to make buy recommendations on stocks that could be added to the South Hill Fund. Exposure to real-world activities of equity portfolio investing including security analysis and investment decision-making, trade execution considerations, portfolio formation, and risk management as well as ongoing position assessment and performance evaluation. Prerequisites: FINA 32100. (F-S, Y)  
4 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)**

Explores wealth management topics including fiduciary responsibility, investments, risk tolerance, asset allocation, and taxation. Wealth management involves customized and sophisticated solutions dependent on the net-worth and financial objectives of the investor household. Strategies 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)  
4 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 Assets (NLA)**

Explores the alternative assets industry, as well as the products and investment strategies in this category that are used for diversification and hedging purposes. In-depth analysis of vehicles such as hedge funds, private equity, private debt, commodities, and real estate. Prerequisites: FINA 32100. (F,Y)  
4 Credits

**FINA 48000 Advanced Business Finance (NLA)**

Capstone in finance that combines theories of financial management with business applications through case analysis and use of spreadsheet software. Financial theories underlying risks and return, capital structure and cost of capital, optimal capital budget, short- and long-term financing decisions, mergers and acquisitions, leasing, and dividend policy are examined. Prerequisites: FINA 32100. (F,Y)  
4 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 6 credits 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 6 credits in the subject matter. Prerequisites: Dean permission. (B,IRR,U,Y)  
1-3 Credits

**General Business (GBUS)****GBUS 20300 Business Law I (NLA)**

Introduction to contracts law under both the common law and the Uniform Commercial Code. Topics include contract formation (offers, counteroffers, consideration, and acceptance), enforcement, breach, and damages. Emphasis is placed on the application of legal concepts to solve problems. (Y)  
2 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 11100 Introduction to Business (NLA)**

Provides an introductory overview of business, including its managerial, economic, political, and social environments. Emphasis in the areas of management, marketing, finance, and accounting, and how knowledge in each of these areas can help students solve business cases. (Y)

2 Credits

**MGMT 20600 Organizational Behavior and Ethics (LA)**

Exposes students to two major areas of inquiry: 1) how to successfully manage life at work, and 2) how to apply ethical concepts/tools related to the management of organizations. In doing so, it investigates ethical theories and their application in the workplace, as well as topics on how individuals and groups act within the organizations where they work including: employee attitude development, personality, motivation, group structure and dynamics, leadership, decision-making, and job design. Sophomores who have not taken the prerequisites may take the course with permission of the Dean. Prerequisites: Two courses in business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT), or ECON. (F,S,Y)

4 Credits

**MGMT 21200 Pop-Up Start-Up (NLA)**

Explores entrepreneurial and established business use of Pop-Ups and non-traditional venues as foundational elements of their business plan. Explores how trade shows and conventions, in some ways the ultimate pop-up, are used to aid business development. Opportunity to design and create a Pop-Up event. (S,Y)

2 Credits

**MGMT 21300 Hidden Entrepreneurs (NLA)**

Study of unique and unexpected entrepreneurs and how their entrepreneurial spirit helps drive American business. Focuses on a variety of businesses and businesspeople that embody the concept of entrepreneurship in different ways and forms, and in different types of organizations. Includes an in-depth study of one Hidden Entrepreneur through industry/category research and first-hand/direct interviews. (F,S,Y)

4 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)

4 Credits

**MGMT 22500 Business Models and the Art of Profitability (NLA)**

Covers the design and economic drivers for an array of 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 differences in an interactive classroom environment. (F,Y)

2 Credits

**MGMT 23000 Entrepreneurial Innovation (NLA)**

Learn how to generate ideas for a new business venture. 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. Hands-on and real world focus with emphasis on students preparing to launch real companies. (F,Y)

2 Credits

**MGMT 23500 Ideas into Action: Launching your Business Idea (NLA)**

Covers launching an entrepreneurial business by applying the best practices in starting new companies to your business idea. Provides a 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 to success. Opportunity to plan and communicate business model with a business pitch appropriate for presenting to experienced and successful alumni and community entrepreneurs. Prerequisites: MGMT 23000. (S,Y)

4 Credits

**MGMT 26000 Business Analytics and Technology I (NLA)**

Concepts and principles of business data analytics and the role analytics plays in business management. The focus is on business data analytics techniques. Students will use up-to-date data analytic tools and must demonstrate proficiency in the use of these tools as part of the course requirement. Prerequisites: MATH 14400 or MATH 14500 or PSYC 20700. (F,S,Y)

2 Credits

**MGMT 26100 Business Analytics & Technology II (NLA)**

Covers the concepts and principles of business data analytics and the role analytics plays in business management. Focuses on business data analytics techniques, including the creation of reports and dashboards for decisions makers using spreadsheet tool (Microsoft Excel). Culminates with required Microsoft Excel Certification exam.

Prerequisites: MGMT 26000. (F,S)

2 Credits

**MGMT 29800 ITHACON: Promoting and Managing Conventions (NLA)**

Uses the creation and strategic planning of the long-running annual pop culture event, ITHACON, to explore tradeshow and conventions through this event specific to the entertainment business and the broader entrepreneurial world of pop culture. Focuses on analysis and planning for the upcoming ITHACON. (S)

4 Credits

**MGMT 30500 Data-Driven Management Decisions (NLA)**

Explores development of solid analytic practices using data from surveys and interviews. Students develop ability to assess the quality of knowledge derived from management research, 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 analyzed. Prerequisites: MGMT 20600; MATH 14400, MATH 14500, or PSYC 20700. (S)

4 Credits



**MGMT 31200 Leadership and Collaboration (LA)**

Focuses on the nature of leadership and power dynamics in modern organizations. Develops students' abilities to create and use sources of power and to create a climate for leadership and change. 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. 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)

4 Credits

**MGMT 34000 Human Resource Management (NLA)**

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. Challenges beliefs regarding organizational policies based on personal experiences and exposure. Examines a variety of perspectives to support a more complete picture of factors that must be considered in developing organizational human resource management policies. Prerequisites: Three courses in business or social sciences. (Y)

4 Credits

**MGMT 34500 Operations Management (NLA)**

An introduction to operations management 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. Prerequisites: MATH 10400, MATH 10800, or MATH 11100 and MATH 14400, MATH 14500, or PSYC 20700. (F,S,Y)

2 Credits

**MGMT 34600 Project Management (NLA)**

Covers key components of project management including project scope management, project time and cost management, quality management, human resource considerations, communications, risk management, and procurement management. Prepares students to take the Project Management Institute (PMI)'s "PMI Project Management Ready" certification exam. Prerequisites: MGMT 34500. (F,S)

2 Credits

**MGMT 36500 Intermediate Business Analytics (NLA)**

Provides background and skills necessary to analyze data, including big data, in support of decision making in the business environment. Covers foundations of business analytics, descriptive analytics, and predictive analytics. Computer-based tools (e.g., TABLEAU) incorporated throughout the course. Primary analytical foundation is the spreadsheet and, to a lesser extent, the database. Develops expertise in a) database technology such that forms and reports can be created and generated and b) advanced spreadsheet technologies to include use of dashboards. Prerequisites: MGMT 26000 and MGMT 26100. (S)

4 Credits

**MGMT 39100 Managing for Sustainability (NLA)**

Examines the challenge of maintaining sustainable business strategies while meeting the needs of various stakeholders. Investigates various models of business sustainability and how to integrate sustainability concerns into managerial functions. Prerequisites: MGMT 20600. (IRR)

2 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 34500. (F,S,Y)

Attributes: CP

4 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. 3 credits. (F,IRR)

3 Credits

**MGMT 46000 Leading Organizational Change (NLA)**

Capstone course for strategic leadership major. In-depth examination of the nature, strategies, models, and intervention activities associated with planned change efforts for organizational improvement. Builds 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 31200. (S,Y)

4 Credits

**MGMT 48100 Advanced Decision Making with Analytics (NLA)**

Provides a multidisciplinary perspective on analytics, applying a wide range of techniques in diverse settings. Employs 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. Content and exercises 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)

4 Credits

**MGMT 49600 Negotiations (NLA)**

Studies the art and science of securing agreements between two or more interdependent parties. Understanding the behavior and relationships of individuals, groups, and organizations in the context of cooperative and competitive situations. Building a negotiation skill set that can be used in a broad array of organizational situations and personal life. Experiential application of negotiation skills and analytic frameworks to create optimal solutions to problems. (S,Y)

2 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 6 credits 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 6 credits in the subject matter. Prerequisites: Dean permission. (B,F,S,IRR,U,Y)  
1-3 Credits

## Marketing (MKTG)

**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. Juniors who have not taken the prerequisites may take the course with permission of the Dean. Prerequisites: Three courses in business (SMGT, BINT, ACCT, FINA, GBUS, INTB, MKTG, or MGMT) or STCM, with at least one course at the 200-level. (F,S,Y)  
4 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)  
4 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. Explores 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. (B,Y)  
2 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. (IRR)  
2 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: MKTG 31200. (IRR)  
1-4 Credits

**MKTG 41100 Marketing Analytics I (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 and quantitative methods and application of latest software packages. Prerequisites: MATH 14400 or MATH 14500 or PSYC 20700 or TVR 26300 or STCM 28800; MKTG 31200. (F-S,Y)  
2 Credits

**MKTG 41200 Marketing Analytics II (NLA)**

Builds on material in Marketing Analytics I, exploring concepts in more depth. Focuses on impact of digital data acquisition and processing (big data), advanced monitoring tools, and advanced statistical techniques for correlation and clustering. Includes hands-on applications with appropriate statistical analysis and data visualization programs. Prerequisites: MKTG 41100. (B,Y)  
2 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)**

Capstone for marketing majors. Students identify and apply appropriate marketing concepts gained through earlier coursework. Analysis of actual and hypothetical marketing situations. Students react to or solve marketing problems by applying marketing concept, mix, and strategy, as well as a strategic perspective. Prerequisites: MKTG 31200; MKTG 32300; MKTG 41100. (S,Y)  
4 Credits

**MKTG 49100 Digital Marketing (NLA)**

Marketing concepts and strategies for the digital age. Exploration of the paradigm changes in marketing and the impact of digital communication technologies. Combining theory and practice to develop skills and strategies in using new media tools to achieve marketing objectives.

Prerequisites: MKTG 31200. (F,S,Y)

4 Credits

**MKTG 49700 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. (IRR)

1-4 Credits

**MKTG 49701 Brand Management (NLA)**

Exploration of brand management, including the product and branding decisions that must be made to build, measure, manage, and maintain brand equity. Prerequisite: MKTG 31200. (IRR)

2 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 8 credits may be earned in any combination of internship (ACCT/FINA/INTB/MGMT/MKTG 49800) and BINT 39800. Pass/fail only. Permission of Dean required. (F, S, SUM, W)

1-8 Credits

**MKTG 49900 Independent Study: Marketing (NLA)**

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 6 credits in the subject matter. (B,F,S,IRR,U,Y)

1-4 Credits

## Accounting Major — B.S.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

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
	Accounting Major Requirements	66
	Integrative Core Curriculum and Electives <sup>1</sup>	54
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is not approved to fulfill a perspective course for the Integrative Core Curriculum (p. 269).

## Degree Requirements

Code	Title	Credits
<b>BUSINESS CORE REQUIREMENTS</b>		
BINT 10100	World of Business	4
ECON 12000	Principles of Economics	4
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:		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 22700	Course ACCT 22700 Not Found	4
MGMT 20600	Organizational Behavior and Ethics	4
MGMT 26000	Business Analytics and Technology I	2
FINA 31100	Business Finance	4
MGMT 34500	Operations Management	2
MKTG 31200	Principles of Marketing	4
MGMT 42100	Strategic Management (ICC CP)	4
<b>ACCOUNTING REQUIREMENTS</b>		
ACCT 30700	Commercial Law	4
ACCT 31500	Cost Analysis and Decision Making	4
ACCT 34500	Intermediate Accounting I	4
ACCT 34600	Intermediate Accounting II	4
ACCT 40600	Auditing	4
ACCT 49300	Tax Accounting	4
Select one of the following:		2
ACCT 49600	Practicum in Tax Accounting: VITA Tax Clinic	
ACCT 49800	Internship with Academic Enhancement	
<b>Total Credits</b>		<b>66</b>

## Business Analytics - B.S.

### Summary

Code	Title	Credits
	Business Analytics B.S. Major Requirements	61-63
	Integrative Core Curriculum and Electives <sup>1</sup>	57-59
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is not approved to fulfill a perspective course for the Integrative Core Curriculum (<https://catalog.ithaca.edu/undergrad/programsaz/integrative-core-curriculum/>).

## Degree Requirements

Code	Title	Credits
<b>BUSINESS CORE REQUIREMENTS</b>		
BINT 10100	World of Business	4
ECON 12000	Principles of Economics	4
MATH 10400	Finite Mathematics with Calculus or MATH 1080C Applied Calculus or MATH 1110C Calculus I	4
MATH 14400	Statistics for Business, Economics and Management or MATH 14500 Statistics for the Health, Life, and Social Sciences or PSYC 20700 Statistics in Psychology	4
ACCT 22700	Financial and Managerial Accounting for Decision Making	4
MGMT 20600	Organizational Behavior and Ethics	4
MGMT 26000	Business Analytics and Technology I	2
FINA 31100	Business Finance	4
MGMT 34500	Operations Management	2
MKTG 31200	Principles of Marketing	4
MGMT 42100	Strategic Management	4
<b>BUSINESS ANALYTICS REQUIREMENTS</b>		
COMP 17100	Principles of Computing Science I	4
MATH 24600	Intermediate Statistics	3
MGMT 26100	Business Analytics & Technology II	2
MGMT 34600	Project Management	2
MGMT 36500	Intermediate Business Analytics	4
MGMT 48100	Advanced Decision Making with Analytics	4
Select one analytics elective: <sup>1</sup>		2-4
ACCT 31500	Cost Analysis and Decision Making	
ECON 33300	Econometrics	
MGMT 30500	Data-Driven Management Decisions	
MKTG 41100	Marketing Analytics I	
<b>Total Credits</b>		<b>61-63</b>

<sup>1</sup> Other analytics-related courses may be approved at the discretion of the department chair.

## Finance - B.S.

### Summary

Code	Title	Credits
	Finance B.S. Major Requirements	64
	Integrative Core Curriculum and Electives <sup>1</sup>	56
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is not approved to fulfill a perspective course for the Integrative Core Curriculum (<https://catalog.ithaca.edu/undergrad/programsaz/integrative-core-curriculum/>).

## Degree Requirements

Code	Title	Credits
<b>BUSINESS CORE REQUIREMENTS</b>		
BINT 10100	World of Business	4
ECON 12000	Principles of Economics	4
MATH 10400	Finite Mathematics with Calculus or MATH 1080C Applied Calculus or MATH 1110C Calculus I	4
MATH 14400	Statistics for Business, Economics and Management or MATH 14500 Statistics for the Health, Life, and Social Sciences or PSYC 20700 Statistics in Psychology	4
ACCT 22700	Financial and Managerial Accounting for Decision Making	4
MGMT 20600	Organizational Behavior and Ethics	4
MGMT 26000	Business Analytics and Technology I	2
FINA 31100	Business Finance	4
MGMT 34500	Operations Management	2
MKTG 31200	Principles of Marketing	4
MGMT 42100	Strategic Management	4
<b>FINANCE REQUIREMENTS</b>		
FINA 32100	Investments	4
FINA xxxxx	FINA electives at the 200-level and above, with at least 4 credits at the 400-level. Students may choose an optional concentration (see below) to satisfy this requirement.*	20
*The following courses outside of Finance may count towards the FINA electives requirement:		
ACCT 34500	Intermediate Accounting I	
ACCT 49300	Tax Accounting	
ECON 33300	Econometrics	
MKTG 32500	Sales and Sales Promotion	
MGMT 26100	Business Analytics & Technology II	
<b>Total Credits</b>		<b>64</b>

### Optional concentrations

Students may choose an optional concentration to meet their Finance requirements.

#### Asset Management Concentration

Code	Title	Credits
FINA 32100	Investments	4
FINA 37500	Fixed Income Analysis	4
FINA 38000	Equity Analysis	4
FINA 42000	Alternative Assets	4
FINA xxxxxx	Additional FINA electives at the 200-level and above	8
<b>Total Credits</b>		<b>24</b>



**Wealth Management Concentration**

Code	Title	Credits
FINA 21000	Personal Financial Planning	4
FINA 32100	Investments	4
MKTG 32500	Sales and Sales Promotion	2
FINA 40500	Wealth Management	4
FINA xxxxxx	Additional FINA electives at the 200-level and above	10
<b>Total Credits</b>		<b>24</b>

**Marketing - B.S.****Summary**

Code	Title	Credits
Marketing B.S. Major Requirements		62
Integrative Core Curriculum and Electives <sup>1</sup>		58
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is not approved to fulfill a perspective course for the Integrative Core Curriculum (<https://catalog.ithaca.edu/undergrad/programsaz/integrative-core-curriculum/>).

**Degree Requirements**

Code	Title	Credits
<b>BUSINESS CORE REQUIREMENTS</b>		
BINT 10100	World of Business	4
ECON 12000	Principles of Economics	4
MATH 10400	Finite Mathematics with Calculus or MATH 1080C Applied Calculus or MATH 1110C Calculus I	4
MATH 14400	Statistics for Business, Economics and Management or MATH 14500 Statistics for the Health, Life, and Social Sciences or PSYC 20700 Statistics in Psychology	4
ACCT 22700	Financial and Managerial Accounting for Decision Making	4
MGMT 20600	Organizational Behavior and Ethics	4
MGMT 26000	Business Analytics and Technology I	2
FINA 31100	Business Finance	4
MGMT 34500	Operations Management	2
MKTG 31200	Principles of Marketing	4
MGMT 42100	Strategic Management	4
<b>MARKETING REQUIREMENTS</b>		
MKTG 32300	Consumer Behavior	4
MKTG 41100	Marketing Analytics I	2
MKTG 48600	Senior Seminar in Marketing	4
MKTG 49100	Digital Marketing	4
MKTG xxxxx	Marketing electives at the 300-level or above <sup>1</sup>	8
<b>Total Credits</b>		<b>62</b>

<sup>1</sup> Other marketing-related courses may be approved at the discretion of the department chair.

**Sport Management - B.S.****Summary**

Code	Title	Credits
Sport Management B.S. Major Requirements		64
Integrative Core Curriculum and Electives <sup>1</sup>		56
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is not approved to fulfill a perspective course for the Integrative Core Curriculum (<https://catalog.ithaca.edu/undergrad/programsaz/integrative-core-curriculum/>).

**Degree Requirements**

Code	Title	Credits
<b>BUSINESS CORE REQUIREMENTS</b>		
BINT 10100	World of Business	4
ECON 12000	Principles of Economics	4
MATH 10400	Finite Mathematics with Calculus or MATH 1080C Applied Calculus or MATH 1110C Calculus I	4
MATH 14400	Statistics for Business, Economics and Management or MATH 14500 Statistics for the Health, Life, and Social Sciences or PSYC 20700 Statistics in Psychology	4
ACCT 22700	Financial and Managerial Accounting for Decision Making	4
MGMT 20600	Organizational Behavior and Ethics	4
MGMT 26000	Business Analytics and Technology I	2
FINA 31100	Business Finance	4
MGMT 34500	Operations Management	2
MKTG 31200	Principles of Marketing	4
MGMT 42100	Strategic Management	4
<b>SPORT MANAGEMENT REQUIREMENTS</b>		
SMGT 11000	Introduction to Sport Management	4
SMGT 28000	Practicum in Sport Management (usually taken twice for two credits)	4
SMGT 30300	Sport Law	4
SMGT 32600	Sport Marketing	4
SMGT 33500	Sport Event and Facility Management or SMGT 38500 Sport Sales and Sponsorship	4
SMGT, SPME, PHED xxxxx	SMGT electives, including up to 3 credits in SPME or PHED	4
<b>Total Credits</b>		<b>64</b>

# Strategic Leadership - B.S.

## Summary

Code	Title	Credits
	Strategic Leadership B.S. Major Requirements	64
	Integrative Core Curriculum and Electives <sup>1</sup>	56
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is not approved to fulfill a perspective course for the Integrative Core Curriculum (<https://catalog.ithaca.edu/undergrad/programsaz/integrative-core-curriculum/>).

## Degree Requirements

Code	Title	Credits
BUSINESS CORE REQUIREMENTS		
BINT 10100	World of Business	4
ECON 12000	Principles of Economics	4
MATH 10400	Finite Mathematics with Calculus or MATH 10800Applied Calculus or MATH 11100Calculus I	4
MATH 14400	Statistics for Business, Economics and Management or MATH 14500Statistics for the Health, Life, and Social Sciences or PSYC 20700 Statistics in Psychology	4
ACCT 22700	Financial and Managerial Accounting for Decision Making	4
MGMT 20600	Organizational Behavior and Ethics	4
MGMT 26000	Business Analytics and Technology I	2
FINA 31100	Business Finance	4
MGMT 34500	Operations Management	2
MKTG 31200	Principles of Marketing	4
MGMT 42100	Strategic Management	4
STRATEGIC LEADERSHIP REQUIREMENTS		
MGMT 26100	Business Analytics & Technology II	2
MGMT 31200	Leadership and Collaboration	4
MGMT 34600	Project Management	2
MGMT 46000	Leading Organizational Change	4
MGMT xxxxx	Management electives at the 200-level and higher, with at least 4 credits at the 300-level. <sup>1</sup>	12
<b>Total Credits</b>		<b>64</b>

<sup>1</sup> Other leadership-related courses may be approved at the discretion of the department chair.

## Business Pathways

Business Pathways provides students an opportunity to be admitted to the School of Business and explore coursework across programs for up to three semesters before declaring their major. Since the business core is the foundation for every business major, students will stay on track regardless of the major they ultimately choose.

## Summary

Code	Title	Credits
Business Pathways		40
Code	Title	Credits
BINT 10100	World of Business	4
ECON 12000	Principles of Economics	4
MATH 10400	Finite Mathematics with Calculus or MATH 10800Applied Calculus or MATH 11100Calculus I	4
MATH 14400	Statistics for Business, Economics and Management or MATH 14500Statistics for the Health, Life, and Social Sciences or PSYC 20700 Statistics in Psychology	4
ACCT 22700	Financial and Managerial Accounting for Decision Making	4
MGMT 20600	Organizational Behavior and Ethics	4
MGMT 26000	Business Analytics and Technology I	2
FINA 31100	Business Finance	4
MGMT 34500	Operations Management	2
MKTG 31200	Principles of Marketing	4
MGMT 42100	Strategic Management	4
<b>Total Credits</b>		<b>40</b>

## 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. 703).

## Business Minor

The business minor is a general introduction to the study of business. The business minor is not available to students completing any major in the School of Business. Students must complete a minimum of 12 credits unique to the minor.

Code	Title	Credits
Select 16 credits from the following courses:		16
ACCT 22500	Financial Accounting	
ACCT 22600	Management Accounting	
ACCT 22700	Financial and Managerial Accounting for Decision Making	
INTB 26500	International Business Operations	
MGMT 20600	Organizational Behavior and Ethics	
MGMT 26000	Business Analytics and Technology I	
FINA 31100	Business Finance	
MKTG 31200	Principles of Marketing	
MGMT 34500	Operations Management	
<b>Total Credits</b>		<b>16</b>

Note: Some of the above courses have prerequisites; refer to course descriptions. Students may complete ACCT 22700 or one/both of ACCT 22500/22600.

## Entrepreneurship & Innovation Minor

Code	Title	Credits
MGMT 21300	Hidden Entrepreneurs	4
MGMT 21400	Startup Tactics: From Accounting to Zoning, Tactical Considerations When Starting a New Company	4
MGMT 23000	Entrepreneurial Innovation	2
MGMT 23500	Ideas into Action: Launching your Business Idea	4
<b>Select 4 credits from the following:</b>		<b>4</b>
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	
FINA 38000	Equity Analysis	
FINA 42000	Alternative Assets	
ACCT 22400	Accounting for the Real World	
ENVS 20200	Topics in Sustainability	
ENVS 35100	Farming the Forest: Non-Timber Forest Products	
<b>Total Credits</b>		<b>18</b>

## 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 the 300-level 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):

- ECON 12000 Principles of Economics
- INTB 26500 International Business Operations
- One course chosen from the following list (courses may have prerequisites):
  - BINT 10100 World of Business
  - MGMT 11100 Introduction to Business
  - ACCT 22500 Financial Accounting
  - FINA 20300 Financial Markets and Institutions
  - MGMT 34000 Human Resource Management
  - MKTG 31200 Principles of Marketing
  - GBUS 20300 Business Law I
- One course is chosen from the following list (courses may have prerequisites):
  - ECON 38500 International Economics
  - INTB 36000 International Management of Human Resources
  - INTB 48000 Export-Import Operations
  - GBUS 31000 International Business Law
  - FINA 37000 International Finance
  - MKTG 38000 International Marketing

### 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.

## Roy H. Park School of Communications

**Amy Falkner, Dean**

**Rob Gearhart, Associate Dean**

**Melodye MacAlpine, 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 eight 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, a creative athletics media team, 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. 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;
- Park Promotions, our student-powered promotions agency;
- and, Ithaca Athletics Creative Media, a collaboration with IC Athletics.

## 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 School Career Engagement Specialist and others. These opportunities help 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 Center for Career Exploration and

Development and 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.

## The Park School offers the following programs:

### Department of Media Arts, Sciences, and Studies (p. 297)

- Television, Photography, and Digital Media - B.S.
- Film - B.F.A.
- Documentary Studies and Production - B.A.
- Writing for Film, Television, and Emerging Media - B.F.A.
- Minors in:
  - Animation
  - Audio Production for Television and Film
  - International Communications
  - Still Photography
  - Writing for Film, Television, and Emerging Media

### Department of Strategic Communications (p. 317)

- Advertising, Public Relations, and Marketing Communications - B.S.
- Communications Strategy and Design - B.S.
- Minors in:
  - Communications Strategy and Design
  - Advertising, Public Relations, and Marketing Communications
  - Live Event Design and Management

### Department of Journalism (p. 314)

- Journalism - B.A.
- Minor in Journalism

### Interdisciplinary Programs (p. 324)

- Sports Media - B.S.



## PARK PATHWAYS (p. 327)

Park Pathways provides students an alternative to applying directly into a specific Park School degree program, offering an opportunity to be admitted to the Park School and explore coursework across programs for up to three semesters before declaring their major. Students in the Park Pathways program enroll in the S'Park: Igniting Your Future in Communications course and those faculty become their Park Pathways advisors.

## Supplies

Because the convergent nature of the communications discipline requires that all students have consistent access to a basic set of multimedia tools, 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 Film and Television, Photography and Digital Media program students are expected to furnish their own DSLR or mirrorless design cameras for some still photography courses. Additionally, in some courses 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 may 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) (p. 269).
- 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 or advisor 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 suspension or dismissal from Ithaca College.

## Academic Status

To remain in good academic standing, a student must meet the minimum cumulative 2.0 gpa (grade point average) and any other 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 suspension 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 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 hours 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](http://www.apps.ithaca.edu) (<https://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 internship credit. Most internships are pass/fail. One internship credit represents 45 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 without special permission from the deans office.

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, 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 advertising, public relations, and 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 Coordinator 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. 22)" in the Student Information section.

## Credit Evaluations

If a student is considering applying to Ithaca College, the Park School Deans Office 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 48 credits at Ithaca College (including the London Center or the Los Angeles program) and must complete at least 50 percent of the required major credits at Ithaca College. 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, ICLA offers courses that fulfill ICC requirements and required or elective courses for some Park School major or minor programs. All classes are held at the James B. Pendleton Center. Student housing is available through Kapi Residences, an independent company that contracts temporary, fully-furnished apartments in the immediate area. Tuition is the same as on the home campus, 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](http://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](http://www.bppe.ca.gov))."

## Department of Media Arts, Sciences, and Studies

### **Jack Powers, Professor and Chair**

The Department of Media Arts, Sciences, and Studies (MASS) administers four degree programs, as well as five minors. Choose **Majors and Minors** tab above or links below to review program requirements.

**B.S. Television, Photography, and Digital Media (p. 297)**

**B.A. Documentary Studies and Production (p. 297)**

**B.F.A. Film (p. 310)**

**B.F.A. Writing for Film, Television, and Emerging Media (p. 298)**

**Minor in Animation (p. 298)**

**Minor in Audio Production for Television and Film (p. 313) (p. 298)**

**Minor in International Communications (p. 298)**

**Minor in Still Photography (p. 298)**

**Minor in Writing for Film, Television, and Emerging Media (p. 298)**

**B.S. Television, Photography, and Digital Media (<https://catalog.ithaca.edu/schools/park-school-communications/departments-media-arts-sciences-studies/tv-photo-dm/>) - Chrissy Guest, Associate Professor and Program Director**

The bachelor of science in Television, Photography, and Digital Media is a four-year curriculum designed to prepare students for careers in digital media communications, including producing film and series television, social media, live broadcast production, directing, on-camera performance, postproduction, audio production, photography, and other related communication professions. Students in the major will take 29-36 credits in core television, photography, and digital media courses. Additionally, in consultation with an academic adviser or the Television & Digital Media Production program director, each student will select an 18-20 credit concentration that focuses on the student's unique educational goals. Current options are: Emerging Media; Photography; or Digital Media Production. Majors typically choose their concentration before registering for the first semester of their sophomore year. The TPDM program allows for flexibility in planning off-campus semesters such as Los Angeles, London or with other study abroad programs.

Entering majors must have their own external hard drive for video storage. In addition, applicants should be aware that they will incur additional expenses to produce course productions.

**[return to programs] (p. 297)**

**B.A. Documentary Studies and Production (p. 309) - John D. Scott, Associate Professor and 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 and digital media production, 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 two departments in the School of Humanities and Sciences - Politics; World Languages, Literatures, and Cultures - to create pre-approved double majors. This initiative facilitates dynamic connections between these two 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 three majors.

**[return to programs] (p. 297)**

#### **B.F.A. Film (p. 310) - *Bradley Rappa, Associate Professor and Program Director***

The Bachelor of Fine Arts (B.F.A.) program in Film combines core production requirements with supplemental critical studies courses in cinema, still photography, and studio art. Students will be introduced to industry standards for the production of independent film in genres of live action, documentary, and animation. They will also be exposed to film as a Fine Art practice through the crafts of cinematography and directing and, if interested, will have opportunities to explore production design through optional minors in Art and Theater. In addition to single channel works for theatrical and broadcast release, students can also conceptualize film for installation and hybrid forms. Entering majors must pay for laboratory services and purchase materials such as motion picture film, and digital storage media.

**[return to programs] (p. 297)**

#### **B.F.A. Writing for Film, Television, and Emerging Media (p. 312) - *Jack Bryant, Associate Professor and Program Director***

The B.F.A. in Writing for Film, Television, and Emerging Media is grounded in the origins and conventions of storytelling with a curriculum designed to expose students to all aspects and principles of screenwriting, as well as provide rigorous writing practice in multiple forms of narrative media, such as short and feature films, television, video games, and various other forms of emerging media. Required study and internships in our Los Angeles program will expose students to careers in the constantly evolving world of screen media.

**[return to programs] (p. 297)**

### **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. 313) - *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 for Television and Film (p. 313) - *Maria Mejia Yepes, Associate Professor and Minor Coordinator***

The minor in Audio Production for Television and Film is specifically designed to focus on audio production for television, film, and media, equipping students with a comprehensive understanding of the industry's demands and standards. Through hands-on projects and rigorous coursework, students will develop a robust set of audio production skills applicable to various professional contexts, including music production, theater sound design, and electronic media. The meticulously crafted curriculum draws from a diverse array of courses offered by the Park School, the School of Music, Theatre, and Dance, and the Physics Department in the School of Humanities and Sciences. This interdisciplinary approach ensures that students gain proficiency in the technical aspects of audio production while also cultivating an appreciation for the artistic and scientific principles that underpin high-quality sound work.

#### **Minor in International Communications (p. 313) - *Jack Powers, Professor and Chair***

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. 313) - *Rhonda Vanover, Associate 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 Minor Coordinator. This minor is not open to majors in television, photography, and digital media with a concentration in photography.

#### **Minor in Writing for Film, Television, and Emerging Media (p. 314) - *Jack Bryant, Associate Professor and Minor Coordinator***

The Writing for Film, Television, and Emerging Media minor is designed to give majors in other disciplines a working knowledge and developed skill set in writing for screen media. Students may gain experience in screenwriting for short and feature films, television, video games, and various other forms of emerging media.

**[return to programs] (p. 297)**

### **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**

- Documentary Studies and Production Major - B.A. (p. 309)
- Film - B.F.A. (p. 310)

- Television, Photography, and Digital Media - B.S. (p. 311)
- Writing for Film, Television, & Emerging Media Major – B.F.A. (p. 312)
- Animation Minor (p. 313)
- Audio Production for Television and Film Minor (p. 313)
- International Communications Minor (p. 313)
- Still Photography Minor (p. 313)
- Writing for Film, Television, & Emerging Media Minor (p. 314)

Subjects in this department include: Cinema and Photography (CNPH) (p. 299), Media Arts, Sciences & Studies (MASS) (p. 303), Television & Digital Media Production (TVR) (p. 303), Emerging Media (EMED) (p. 303), and Documentary Studies and Production (DOCU) (p. 309)

## Cinema and Photography (CNPH)

### **CNPH 10100 Introduction to Film Aesthetics and Analysis (LA)**

A wide-ranging survey of international cinemas in narrative, documentary, and experimental modes. The course emphasizes the aesthetics, histories, social contexts, institutions, and economics of particular cinematic forms and movements. It focuses on building the skills required for close analytical readings of cinematic form, narrative and argumentative structures, and context as ways to understand how cinema generates meaning. (F)

Attributes: CA, DV, HM, HU

4 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, PROD

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, CA, CCCS, ESTS, MC, PROD

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 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 21700 Lighting for the Camera Lens (NLA)**

This class will examine both a theoretical and practical approach to lighting for film and television. With an emphasis on single camera narrative, approaches to framing and different lighting situations (day interior, night exterior, etc) within multiple media formats will be discussed, plotted, and ultimately realized in both the studio and on location. Students will not only become adept at handling the varied lighting and grip equipment Ithaca college supplies, but they will also come away with a grounded approach to lighting and cinematography that will serve them well at all levels of film and television production. Prerequisites: CNPH 11100 or TVR 10100 or TVR 11500. (B,IRR)

Attributes: PROD

2 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 22100 4K Workflow: Proxies to Color Grading (NLA)**

In our ever shifting landscape, filmmakers must constantly learn to use and adapt to new technologies and platforms. This two credit course will introduce students to the concepts and approaches to getting the most from high resolution digital media. Whether it's fixing an exposure mistake or applying a "look" to a project, understanding the post production process is now essential for every filmmaker. Working predominately with Davinci Resolve software and hardware, we will explore post-production: order of operations, project management, color theory, the use of video scopes, and the basics of grading footage utilizing the Resolve interface. Becoming comfortable with the proper workflow for 4K footage will prepare up and coming filmmakers for the challenges of the next inevitable technological innovation. Prerequisites: CNPH 22400 or TVR 29900 or TVR 21500. (B,IRR)

Attributes: PROD

2 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 scientists/artists who struggled to understand and perfect it. (S)

Attributes: HU, MAP

4 Credits

**CNPH 24200 Advanced Digital Photography (NLA)**

Rigorous immersion in advanced digital photographic techniques and aesthetic concerns. Further technical mastery of image making, including: digital acquisition; editing techniques; alternative editing programs, and tools such as retouching, color grading, and compositing. Coursework introduces alternative photographic approaches, including seamless manipulation of the image and collage aesthetic. 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, PROD

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)**

This course engages classical and contemporary film theory and takes a detailed, critical look at the major theoretical methodologies employed in the study of fiction film. Through lectures, readings, screenings, and written assignments, we will analyze and apply a variety of critical methods and examine a range of filmic issues. Prerequisites: CNPH 10100; at least two level-2 liberal arts courses, and WRTG 10600 or equivalent. (F)

Attributes: RSEA, SCE, WI

4 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, RSEA, SCE, WI

4 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 30400-30418 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. (IRR)

Attributes: PROD

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 31400 Advanced Cinema Production: Directing (NLA)**

Directing for film requires the mastery of a broad and seemingly incompatible set of skills. A director must think and feel with their intuitive senses while at the same time contending with the complex logistical difficulties of a film shoot. A director must be true to his or her instincts and provide a unifying vision to their work while allowing a diverse crew of artists (actors, cinematographers, and designers) the freedom to excel in their respective crafts. The ultimate objective is to lead everyone involved toward the creation of a film whose elements all work together as a unified whole. The purpose of this course is to examine all aspects of the director's craft through lectures, demonstrations, and hands-on work with actors and camera. Topics covered will include script analysis, casting, rehearsing with actors, staging, shot design, and on-location production. Each student will cast, rehearse, block and shoot two scenes from a published feature-length script. Prerequisites: CNPH 22400 or TVR 21500. (Y)

Attributes: PROD

4 Credits

**CNPH 31500 Advanced Cinema Production: Cinematography (NLA)**

This course is designed to give students practical experience with the technical properties of lenses, filters, lighting, acquisition format, and best practices for media management and project workflow. The course covers a range of the key components of effective cinematography from conceptual intent to aesthetic application through hands on experience. Throughout this course you will have to come to grips with a fairly technical understanding of cinematography. Whether you end up working in film or video, these skills will be useful to you in the future. Emphasis is given to individual application of technical skills and aesthetic abilities of cinematography to develop your “creative eye.” The student should leave this class conversant with the some of the advanced tenets of cinematography and with three completed projects on 16mm film and/or HD video. Prerequisites: CNPH 22400 or TVR 21500. (Y)

Attributes: PROD

4 Credits

**CNPH 31600 Advanced Cinema Production: Aesthetics of Sound Editing (NLA)**

This course will prepare students to approach their films with a full understanding of the sound editing process: from dialogue editing, sound effects, and ADR to Foleys and music editing. All the elements of the soundtrack play an important and irreplaceable role in a film. By examining the soundtracks of professional films and by creating a soundtrack to provided images, the students will explore the meaning of sound, its place in the story, and its subliminal influence on the audience in their understanding of a film. Upon completion of this course, students will not only understand the role of sound in film, but also be able to create an aural environment in a professional manner, in professional settings. They will attain solid skills in use of Pro-Tools sound editing software, be able to judge the technical needs of the production sound track, find solutions to problems created during the shoot, program ADR and Foleys, edit dialogue and sound design the abstract environment if appropriate for the film. Prerequisites: CNPH 22400 or TVR 21500 or TVR 10500. (Y)

Attributes: PROD

4 Credits

**CNPH 31700 Advanced Cinema Production: Picture Editing (NLA)**

How does the editing of images and sound reveal the complexity of an experience? Through editing we will learn to manipulate time, space, sound and emotions to create a subjective experience we can share with the viewers. In this course you will work to develop skills in the craft of editing. This is a hands-on course, emphasizing non-linear editing using Premiere Pro CC. In addition to the technical aspects of editing, we will study the art and theory of the craft through screenings of a variety of works. We will explore various conventions and expressions in narrative, documentary and experimental forms. Over the course of the semester, you will begin to define your role as an editor, understand editing as a potential profession, and discover how it enriches your overall process as a storyteller. Prerequisites: CNPH 22400 or TVR 21500. (Y)

Attributes: PROD

4 Credits

**CNPH 31800 Advanced Cinema Production: Developing the Short Film (NLA)**

This course will explore the numerous approaches filmmakers can take when developing an original idea for eventual production. An optional precursor to Thesis Cinema Production allowing students the opportunity to develop an idea, rigorously workshop written drafts, and prep extensively for shooting in a subsequent semester. Starting from a rough concept, students will build fully developed characters, incorporate drama and structure into their screenplays, explore funding mechanisms, and create looks, lighting plots, blocking diagrams, and more. Students will leave the course with a thesis project, narrative or documentary, fully prepped and ready to shoot. Prerequisites: CNPH 22400 or TVR 21500. (F,S)

Attributes: PROD

4 Credits

**CNPH 31900 Advanced Cinema Production: Independent Film Financing (NLA)**

So, you're ready to make your movie. Now you need to fundraise to make it happen. Where to start? In this course we will cover the array of pathways a filmmaker can take to finance an independent film, whether it's a narrative, documentary or experimental film—of any length. This course will cover various new platforms to source your budget, the current landscapes of buyers, private equity financing, hybrid financing, crowd funding, pre-sales, co-productions, grants and foundation support. Working either individually or in groups, students will learn how to craft compelling, well-written documentary grant proposals, as well as write full pitch package materials for narrative film projects. In addition to in-class workshops, we will review case studies with guest film producers, directors and entertainment attorneys, including Academy Award-winning and Emmy-nominated filmmakers who will share their stories of film financing documentaries, feature films, and other moving-image media projects. Prerequisites: CNPH 22400 or TVR 21500. (Y)

Attributes: PROD

4 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)

Attributes: PROD

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)

Attributes: PROD

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,S)

Attributes: PROD

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)

Attributes: PROD

4 Credits

**CNPH 32500 Advanced Cinema Production: Sound Art (NLA)**

This advanced level course will introduce students to creative methodologies used in both historical and contemporary Sound Art practice, exploring the potential of sonic art and its relevance in contemporary media art. Lectures, listening sessions, screenings and readings will help contextualize the technical practices under review as well as theoretical and critical issues surrounding sound as an emerging media art form. Prerequisite: CNPH 22400, TVR 21500, or TVR 10500. (Y)

Attributes: PROD

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: MASS 13400 or JOUR 11100 and CNPH 32100 or CNPH 32200, CNPH 32300, CNPH 32400, CNPH 32500, or CNPH 33001-33099. (F,S)

Attributes: PROD

4 Credits

**CNPH 44300 Photo Workshop (NLA)**

Prepares students for graduate study and 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. Prerequisites: CNPH 14100; CNPH 24200 or 1 course from CNPH 30400-30499. (F-S)

Attributes: PROD, 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)

Attributes: PROD

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 12 credits, 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)****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

**Television & Digital Media Production (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 or TVR 12400. (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: EMED 12000 or TVR 12400. (Y)

Attributes: QL

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: DV, SCE, WI

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. (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 Production (NLA)**

Introduction to Audio Production is a practical, applied introduction to the fundamentals of sound theory and audio production for media. In this course, students will learn and practice basic techniques for recording, editing, and mixing sound. Additionally, they will gain hands-on experience in field sound recording and an introduction to Pro Tools. (F,S)

Attributes: CCCS, PROD

2 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, PROD

4 Credits

**TVR 11500 Introduction to Television and Film Production (NLA)**

Introduction to television and film production techniques, including digital camera operation, editing, lighting, scripting, media aesthetics, and logistics. Students will develop both their creative and technical skills through a combination of preproduction, production and post production exercises, projects, readings, and critiques. (F,S)

Attributes: CCCS, PROD

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 Television and Film 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 Television Series Production (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 television series production. Prerequisites: TVR 11500 or CNPH 11100. (FS)

Attributes: PROD

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. Multi-camera aesthetic theories will be applied in creative studio productions. Prerequisites: TVR 10700. (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)

Attributes: PROD

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 for TV and Film (NLA)**

Audio Production for TV and Film offers a thorough exploration of audio production. It covers pre-production planning, on-site field recording, and post-production, following industry-standard mixing protocols for film and television. It addresses both theoretical and practical aspects of audio production, emphasizing sound design in content creation. Students gain hands-on experience through production exercises and projects, ensuring a comprehensive understanding of the audio production workflow.

Prerequisites: TVR 10500. (F,S)

Attributes: PROD

4 Credits

**TVR 28000 Making the Video Essay (NLA)**

The video essay is an open cinematic form that is used to explore ideas and often includes voice-over narration. As a form, the cinematic essay has been around for decades, but only in its most recent form "the video essay" has it become a dominant form of self-expression online. It is within this current cultural landscape that we will examine and analyze modern forms of the video essay, and that each student will produce their own original work. Prerequisites: TVR 11500 or CNPH 11100. (IRR)

Attributes: MC, PROD

2 Credits



**TVR 28400 A Brief History of Television Comedy (LA)**

This course studies key aspects of television comedy in historical and cultural contexts. Students will research specific comedians and their influence on the development of television programming and distribution through written and an oral presentation. Students will attend presentations, museum exhibitions and examine archive materials at the National Center for Comedy. (S)

1 Credit

**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)

Attributes: PROD

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)

Attributes: PROD

4 Credits

**TVR 30900 Motion Design and Animation (NLA)**

This course will introduce motion design and animation techniques using traditional and computer forms. Theoretical and conceptual approaches to motion design will be explored using commercial, independent, and student examples. Students will complete several animation projects with increasing complexity during the semester. Prerequisites: CNPH 11100 or TVR 11500. (F,S)

Attributes: PROD

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: PROD, UND

4 Credits

**TVR 31200 Media Law (LA)**

This course examines the legal boundaries to freedoms of speech and press, both historically and present-day. Students learn practical applications of First Amendment rights concerning mass communication, while also investigating fundamental theories of free speech and specific issues impacting contemporary society. Course topics include government regulation of media; intellectual property (copyright and trademark); commercial speech; defamation; privacy; access to places and information; political speech; media and the judiciary; corporate speech; and reporter/source confidentiality. This course offers a combination of discussion, lecture and exercises. The incorporation of current free speech issues help to guide and inform class discussions. Prerequisites: Any TVR course at level-100, or JOUR course at level-100, or STCM course at level-100, or LGST course at level-100. (F,S)

Attributes: LMAL, LMEL, LSCO

4 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, STCM 10300, or any LGST course. (F,S)

Attributes: LMAL, LMEL, LSCO

4 Credits

**TVR 31500 Television Series Directing (NLA)**

This course has two primary agendas, one aesthetic and one technical. The aesthetic focus is on directing, 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 television series production: directing, camera work, lighting, production design, production planning, and video editing. Prerequisites: TVR 21500 or CNPH 22400. (Y)

Attributes: PROD

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: CNPH 10100 OR TVR 12400. (Y)

4 Credits

**TVR 32900 Race, Gender, and Digital Technology (LA)**

Racial and gendered inequalities have always been present in the construction of, and debates about, digital technologies. In this course we will examine the relationships between race, gender, and digital technologies, questioning how this digital media works to recreate, deconstruct, complicate, and obfuscate these systems of power and oppression. Our overarching goal in this course is to explore how digital technologies are historically and contemporaneously informed by race and gender politics. Students will critically reflect on the tensions and conflicts around race, gender, and digital technologies, as well as the work being done to challenge, circumvent, and create change. (Y)

Attributes: DV, WI

4 Credits

**TVR 33100 Production Management for Film, Television and New Media (NLA)**

Provides 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 covered include: production planning, budgeting, scheduling, business considerations, and post-production management. Prerequisites: TVR 11500, CNPH 11100, or permission of instructor. (Y)

4 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 34100 On-Camera Performance (NLA)**

This course is designed to introduce students to the processes and skills required to perform for on camera media. Students will hone their skills both by performing scripted and non-scripted materials for visual mass media. Students will participate by writing content and completing assignments, which are designed to be consumed by mass audiences. (Y)

Attributes: PROD

4 Credits

**TVR 37100 Audio Post Production for TV and Film (NLA)**

Audio Postproduction involves mastering the intricate methods and approaches employed by industry experts in the post-production phase. This encompasses honing skills in scene analysis, spotting, sound editing, foley, dialogue editing, and music manipulation. Furthermore, it encompasses the art of mixing, comprehending diverse formats and standard prerequisites for various media and platforms, and adhering to delivery protocols for film and television. This process is typically facilitated through the use of industry-standard digital audio workstation (DAW) software, such as Pro Tools. Prerequisites: TVR 27100. (F,S)

Attributes: PROD

4 Credits

**TVR 37200 Location Sound Recording for TV and Film (NLA)**

This is a course designed to provide students with a practical experience in details, skills, techniques and protocols to succeed as a location audio operator. The student will have a better understanding and knowledge of the equipment most commonly used for field recording through an on set experience. Prerequisites: TVR 27100. (S)

Attributes: PROD

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.

TVR 38500 and COMP 38500 are cross listed courses; students cannot receive credit for both COMP 38500 and TVR 38500. Open only to Emerging Media majors. Prerequisites: COMP 20200; Junior Standing. (S, Y)

Attributes: PROD

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)

Attributes: PROD

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 Production for TV and Film Capstone (NLA)**

The course enhances skills in audio theory, the use of professional digital audio equipment, critical listening, and the aesthetic analysis of sound for media. Students will consolidate, integrate, and apply their prior knowledge and critical thinking abilities gained from TVR 10500, TVR 27100, and TVR 37100. This will culminate in a capstone project guided by research and a written analysis. Prerequisites: TVR 37100. (S)

Attributes: PROD

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. TVR 48500 and COMP 48500 are cross listed courses; 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)

Attributes: PROD

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)

Attributes: PROD

4 Credits

**TVR 49300 Live Event Production (NLA)**

This is an advanced television production course focusing on live event broadcasting. Emphasis will be placed on the planning and the implementation of on-location productions. This course builds on previously acquired video and studio production knowledge while introducing on-location production concepts and theories. Production management, engineering, multimedia design and web-based broadcasting will be explored. Prerequisites: TVR 11500, TVR 22500 or TVR 33100. (F,Y)

Attributes: MC, PROD

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

## Documentary Studies and Production (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

## Documentary Studies and Production - B.A.

### Summary

Code	Title	Credits
	Major Course Requirements	60-68
	Integrative Core Curriculum (ICC) Requirements and Other Electives <sup>1</sup>	52-60
<b>Total Credits</b>		<b>120</b>

\* **Total Credits** must include 60 credits outside the Park School.

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

### Degree Requirements

Code	Title	Credits
Major Requirements:		
DOCU 10100	Documentary Immersion	1
JOUR 11100	Introduction to Journalism	4



JOUR 11200	Investigative Journalism	4
CNPH 14100	Introduction to Photography	4
CNPH 11100	Cinema Production 1	4
or TVR 11500	Introduction to Video 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
DOCU 40100	Documentary Industries	1
TVR 49600	Documentary Workshop	4
Select one of these media studies electives:		3-4
TVR 25100	Critical Thinking and Mass Communication	
JOUR 21300	Journalism Ethics	
CNPH 24000	History of Photography	
TVR 31200	Media Law (proposed as Media Law)	
TVR 31300	Topics in Media Law and Policy	
Select one of these media production electives:		4
JOUR 21100	Visual Journalism	
TVR 23500	Editing	
CNPH 32200	Advanced Cinema Production: Nonfiction	
CNPH 24200	Intermediate Photography	
<b>Minor Requirement:</b>		
Select a minor outside of the Roy H. Park School of Communications. <sup>1</sup>		18-25
<b>Total Credits</b>		<b>60-68</b>

<sup>1</sup> *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.*

## Film - B.F.A.

### Summary

Code	Title	Credits
Major Requirements		60
Integrative Core Curriculum (ICC) Requirements and Other Electives <sup>1</sup>		60
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective

## Degree Requirements

Code	Title	Credits
<b>Core Requirements</b>		
CNPH 10100	Introduction to Film Aesthetics and Analysis	4
CNPH 11100	Cinema Production 1	4
MASS 13400	Screenwriting	4
CNPH 14100	Introduction to Photography	4
CNPH 21400	Hollywood and American Film	4
CNPH 22400	Cinema Production 2	4
CNPH 42000	Thesis Cinema Production	4
Select one advanced Film Studies course:		4
CNPH 30000	Fiction Film Theory	
CNPH 30100	History and Theory of Documentary	
Select 8 credits of Professional Exploration electives:		8
CNPH 21700	Lighting for the Camera Lens	
CNPH 21900	Course CNPH 21900 Not Found (Intro to Post Production)	
CNPH 22000	Cinematic Currents	
CNPH 22100	4K Workflow: Proxies to Color Grading	
CNPH 24200	Advanced Digital Photography	
MASS 20100	Introduction to Animation	
MASS 20200	Introduction to Stop Motion Animation	
MASS 23300	Structuring the Feature Film	
MASS 23400	Writing the Short Film (Writing the Short Film)	
TVR 10500	Introduction to Audio Production	
TVR 10700	Introduction to Television Studio Production	
TVR 21500	Television Series Production	
TVR 27100	Audio Production for TV and Film	
THEA 10700	The Actor's Process	
Select 12 credits of Advanced Production electives (at least 8 credits must be Advanced Cinema Production (ACP) courses):		12
CNPH 31400	Advanced Cinema Production: Directing (ACP: Directing)	
CNPH 31500	Advanced Cinema Production: Cinematography (ACP: Cinematography)	
CNPH 31600	Advanced Cinema Production: Aesthetics of Sound Editing (ACP: Aesthetics of Sound Editing)	
CNPH 31700	Advanced Cinema Production: Picture Editing (ACP: Picture Editing)	
CNPH 31800	Advanced Cinema Production: Developing the Short Film (ACP: Developing the Short Film)	
CNPH 31900	Advanced Cinema Production: Independent Film Financing (ACP: Independent Film Financing)	
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 32500	Advanced Cinema Production: Sound Art (Advanced Cinema Production: Sound Art)	
CNPH 330xx	Selected Topics: Advanced Cinema Production	
xxxxx	Any 300- or 400-level course with PROD (production) attribute	
Select one Critical Studies elective:		4
ARTH xxxxx	any 100-level or 200-level Art History course	
CNPH 24000	History of Photography	
Select one Design elective:		4
ART 12000	Two-Dimensional Design	
ART 11xxx	any Introduction to Drawing course	
ART 15xxx	any Intro to Sculpture course	
THEA 11200	Scenic Technology	
THEA 11300	Costume Technology	
THEA 11400	Lighting Technology	
THEA 11500	Sound Technology	
THEA 11600	Theatrical Properties	
THEA 11700	Scenic Art	
THEA 12000	Theatrical Design Foundations	
<b>Total Credits</b>		<b>60</b>

## Television, Photography, and Digital Media - B.S.

### Summary

Code	Title	Credits
Major Requirements		47-56
Integrative Core Curriculum (ICC) Requirements and Other Electives <sup>1</sup>		64-73
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

### Degree Requirements

Code	Title	Credits
<b>Core Requirements</b>		
TVR 12400	Introduction to Television and Film Industries	4
CNPH 14100	Introduction to Photography	4
TVR 13100	Media Writing	3-4
	or MASS 13400 Screenwriting	
TVR 31200	Media Law	4
Select one production course:		2-4
TVR 10500	Introduction to Audio Production	

TVR 10700	Introduction to Television Studio Production	
TVR 11500	Introduction to Television and Film Production	
Select one Studies course:		3-4
MASS 10100	History of Narrative Film, Television, and Emerging Media Part I	
MASS 10200	History of Narrative Film, Television, and Emerging Media Part II	
TVR 12200	Introduction to Media Aesthetics and Analysis	
CNPH 10100	Introduction to Film Aesthetics and Analysis	
CNPH 21400	Hollywood and American Film	
CNPH 24000	History of Photography	
Select one research course:		3-4
TVR 21400	Design of New Media: Theory, Function and Analysis	
TVR 25100	Critical Thinking and Mass Communication	
TVR 26300	Mass Media Research Methods	
Select one theory course:		3-4
TVR 32900	Race, Gender, and Digital Technology (Race, Gender, and Digital Technologies)	
TVR 33500	Electronic Media Criticism	
EMED 32000	Utopias and Dystopias of Emerging Media	
CNPH 30000	Fiction Film Theory	
CNPH 30100	History and Theory of Documentary	
CNPH 34200	Contemporary Photographic Genres	
Select one program capstone course: <sup>1</sup>		3-4
TVR 46000	Senior Seminar	
TVR 47100	Audio Production for TV and Film Capstone	
TVR 48500	Emerging Media Capstone	
TVR 49100	Senior Media Thesis	
TVR 49300	Live Event Production	
TVR 49600	Documentary Workshop	
CNPH 44300	Photo Workshop	

### Required Concentration 18-20

Students must complete one of three concentrations: Emerging Media, Photography, or Television and Digital Media Production. The concentration must be declared by the end of the second year.

Requirements for each concentration are listed below. Credits fulfilling a major core requirement cannot count towards a concentration.

### Total Credits 47-56

<sup>1</sup> Program capstone courses do not satisfy the Capstone requirement for the ICC.

Code	Title	Credits
<b>Emerging Media Concentration</b>		
COMP 17100	Principles of Computing Science I	4
TVR 21400	Design of New Media: Theory, Function and Analysis	4
EMED 32000	Utopias and Dystopias of Emerging Media	4
TVR 38500	Emerging Media Project	4
COMP xxxxx	One additional Computer Science course	3-4
<b>Total Credits</b>		<b>19-20</b>

Code	Title	Credits
<b>Photography Concentration</b>		
CNPH 24000	History of Photography	4
CNPH 24200	Advanced Digital Photography	4
CNPH 34200	Contemporary Photographic Genres	4
CNPH xxxxx	Choose two additional 200- or 300- level photography courses	8
<b>Total Credits</b>		<b>20</b>

Code	Title	Credits
<b>Television and Digital Media Production Concentration</b>		
Select a 100-level Production course in addition to the one counting towards the Core:		2-4
TVR 10500	Introduction to Audio Production	
TVR 10700	Introduction to Television Studio Production	
TVR 11500	Introduction to Television and Film Production	
Select four credits of 200-level Production courses from the following list:		4
CNPH 22400	Cinema Production 2	
CNPH 24200	Advanced Digital Photography	
TVR 21500	Television Series Production	
TVR 22500	Television Production and Direction	
TVR 23500	Editing	
TVR 27100	Audio Production for TV and Film	
TVR 29900	Nonfiction Production	
xxxxx	Any 200-level course with a PROD attribute	
Select four credits of 300-level Production courses from the following list:		4
TVR 31500	Television Series Directing	
TVR 30400	Advanced Studio Production	
TVR 34100	On-Camera Performance	
TVR 30900	Motion Design and Animation	
TVR 32700	Program Development for Entertainment Media	
TVR 33100	Production Management for Film, Television and New Media	
xxxxx	Any 300-level course with a PROD attribute, including CNPH Advanced Cinema Production courses	

Select eight credits of courses above the 100-level with a PROD (Production) attribute

**Total Credits** **18-20**

## Writing for Film, Television, & Emerging Media Major – B.F.A.

Learn more at the Department Page (p. 297)

This B.F.A. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Major Requirements		60-62
Integrative Core Curriculum and Electives <sup>1, 2</sup>		58-60
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

<sup>2</sup> Total credits must include at least 30 credits outside the Roy H. Park School of Communications.

## Degree Requirements

Code	Title	Credits
MASS 10100	History of Narrative Film, Television, and Emerging Media Part I	4
MASS 10200	History of Narrative Film, Television, and Emerging Media Part II	4
MASS 10400	Story: From Cave Paintings to Emerging Media	4
TVR 12400	Introduction to Television and Film Industries	4
MASS 13400	Screenwriting	4
MASS 23300	Structuring the Feature Film	4
MASS 23600	Writing for Series TV	4
TVR 32700	Program Development for Entertainment Media	4
MASS 49000	Internship: Writing for Film, Television, and Emerging Media	6
Select one production course:		4
CNPH 11100	Cinema Production 1	
CNPH 14100	Introduction to Photography	
TVR 11500	Introduction to Television and Film Production	
Select two advanced screenwriting courses:		8
MASS 33300	Writing the Feature Film	
MASS 33500	Writing for Video Games and Emerging Media	
MASS 33600	Writing the Series Pilot	
Select one thesis course:		4
MASS 43300	Thesis Screenwriting	
MASS 43400	Thesis Writing for Screen Media	
MASS 43500	Thesis Writing for Emerging Media	

MASS 43600	Thesis TV Writing	
MASS 43700	Thesis Writing for Film and Television	
Select a least six credits of supplementary writing and media electives:		6-8
Any ENGL course		
Any WRTG course		
CNPH 30000	Fiction Film Theory	
CNPH 30100	History and Theory of Documentary (ICC-WI)	
CNPH 30500	Contemporary Film Criticism	
THEA 13100	Acting I	
THEA 25500	Playwriting I	
TVR 33500	Electronic Media Criticism (ICC-WI, ICC-DV)	
MASS 293xx	Any Minicourse in Writing for Screen Media	
MASS 337xx	Any 300-level elective in Writing for Screen Media	
MASS 338xx	Any Advanced Minicourse in Writing for Screen Media	
MASS 43xx	Any additional Thesis course	
<b>Total Credits</b>		<b>60-62</b>

## Animation Minor

Learn more at the Department Page (p. 297)

### Requirements

Code	Title	Credits
CNPH 11100	Cinema Production I	4
or TVR 11500	Introduction to Video Production	
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	
<b>Total Credits</b>		<b>22</b>

## Audio Production for Television and Film Minor

### Requirements

Code	Title	Credits
Required Courses:		
TVR 10500	Introduction to Audio Production	2
TVR 27100	Audio Production for TV and Film	4

TVR 37100	Audio Post Production for TV and Film	4
or TVR 37200	Location Sound Recording for TV and Film	
TVR 47100	Audio Production for TV and Film Capstone	4
Select 6 credits from these courses:		6
CNPH 31600	Advanced Cinema Production: Aesthetics of Sound Editing	
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	
MUNM 25100	Music and the Media	
PHYS 16000	Physics of Sound	
THEA 22500	Sound Design	
THEA 31500	Advanced Sound Technology	
TVR 37100	Audio Post Production for TV and Film	
TVR 37200	Location Sound Recording for TV and Film	
<b>Total Credits</b>		<b>20</b>

## International Communications Minor

Learn more at the Department Page (p. 297)

### Requirements

Code	Title	Credits
TVR 12100	Introduction to Mass Media	3-4
or TVR 12400	Introduction to Media Industries	
POLT 12900	Explorations in Global and Comparative Studies	3
or TVR 22000	Global Flow of Information	
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 <sup>1</sup>		3
<b>Total Credits</b>		<b>18</b>

<sup>1</sup> Requires approval from the coordinator of the minor.

## Still Photography Minor

Learn more at the Department Page (p. 297)

A minor in Photography provides opportunities to develop a systematic knowledge of the discipline. The 16-credit minor in photography is an excellent complement to a degree in any other field. Students in this minor come from all five schools at the College and represent a wide variety of majors.

### Required Courses for the Minor

Code	Title	Credits
CNPH 14100	Introduction to Photography	4
CNPH 24000	History of Photography	4



Select one of the following:	4
CNPH 44300 Photo Workshop	
CNPH 30401- Photography Selected Topics	
CNPH 30499	
Photography elective <sup>1</sup>	4
<b>Total Credits</b>	<b>16</b>

<sup>1</sup> 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, Television & Emerging Media Minor

Learn more at the Department Page (p. 297)

### Minor Requirements

Code	Title	Credits
MASS 13400	Writing for Screen Media	4
MASS 23300	Structuring the Feature Film	4
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 Video Production	
Select one of the following:		4
MASS 33300	Writing the Feature Film	
MASS 33500	Writing for Video Games and Emerging Media	
MASS 33600	Writing the Series Pilot	
MASS 33700-99	300-Level Electives in Writing for Screen Media	
<b>Total Credits</b>		<b>20</b>

## Department of Journalism

### James 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. 316) - James Rada, *Professor and Chair*

The bachelor of arts in Journalism offers an integrated curriculum designed to prepare students for careers in journalism, media relations, law, and other professions. Multimedia and critical, analytical thinking are key components of the curriculum. The concept of media convergence is a key component to the curriculum. Journalism students are taught practical multimedia (online, video and print) journalism, as well as First Amendment law, ethics and history in the liberal arts tradition.

### Minor in Journalism (p. 316) - James Rada, *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.

### Academic Policies

Majors, including first-year students, are required to maintain an overall cumulative GPA of 2.00. Majors must complete a minimum of 60 credits outside of communications, which includes a minor of their choice, 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 from the journalism department chair. 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. 316)
- Journalism Minor (p. 316)

### 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. 3 credits. (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 4 credits. (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. 3 credits. (F-S)

3 Credits

**JOUR 48000 Multimedia Journalism (NLA)**

This course critically examines how journalists and news organizations are using emerging forms of multimedia technology along with mobile devices and evolving social media. Students gain hands-on experience by experimenting with mobile devices for news gathering, distribution, and community building and engagement. Students produce a portfolio of multimedia stories published on the class website, Ithaca Week. 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. (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. 3 credits. (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 12 credits (including London and Los Angeles internships). For example, if a student takes an 8-credit internship, a second internship would count for up to 4 credits only, for a total of 12 credits. Pass/fail only. 1-8 credits. (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

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

Summary

Code	Title	Credits
Major Requirements		53-60
Integrative Core Curriculum (ICC) Requirements and Other Electives <sup>1</sup>		60-67
Total Credits		120

\* Total Credits must include 60 credits outside the Park School.  
<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum requirement for the Humanities perspective.

Degree Requirements

Code	Title	Credits
Major Requirements		
JOUR 11100	Introduction to Journalism	4
JOUR 11200	Investigative Journalism	4
JOUR 21100	Visual Journalism	4
JOUR 21300	Journalism Ethics	3
JOUR 25000	Journalism History	3
TVR 31200	Media Law (proposed as Media Law)	4
or TVR 31300	Topics in Media Law and Policy	
JOUR 48800	Issues and the News	3
Select TWO topics courses from:		6
JOUR 390xx	Selected Topics in Journalism	
TVR 35200	British Media and Society (offered at the IC London Center only)	

Workshop Requirement		4
JOUR 48000	Multimedia Journalism	
JOUR 48200	Narrative Journalism Workshop	
JOUR 48600	Documentary Journalism Workshop	
Minor Requirement		
Select a minor outside of the Roy H. Park School of Communications. <sup>1</sup>		18-25
Total Credits		53-60

<sup>1</sup> 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.

Journalism Minor

Learn more at the Department of Journalism page (p. 314)

Requirements

Code	Title	Credits
JOUR 11100	Introduction to Journalism	4
JOUR 11200	Investigative Journalism	4
JOUR 48800	Issues and the News	3
or JOUR 39000-39099 or JOUR 39000-39099 Not Found		
Select one of the following:		3-4
COMP 10500	Introduction to Website Development	
COMP 11000	Computers and Information Technologies	
HIST 10600	History in the News: Global Identities and the Search for Justice	
POLT 10100	U.S. Politics and Public Policy	
POLT 12800	Introduction to International Relations	
POLT 12900	Introduction to Global and Policy Studies	
TVR 31200	Media Law	
WRTG 20100	Argument: Rhetoric and Ethics	
Select one of the following:		3-4
HIST 27500	The History of United States Popular Culture	
HIST 38000	A Global History of Lies: Rumors, Conspiracy Theories, and Hoaxes	
HIST 38800	Revolution and Counterrevolution in the Americas	
JOUR 21300	Journalism Ethics	
JOUR 25000	Journalism History	
PHIL 21200	Introduction to Ethics	
RLST 24000	Writing about Religion: Heaven and Hell	
WRTG 32000	Public Rhetorics and Writing	
WRTG 33100	Feature Writing	
WRTG 33300	Writing for Popular Media	
Total Credits		17-19

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 Strategy and Design and a bachelor of science in Advertising, Public Relations, and Marketing Communications — and minors in Communication Strategy and Design; Advertising, Public Relations, and Marketing Communications; and Live Event Design and Management. Choose **Majors and Minors** tab above or links below to review program requirements.

### **B.S. Communication Strategy and Design (p. 323)**

### **B.S. Advertising, Public Relations, and Marketing Communications (p. 317)**

### **Minor in Communication Strategy and Design (p. 324)**

### **Minor in Advertising, Public Relations and Marketing Communications (p. 323)**

### **Minor in Live Event Design and Management (p. 318)**

Students interested in the major or minor in Communication Strategy and Design or Live Event Design and Management should contact Dennis Charsky, director of the program. Students interested in the major or minor in Advertising, Public Relations, and Marketing Communications should contact Scott Hamula, director of the program and chair of the Department of Strategic Communication.

### **B.S. Communication Strategy and Design (p. 323)**

### **- Dennis Charsky, Professor and Program Director**

The way an organization communicates can be the key to its success or failure. Communication Strategy and Design is designed for students who want to be part of the solution and lead the creative and strategic communication functions that create change. This degree provides students with the fundamental principles and skills used create social impact, develop the vision, invent strategy, and design of communication solutions for all organizations.

Courses teach you how to guide businesses, non-profit organizations, and government agencies in communicating with their employees and society. Students learn to use their creativity purposefully and connect it strategy to design effective communication solutions and campaigns. Our graduates are able to utilize best practices that form the vision and strategies to maintain and protect organizational reputation while promoting socially responsible business practices.

#### Areas of Focus

As a Communication Strategy and Design student, you'll have the opportunity to gain expertise in an area that is aligned with your career aspirations and passions. Our areas of focus are designed in conjunction with your academic advisor to meet your education goals. Below are some areas of focus that you can pursue.

- Instructional Design and Technology
- Communications for Social Impact
- Event Management
- Corporate Communications
- Interface and Experience Design

- Communication Consulting

### **[return to programs] (p. 317)**

### **B.S. Advertising, Public Relations, and Marketing Communications (p. 322) - Scott R. Hamula, Professor and Program Director**

Today's brands must establish meaningful connections with consumers through authentic, creative, and memorable messages and experiences. The Advertising, Public Relations, and Marketing Communications major is a dynamic fusion of creativity and strategy that integrates coursework from the Roy H. Park School of Communications and the School of Business. Students learn how to seamlessly blend these specialized areas to promote and advocate for brands, causes, businesses, and nonprofit organizations. They first decode human motivations. What makes an audience tick? What do they care about? And how do pop culture trends sway their decisions? Equipped with this knowledge, our students then transcend the ordinary by crafting engaging campaigns across traditional and digital channels, including social media, interactive experiences, and sponsored events.

### **Academic Policies**

All majors must complete a minimum of 60 credits courses designated as liberal arts (LA).

### **Advising Note**

Students with a double major in Advertising, Public Relations, and Marketing Communications and business who are interested in applying to the master of business administration program should contact the dean's office M.B.A. program director in the School of Business before applying.

### **[return to programs] (p. 317)**

### **Minor in Communication Strategy and Design (p. 317) -**

### **Dennis Charsky, Professor and Minor Coordinator**

A minor in Communication Strategy 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 businesses, nonprofit organizations, and government agencies.

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 or Communication Strategy 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. 317)**

### **Minor in Advertising, Public Relations, and Marketing Communications (p. 323) - Scott R. Hamula, Professor and Minor Coordinator**

The Advertising, Public Relations, and Marketing Communications minor provides broad-based knowledge to create persuasive campaigns that will captivate audiences across digital realms, social media, print, and broadcast channels. Whether it's crafting compelling messages or branded experiences, this minor equips you with the tools to engage consumers with storytelling that's both relatable and memorable.

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 2.50 minimum cumulative GPA to apply, but this minimum is not a guarantee of acceptance. This minor is not open to Advertising, Public Relations, and Marketing Communications majors.

[\[return to programs\]](#) (p. 317)

### **Minor in Live Event Design and Management (p. 324) - Dennis Charsky, 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 Strategy and Design major coordinates the minor.

[\[return to programs\]](#) (p. 317)

## **Majors & Minors**

- Advertising, Public Relations, and Marketing Communications Major - B.S. (p. 322)
- Communication Strategy and Design Major - B.S. (p. 323)
- Advertising, Public Relations, and Marketing Communications Minor (p. 323)
- Communication Strategy and Design Minor (p. 324)
- Live Event Design and Management Minor (p. 324)

### **STCM 10300 Introduction to Strategic Communication (LA)**

Introduction to the fundamental theories, principles, concepts and applications of strategic communication to meet a variety of organizational goals. Provides an overview of strategic practices in corporate communication, management, design, advertising, public relations and marketing communication. Students analyze case studies, conduct research, and design strategic solutions to contemporary organizational communication issues and problems. (F,S)

4 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 and Graphic Design (NLA)**

Introduction to the planning, design, production, and delivery of presentations supported by visual storytelling, data visualization and motion graphics. Emphasis on design and production, critical application of graphic design principles to instructional, informational, and motivational messages. Projects require creative use of graphic design practices using pixel, vector, and animation tools. Students gain practical experience in graphic design, layout, composition, image manipulation, website design, and presenting. (F-S)

Attributes: CCCS

4 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)

Attributes: CSD

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. This is a block course. Prerequisite: STCM 10300. (F-S)

1 Credit

### **STCM 20400 Leading Effective Teams (LA)**

This course provides a conceptual foundation and experiential learning opportunities enabling learners to become leaders of effective and inclusive teams in various settings. Topics include team composition and life cycle, goal setting and project management, cultural competency and inclusion, conflict resolution, facilitation, and emerging kinds of teamwork including remote/hybrid work, virtual environments, and digital autonomous organizations (DAOs). (IRR)

2 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, CSD  
3 Credits

**STCM 21000 Instructional Design (NLA)**

An introduction to theories, processes, and practices associated with workplace learning. Major topics include learning theory, designing training, employee development, and educational technology. Prerequisites: STCM 10300. (F)  
Attributes: ESE  
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)  
Attributes: CSD  
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, CSD  
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)  
Attributes: CSD  
3 Credits

**STCM 23200 Public Relations: Theory and Practice (LA)**

Defines public relations functions and processes. Examines public relations history, ethics, theories, tactics, specializations, and career opportunities. (F,S)  
Attributes: UND  
4 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, CSD  
3 Credits

**STCM 24100 Advertising, Promotion, and Brand Experiences (LA)**

A survey of the history, organization, operation, economics, and regulation of the advertising industry. Emphasis is placed on the campaign process including target marketing, strategic planning, media analysis, creative strategy, promotions, experiential marketing, and the evaluation of advertising effectiveness. (F,S)  
4 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: CSD, 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, marketing, and public communications settings. Emphasis on theoretical bases, procedures, data analysis and interpretation, ethical considerations, application of research techniques, and assessment of research credibility. Focus on the use of research to make evidence-based strategic communication recommendations. Prerequisites: STCM 10300. (F,S)  
Attributes: CCRM, QL  
4 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, CSD 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 examination of the media planning and selection process for integrated marketing communications campaigns. Explores digital, traditional, and non-traditional media capabilities and strategies. Particular emphasis placed on the interpretation and application of audience data to make evidence-based media planning decisions. Prerequisites: STCM 24100. (F,S) 4 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, SMT, MGMT, or ACCT. (E,Y) Attributes: CSD 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) Attributes: CSD 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: CSD, SS 3 Credits

**STCM 33000 Advertising Copywriting and Art Direction (NLA)**

This course focuses on building a strategy to meet marketing communication goals using effective advertising across various media. Students will learn, think, and communicate through both copy and visuals as they gain experience conceptualizing, writing, and designing effective messages for media. Students will learn how to create, apply, and present these messages, as well as how to analyze and evaluate their persuasiveness. Prerequisites: STCM 24100, STCM 11100. (F,S)

Attributes: CCCS, CSD

4 Credits

**STCM 33200 Writing for Public Relations (LA)**

Fundamentals of writing for public relations. Emphasis is placed on writing for a client or in-house department; content for the web and social media platforms; preparation of specific writing tactics for journalists, nonprofits, businesses, and consumers; persuasion in writing; and clarity, flow, and other elements of proper public relations writing style. Prerequisites: STCM 23200; WRTG 10600 or ICSM 10800. (F,S)

Attributes: CCCS, WI

4 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. (S)

Attributes: DV

4 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)

Attributes: CSD

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)

Attributes: CSD

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 6 credits. Prerequisites: Junior standing. (F,S)

Attributes: CSD

1-6 Credits

**STCM 42000 Integrated Marketing Communications Lab (LA)**

A program 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: STCM 23200; STCM 24100; MKTG 31200. (S)

4 Credits

**STCM 43000 Brand Design and Communication Lab (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: STCM 33000. (F)

4 Credits



**STCM 43400 Communication Strategy Lab (NLA)**

Program 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. This is a block course. (S)  
3 Credits

**STCM 44000 Public Relations Lab (NLA)**

This capstone course is dedicated to public relations planning, including analysis of the publics involved and traditional and social media options; planning, budgeting, and scheduling; and development of problem-solving messages, activities, and/or events. Students work in account teams with real-world client projects to help organizations achieve their promotional goals. Students also undertake an independent project. Designed for advanced students in communications or for those planning a career in public relations. Prerequisites: STCM 33200. (F)  
Attributes: SL  
4 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 30900 or STCM 33000. (S)  
Attributes: UND  
4 Credits

**STCM 45000 Communication Consulting Lab (LA)**

In the context of a simulated consulting team, students identify contemporary organizational issues and trends, conduct research and design inquiries, write and design original content, and publish insights that are engaging and actionable for business leaders. This program capstone course reinforces key concepts and skills in communication strategy and stakeholder relations, design thinking, research methods, information / presentation design, business writing, and project management. Students learn to manage project timelines and budgets, create appealing and usable recommendations, and position their expertise through professional publication and presentations. Permission of instructor required. Prerequisites: STCM 12300; STCM 28800. (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 12 credits, 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)  
Attributes: CSD  
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 12 credits. 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)  
Attributes: CSD  
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: CSD, 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)  
Attributes: CSD  
1-6 Credits

## Advertising, Public Relations, and Marketing Communications - B.S.

### Summary

Code	Title	Credits
Major Core Requirements		58-60
Integrative Core Curriculum (ICC) Requirements and Other Electives <sup>1</sup>		62-60
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Social Science perspective.

## Degree Requirements

Code	Title	Credits
STCM 10300	Introduction to Strategic Communication <sup>1</sup>	4
STCM 11100	Presentation and Graphic Design	4
STCM 23200	Public Relations: Theory and Practice <sup>1</sup>	4
STCM 24100	Advertising, Promotion, and Brand Experiences <sup>1</sup>	4
STCM 30900	Media Planning	4

MKTG 31200	Principles of Marketing	4
TVR 31200	Media Law <sup>1</sup>	4
STCM 33000	Advertising Copywriting and Art Direction	4
STCM 33200	Writing for Public Relations <sup>1</sup>	4
Select one Statistics course:		4
STCM 28800	Research and Statistics for Strategic Communication <sup>1</sup>	
MATH 14400	Statistics for Business, Economics and Management <sup>1</sup>	
PSYC 20700	Statistics in Psychology <sup>1</sup>	
Select at least 15 credits of MKTG and STCM electives:		15-16
MKTG 32300	Consumer Behavior	
MKTG 32500	Sales and Sales Promotion	
MKTG 38000	International Marketing	
MKTG 41100	Marketing Analytics I	
MKTG 41200	Marketing Analytics II	
MKTG 49100	Digital Marketing	
MKTG 49700	Selected Topics: Marketing	
MKTG 49701	Brand Management	
STCM 30100	Social Media Strategy	
STCM 36600	Global, Intercultural, and Multicultural Public Relations	
Select one Advanced Lab course:		3-4
STCM 42000	Integrated Marketing Communications Lab <sup>1</sup>	
STCM 43000	Brand Design and Communication Lab	
STCM 43400	Communication Strategy Lab	
STCM 44000	Public Relations Lab	
STCM 44100	Ad Lab	
<b>Total Credits</b>	<b>58-60</b>	

<sup>1</sup> Liberal arts courses.

## Communication Strategy and Design - B.S.

### Summary

Code	Title	Credits
Major Core Requirements		50
Integrative Core Curriculum (ICC) Requirements and Other Electives <sup>1, 2</sup>		70
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

<sup>2</sup> Total credits must include 30 credits outside the Park School.

### Degree Requirements

Code	Title	Credits
<b>Core Requirements</b>		
STCM 10300	Introduction to Strategic Communication	4

STCM 11100	Presentation and Graphic Design	4
STCM 12300	Systemic Design	3
STCM 20200	Career Pursuit	1
STCM 20400	Leading Effective Teams	2
STCM 21000	Instructional Design	3
STCM 21100	Corporate Communication: Strategy and Design	3
STCM 28800	Research and Statistics for Strategic Communication	4
STCM 43400	Communication Strategy Lab	3
STCM 45000	Communication Consulting Lab	3
<b>Supplemental Requirement</b>		
MGMT 11100	Introduction to Business	2
<b>Area of Study</b>		
Advanced coursework in an area of focus is tailored to the students' professional interests. The coursework must be carefully planned with the student's adviser before each and every semester.		
Select a minimum of 18 credits from STCM electives with CSD attribute		18
- at least 6 credits must be at 200-level or higher		
- at least 6 credits must be at 300-level or higher		
- a maximum of 4 credits may be applied as internship (STCM 49000 or STCM 49300 or STCM 49800)		
- a maximum of 4 credits may be applied as independent study (STCM 49900) or workshop (STCM 41200)		
<b>Total Credits</b>		<b>50</b>

## Advertising, Public Relations, and Marketing Communications Minor

Learn more at the Strategic Communication page

### Requirements

Code	Title	Credits
<b>Required Courses for the Minor</b>		
STCM 10300	Introduction to Strategic Communication	4
STCM 11100	Presentation and Graphic Design	4
STCM 23200	Public Relations: Theory and Practice	4
STCM 24100	Advertising, Promotion, and Brand Experiences	4
MKTG 31200	Principles of Marketing	4
Choose ONE of the following:		4
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	
<b>Total Credits</b>		<b>24</b>

## Communication Strategy and Design Minor

### Requirements

Code	Title	Credits
Required Courses for the Minor		
STCM 10300	Introduction to Strategic Communication	4
STCM 21000	Instructional Design	3
STCM 21100	Corporate Communication: Strategy and Design	3
STCM XXXXX	Choose a minimum of 8 credits, at least 5 credits must be at 200-level or above, excluding internship	8
<b>Total Credits</b>		<b>18</b>

## Live Event Design and Management Minor

Learn more at the Department of Strategic Communication page (p. 317)

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		
<b>Total Credits</b>		<b>24</b>

## Interdisciplinary Programs

The Roy H. Park School of Communications offers courses and programs that are not 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.S. Sports Media (p. 327) - *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.

### P (p. 327)ark Pathways (p. 327) - *Rob Gearhart, Associate Dean*

Park Pathways provides students an alternative to applying directly into a specific Park School degree program, offering an opportunity to be admitted to the Park School and explore coursework across programs for up to three semesters before declaring their major. Students in the Park Pathways program enroll in the S'Park: Igniting Your Future in Communications course and those faculty become their Park Pathways advisors.

#### Majors

- Park Pathways (p. 327)
- Sports Media - B.S. (p. 327)

#### 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

**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 20700 History of Sport (LA)**

Focuses on the role of sport in past and contemporary societies.

Consideration of sport as a microcosm of society, a mirror of American life. Political, economic, military, and societal issues of sports participation are carefully examined – how sport has shaped culture and has, in turn, been influenced by it. (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 29500 Social Aspects of Sport (LA)**

An investigation of the social significance of sport and the utilization of the sociological perspective for understanding the nature of sport. (F,S,Y)  
3 Credits

**SPME 29700 Sport: Philosophical Perspectives (LA)**

An introduction to several philosophical perspectives on the meaning of sport as a human activity. An examination of selected philosophical issues or topics as they occur in sport. Prerequisites: SPST 20700 or SPST 29500. (F,S,Y)  
3 Credits

**SPME 29900 The Evolution of Sport Media (LA)**

An analysis of the changing landscape of the sport media from the Industrial Revolution of the mid-19th century to its current configuration. Students examine relevant periods and events throughout American history and investigate the role the sport media played on the political, social, and technological climate of that time. The course will also try to debunk the myth that what goes on in today's sport media is dramatically different from bygone eras. (S,Y)  
Attributes: MAP  
3 Credits

**SPME 32400 Youth Sport in America (LA)**

Investigation of the social and cultural significance of the ways contemporary American society employs sport to foster moral development in children and adolescents. Focus is on historical antecedents of organized sport for children both in and outside the school setting. Significant attention is devoted to Little League baseball and to high school football and basketball. Prerequisites: SPME 20700, SPME 29500. (IRR)  
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 39700 The Olympic Games (LA)**

Investigation of the historical, cultural, and sociopolitical significance of the Olympic Games, both ancient and modern. These perspectives further a deeper understanding of the nature of sport. Prerequisites: SPME 20700, SPME 29500, or SPME 29700. (IRR)  
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. This course may be repeated for a total of twelve credits. (F-S,Y)  
1-12 Credits

Park Pathways

Park Pathways Course Options

**Required for all:** GCOM 13000 *S'Park: Igniting Your Future in Communications* (offered fall only)  
Choose one course from each group below - Group A: Foundational & Group B: Applied - for up to 3 semesters

- Fall / Semester 1 option: declare your major by October 1st
- Spring / Semester 2 option: declare your major by March 1st
- Fall / Semester 3 requirement: declare your major by October 1st

First Year		
Fall		
GCOM 13000	Spark: Igniting your Future in Communications	Credits 1
Choose one: Group A (foundational)		
		3-4
Choose one: Group B (applied)		
		3-4
ICSM 10500	Ithaca Seminar	4
ICC elective		3-4
Credits		14-17
Spring		
Choose one: Group A (foundational)		
		3-4
Choose one: Group B (applied)		
		3-4
ICC elective		3-4
ICC elective		3-4
Credits		12-16
Second Year		
Fall		
Choose one: Group A (foundational)		
		3-4
Choose one: Group B (applied)		
		3-4
ICC elective		3-4
elective		3-4
Credits		12-16
Total Credits		38-49

Code	Title	Credits
Group A: Foundational Courses (choose one per semester)		
CNPH 10100	Introduction to Film Aesthetics and Analysis (fall only)	3
MASS 10100	History of Narrative Film, Television, and Emerging Media Part I (fall only)	3
MASS 10200	History of Narrative Film, Television, and Emerging Media Part II (spring only)	3
STCM 10300	Introduction to Strategic Communication	3

MASS 10400	Story: From Cave Paintings to Emerging Media	3
STCM 10800	Communication in Organizations	3
SPME 11100	Introduction to Sports Media	3
TVR 12100	Introduction to Mass Media	3
TVR 12200	Introduction to Media Aesthetics and Analysis	3
STCM 12300	Systemic Design	3
TVR 12400	Introduction to Media Industries	4
CNPH 21400	Hollywood and American Film (spring only)	4
STCM 13300	Live Events: Spectacles, Festivals, Celebrations, and Society	3
CNPH 24000	History of Photography (spring only)	3
Group B: Applied Courses (choose one per semester)		
TVR 10500	Introduction to Audio	3
TVR 10700	Introduction to Television Studio Production	4
STCM 11100	Presentation & Graphic Design	3
CNPH 11100	Cinema Production 1	4
JOUR 11100	Introduction to Journalism	4
JOUR 11200	Investigative Journalism <sup>perquisite: JOUR 11100</sup>	4
TVR 11500	Introduction to Video Production	4
TVR 13100	Media Writing	3
MASS 13400	Writing for Screen Media	3
CNPH 14100	Introduction to Photography	4

Sports Media - B.S.

Learn more at the Interdisciplinary Programs page

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

Summary

Code	Title	Credits
Major Requirements		48
Integrative Core Curriculum (ICC) & Elective Requirements <sup>1</sup>		72
Total Credits		120

\* **Total Credits** must include 60 liberal arts credits and 60 credits outside the Park School

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Social Science perspective.

Degree Requirements

Code	Title	Credits
Major Core Requirements		
SPME 11100	Introduction to Sports Media	3
JOUR 11100	Introduction to Journalism	4
TVR 11500	Introduction to Video Production	4
TVR 12400	Introduction to Media Industries	4
SPME 22500	Sports Media Relations	3

STCM 23200	Public 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
<b>Major Elective Requirement</b>		
Select 15 credits of the following (at least 9 credits must be at the 300-level or higher):		15
SPME xxxxx: Sports Media courses		
JOUR xxxxx: Journalism courses		
STCM xxxxx: Strategic Communications courses		
TVR xxxxx: Television Radio Courses		
GCOM xxxxx: General Communications courses		
<b>Total Credits</b>		<b>48</b>

# School of Health Sciences and Human Performance

Christina Moylan, *Dean*

Julie Dorsey, *Associate Dean*

Jana Waller, *Associate Dean*

## 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 providing preventive or therapeutic interventions for people in clinical, employment, school, or home-based settings; coaching athletes; designing fitness or strength and conditioning programs for individuals, athletic teams, or within corporate settings; working within a sport organization, government health agency, or community setting; conducting clinical or health sciences research; managing hospitals and long term care facilities; and supporting public health activities in government, nonprofit, or global settings to improve population health.

## Hallmarks for Student Success

### Wide Choice of Programs

The School of Health Sciences and Human Performance (HSHP) currently enrolls more than 1,000 full-time students across both undergraduate and graduate programs. In addition, students can choose from a variety of minors and concentrations 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 health 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

Founded in 1975 at the University of Florida, the Alpha Eta Society (AES) is a national scholastic honor society for the allied health professions that was formed to promote and recognize significant scholarship in, leadership in, and contributions to the field. Ithaca College received its charter from the national organization in 2009. 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 postgraduate degree 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. 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.

In addition, HSHP operates the on campus Robert R. Colbert Sr. Wellness Clinic, an occupational therapy/physical therapy clinic, the Sir Alexander Ewing Speech and Hearing Clinic, and athletic training clinics. We operate an off campus interprofessional learning clinic, the Center for Life Skills, at Longview, a nearby assisted living facility.

## Employment after Graduation

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.

## International Study

HSHP students are encouraged to pursue international study. One option is the Ithaca College London Center (<https://www.ithaca.edu/oip/london/>). 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. Depending on the academic year, faculty in HSHP do offer short-term international study opportunities. The availability of these opportunities is known well in advance for student planning. Also, the staff of the Office of International Programs is 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 serves to coordinate contractual arrangements with sites. 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. For many professions, students are not able to sit for professional licensure and/or certification exams until *after* graduation. Ithaca College will not certify degree completion until all final grades are issued and degree requirements are completed.

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

HSHP also offers graduate degrees in athletic training, exercise and sport sciences, occupational therapy, physical therapy, physician assistant studies, and speech-language pathology. For more information regarding these programs, consult the Ithaca College graduate catalog (p. 649).

## Physical Activity, Leisure, and Safety Program

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.

PALS courses are offered on a pass/fail basis only. A maximum of 6 credits in PALS courses, taken as open (free) electives, may be counted

toward graduation. Certain degrees may further limit the number of PALS courses or credits that may be counted toward graduation. Some PALS courses require that students 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. It is the student's responsibility to register for the course in the semester that the team sport occurs to receive credit. Students who do not make the team or who discontinue participation for any reason are responsible for dropping or withdrawing from the course to avoid receive a failing grade. 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.

## Majors

- Clinical Health Studies — B.S. (p. 364)
- Exercise Science (p. 340)— B.S. (p. 364)
- Exercise Science Pre-Athletic Training — B.S. (p. 342)
- Health Sciences — B.S. (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/department-health-sciences-public-health/health-sciences-major-bs/>)
- Occupational Science — B.S. (p. 358)
- Public and Community Health — B.S. (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/department-health-sciences-public-health/public-community-health-major-bs/>)
- Speech-Language Pathology — B.S. (p. 368)
- Clinical Health Studies/Physical Therapy, B.S./D.P.T., six-year program (p. 739)<sup>1</sup>
- Exercise and Sport Sciences — M.S. (p. 720)<sup>1</sup>
- Occupational Science/Occupational Therapy, B.S./O.T.D., six-year program (p. 730)<sup>1</sup>
- Occupational Therapy — M.S. (p. 730). (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/department-occupational-therapy/occupational-therapy-major-ms/>)<sup>1</sup>
- Physician Assistant Studies — M.S. (p. 748)<sup>1</sup>
- Speech-Language Pathology — M.S. (p. 752)<sup>1</sup>

## Teacher Education Program

- Speech-Language Pathology with Teaching Certification, M.S. (p. 756)<sup>1</sup>

<sup>1</sup> For more information, see the Ithaca College graduate catalog (p. 649).

## 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 allied health, medical, or nursing careers 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 their first 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

### Please note that space in minors may be limited

- Aging Studies (p. 353)
- Coaching (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/department-health-sciences-public-health/coaching-minor/>)
- Communication Disorders (p. 368)
- Deaf Studies (p. 369)
- Exercise Science (p. 342)
- Health (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/department-health-sciences-public-health/health-minor/>)
- Nutrition Promotion (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/department-health-sciences-public-health/nutrition-promotion-minor/>)
- Sport and Exercise Psychology (p. 343)

Students in all undergraduate majors at Ithaca College may enroll in these minors, with the following exceptions:

- **Communication Disorders** — Speech-language pathology majors are not eligible. See Department of Speech-Language Pathology and Audiology (p. 365).
- **Exercise Science** — Exercise science and athletic training majors are not eligible. See Department of Exercise Science and Athletic Training (p. 332).
- **Health** — Public and community health majors are not eligible. See Department of Health Sciences and Public Health. (p. 343)

Requests for the minors should be made through IC Workflow. Students 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 Sciences and Public Health. 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.

## 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. 9)" section of this catalog. See Course Credit and Grade Information and Processes for "Appealing College Policies and Academic Decisions (p. 6)". Each student assumes responsibility for presenting all the facts and circumstances concerning a grade appeal.

## Academic Status Policy

HSHP adheres to the College policy for good standing, warning, suspension, and dismissal set out in the "Satisfactory Academic Progress (p. 17)" section of this catalog. In addition, HSHP degree programs may have additional academic policies and procedures in effect. Students should consult with their department or program chair and the relevant catalog page for their major regarding degree-specific academic policies and procedures.

### Attendance Policy

HSHP adheres to the College policy regarding attendance. For more information on the College's attendance policy see the "Academic Information" section of the "Registration Information (p. 14)" section in this catalog. Students are advised to carefully review attendance policy requirements in course syllabi (including for internships, fieldwork, or clinical placements/rotations) along with program-specific policies and procedures.

## Transfer into the School of Health Sciences and Human Performance

Both internal and external transfer applicants are admitted into undergraduate HSHP majors. All students intending to transfer should first contact the department in which their intended major is offered to meet with the appropriate HSHP department chair or designee. Students from external 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.

## General Requirements for Internal and External Transfer

The following requirements must be met by students transferring from within Ithaca College. Students transferring from external 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 HSHP degree programs require higher GPAs and may have other requirements that students must meet to be considered for admission.

## Specific Departmental Transfer Requirements

Specific departmental transfer requirements for the following programs exceed the minimum college requirements. Transfer into any program is limited to available openings as determined by each departments:

**Pre-Athletic training:** 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 within a certain timeframe, with no grade below C- in any of those 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. Applicants should have a 3.0 minimum GPA and grades of C or better in all required prerequisite courses, including biology and chemistry. 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/>)".

**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. 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 is available on the physical therapy department website (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/physical-therapy/transfer-opportunities/>).

**Speech-language pathology and audiology:** A minimum cumulative GPA of 2.50 and no grade below C- in any speech-language pathology and audiology course completed. 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.

External transfers for any of these degree programs should consult with the Office of Admissions (<https://www.ithaca.edu/admission/undergraduate-admission/transfer-students/>).

## 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 "Course Credit and Grade Information (p. 10)" section of this catalog. Students who consider taking courses elsewhere should be mindful of the Academic Residency Requirement (<https://catalog.ithaca.edu/undergrad/academic-information/credit-grade/>).

## Additional Costs

The curricula of most degree programs in HSHP involve expenses not covered by academic year tuition. This may include, but is not limited to, tuition for summer or winter courses, malpractice/liability insurance, books, housing, living expenses, transportation, or specialized software or equipment. HSHP does not cover housing, transportation, or other costs associated with completing internships, fieldwork, or clinical placements/rotations. It is the student's responsibility to be aware of these additional costs which are available through each department or the Office of Student Financial Services. See "Expenses" in the "Financial Aid (p. 254)" 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 undergraduate exercise science majors: athletic training and exercise science.

## Exercise Science B.S.

The exercise science major offers three concentrations: medical sciences, sport sciences, and strength and conditioning for performance and wellness. 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.

## Medical Sciences Concentration

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.

## Sport Sciences Concentration

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.

## Strength & Conditioning for Performance and Wellness Concentration

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 (EXT, ECG) and the knowledge to improve sport performance through advanced strength, speed, power, agility, and balance training.

Students gain unique experiences working with clients across the lifespan. 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.

## Exercise Science Pre-Athletic Training B.S.

Ithaca College offers an accelerated, combined B.S./M.S. in a 5-year dual degree program. This curriculum results in students earning the B.S. in Exercise Science, Pre-Athletic Training and the M.S. in Athletic Training. Students who intend to become certified athletic trainers (ATC) enter

Ithaca College as majors in the B.S. in Exercise Science - Pre-Athletic Training curriculum. During the 4th year, students matriculate into the M.S. in Athletic Training program. The B.S. Exercise Science - Pre-Athletic Training Program is the sole entry point into the five-year professional program. Graduates of the dual degree program will be eligible to sit for the national Board of Certification for the Athletic Trainer examination and to apply for professional licensure.

*The following degrees are combined to comprise the 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 both undergraduate coursework and graduate-level coursework. Completion of the Exercise Science - Pre-Athletic Training (B.S.) alone *does not* provide eligibility for certification as an athletic trainer.

## M.S., ATHLETIC TRAINING (GRADUATE/PROFESSIONAL)

During the fourth year of study, students enter the professional phase (M.S. Athletic Training curriculum). Coursework will continue through year 5, consisting of summer, fall and spring semesters, including the completion of a clinical research project. In the spring of the 5th year, students will complete a 5-week clinical immersion experience. Students who complete both the undergraduate (B.S. Exercise Science - Pre-Athletic Training) and graduate (M.S. Athletic Training) curricula will be eligible to sit for the national Board of Certification for the Athletic Trainer examination and to apply for professional licensure.

- 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).
- 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).
- Overall, cumulative G.P.A. greater than or equal to 3.0
- Grades of C- or greater in the following courses: EXSS 12000, EXSS 12100, EXSS 22000, EXSS 24600, EXSS 30600, EXSS 30700, EXSS 30800, EXSS 30900, EXSS 31000, EXSS 31100, EXSS 31200, EXSS 31300, EXSS 31400, EXSS 31500, EXSS 31600, EXSS 31700, EXSS 31800, EXSS 31900, EXSS 32000, EXSS 32100, EXSS 32200, EXSS 32300, EXSS 32400, EXSS 32500, EXSS 32600, EXSS 32700, EXSS 32800, EXSS 32900, EXSS 33000, EXSS 33100, EXSS 33200, EXSS 33300, EXSS 33400, EXSS 33500, EXSS 33600, EXSS 33700, EXSS 33800, EXSS 33900, EXSS 34000, EXSS 34100, EXSS 34200, EXSS 34300, EXSS 34400, EXSS 34500, EXSS 34600, EXSS 34700, EXSS 34800, EXSS 34900, EXSS 35000, EXSS 35100, EXSS 35200, EXSS 35300, EXSS 35400, EXSS 35500, EXSS 35600, EXSS 35700, EXSS 35800, EXSS 35900, EXSS 36000, EXSS 36100, EXSS 36200, EXSS 36300, EXSS 36400, EXSS 36500, EXSS 36600, EXSS 36700, EXSS 36800, EXSS 36900, EXSS 37000, EXSS 37100, EXSS 37200, EXSS 37300, EXSS 37400, EXSS 37500, EXSS 37600, EXSS 37700, EXSS 37800, EXSS 37900, EXSS 38000, 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- 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.

## Majors & Minors

- Exercise Science - B.S. (p. 340)
- Exercise Science Pre-Athletic Training — B.S. (p. 342)
- Exercise Science Minor (p. 342)
- Sport and Exercise Psychology Minor (p. 343)

### **ATEG 50100 Connective Tissues (NLA)**

Introduces the properties of all connective tissue as related to musculoskeletal injuries by examining the foundational anatomical, mechanical, and physiological principles essential to clinical practice and future expertise in risk reduction, diagnosis, and intervention for musculoskeletal injuries. Covers the pathoanatomy and pathomechanics of tissue injury, microdamage and macrodamage, pain and pain modulation, the healing response and tissue adaptation, and factors that influence the healing process, including magnitude & frequency of loading, force application, time, health status, age, overtraining, and other relevant determinants. (F,Y)

3 Credits

### **ATEG 50200 Acute Care and Emergency Management (NLA)**

Describes the appropriate assessment and intervention for acute care and emergency situations in the athletic setting, such as cardiac arrest, concussion, spinal injury, heat illness, and other athletic-related trauma. Presents methods of risk reduction for emergent injuries and illnesses. Examines the epidemiology and etiology of emergent injuries and illnesses. (S,Y)

4 Credits

### **ATEG 50300 Clinical Anatomy (NLA)**

Examines human anatomy with an emphasis on neuromusculoskeletal system structure and function. Introduces common injuries associated with physical activity through a combined examination of normal and abnormal anatomy and mechanics. (F,Y)

3 Credits

### **ATEG 50400 Professional Practice in Athletic Training (NLA)**

Introduces the athletic training professional practice, including athletic training policies and procedures. Demonstrates standard documentation procedures, including use of electronic medical records. Instructs on effective communication in health care. Provides skill practice and application of injury treatment, such as taping and wrapping. (F,Y)

3 Credits

### **ATEG 50500 Athletic Training Practicum I (NLA)**

Practical experience in a clinical setting under the supervision of an approved preceptor. Apply clinical skills acquired in didactic courses to a patient population. Introduces the Core Competencies and Practice Domains of athletic training. Enhance professionalization through direct interaction with various clinical professionals. The 1st of 4 athletic training practical courses. (F,Y)

3 Credits

### **ATEG 50600 Assessment of Musculoskeletal Conditions (NLA)**

Examines the etiology, pathology, process, diagnosis, and treatment of neuromusculoskeletal conditions and injuries. Emphasizes conditions that affect the physically active patient population. Prerequisites:

ATEG 50100. (F,Y)

4 Credits

### **ATEG 50700 Assessment of General Medical Conditions (NLA)**

Examines the etiology, pathology, process, diagnosis and treatment of diseases of the human body. Emphasizes disorders and conditions of the immune, cardiovascular, pulmonary, gastrointestinal, endocrine, renal, urogenital, and dermatological systems. Discusses the application of pharmacological interventions. Prerequisites: ATEG 50100. (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 Athletic Training Practicum II (NLA)**

Practical experience in a clinical setting under the supervision of an approved preceptor. Apply clinical skills acquired in didactic courses to a patient population. Reinforce the Core Competencies and Practice Domains of athletic training. Enhance professionalization through direct interaction with various clinical professionals. The 2nd of 4 athletic training practical courses. Prerequisites: ATEG 50500. (S,Y)

3 Credits

### **ATEG 51100 Clinical Research in Athletic Training I (NLA)**

Prepares athletic training students to be clinician-scientists by addressing key elements of clinical research in athletic training. Introduces clinical research and the initial steps to conducting a clinical research project. Builds on foundational content from Evidence-Based Practice, Research Methods, and Statistics. Focuses on didactic instruction of clinical research and initiating a clinical research project (case report or critically appraised topic), including 1) developing a focused & answerable clinical question OR describing a clinical case, 2) conducting a systematic search of the scientific literature to answer the clinical question OR to develop the foundation background knowledge to describe the anatomical, mechanical, and physiological considerations that lead to a unique diagnosis or intervention. Part 1 of a 2-course Clinical Research in Athletic Training series. Prerequisites: ATEG 50100. (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 55000 Immersive Fieldwork in Athletic Training (NLA)**

Supervised immersive clinical experience. Provides opportunities to participate in the day-to-day and week-to-week role of an athletic trainer for a period of time identified by the preceptor. Permission of instructor required. (IRR,U,W)  
1-3 Credits

**ATEG 60400 Health Care Delivery and Administration in Athletic Training (NLA)**

Addresses the organization and administration of health care delivery systems specific to athletic training. Emphasizes continual quality improvement, patient and clinical outcomes, payor systems and reimbursement, legal aspects, and operational management. Prerequisites: ATEG 50400. (F,Y)  
3 Credits

**ATEG 60500 Athletic Training Practicum III (NLA)**

Practical experience in a clinical setting under the supervision of an approved preceptor. Apply clinical skills acquired in didactic courses to a patient population. Reinforces the Core Competencies and Practice Domains of athletic training. Enhance professionalization through direct interaction with various clinical professionals. The 3rd of 4 athletic training practical courses. Prerequisites: ATEG 51000. (F,Y)  
3 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 Athletic Training Practicum IV (NLA)**

Engage in practical experience in a clinical setting under the supervision of an approved preceptor. Apply clinical skills acquired in didactic courses to a patient population. Reinforces the Core Competencies and Practice Domains of athletic training. Enhance professionalization through direct interaction with various clinical professionals. Includes 5-week, full time clinical immersion rotation either on, or off campus. The 4th of 4 athletic training practical courses. Prerequisites: ATEG 60500. (S,Y)  
6 Credits

**ATEG 61100 Clinical Research in Athletic Training II (NLA)**

Prepares athletic training students to be clinician-scientists by addressing key elements of clinical research in athletic training. Continues with the conduct of a clinical research project that was initiated in ATEG 51100: Clinical Research in Athletic Training I. Focuses on 1) critical appraisal of clinical research studies identified in systematic search, 2) extracting and synthesizing relevant data from the included studies, 3) interpreting and generating clinical recommendations from the results, and 4) generating products to disseminate results and interpretations. Part 2 of a 2-course Clinical Research in Athletic Training series. Prerequisites: ATEG 51100. (F,Y)  
2 Credits

**ATEG 61500 Advanced Topics in Athletic Training (NLA)**

Emphasizes advanced evidence-based theory and techniques for injury mitigation and intervention in the physically active population. Addresses emerging trends in the profession. Prerequisites: ATEG 60500. (S,Y)  
4 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. (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. 1.0 credit. (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. (F,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 13000 Pre-Athletic Training Practicum 1 (NLA)**

Introduces elements of health care, the athletic training profession, and clinical practice. Presents basic skills, such as taping, wrapping, joint and muscle assessment, application of simple therapeutic techniques, safety, and clinic organization. Part 1 of a 6-course Pre-Athletic Training Practicum series. (F,Y)  
1 Credit

**EXSS 13500 Pre-Athletic Training Practicum 2 (NLA)**

Reinforces elements of health care, the athletic training profession, and clinical practice. Introduces the specific health care structure of athletic training at Ithaca College. Presents basic skills for applying various physical agents. Part 2 of a 6-course Pre-Athletic Training Practicum series. Prerequisites: EXSS 13000. (S,Y)  
1 Credit

**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. 1 credit. (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: Any 100-level course. (F,S,Y)  
Attributes: 1, SS  
3 Credits

**EXSS 21000 Pre-Athletic Training Practicum 3 (NLA)**

Reinforces elements of health care, the athletic training profession, and clinical practice. Expands on skills learned in courses from the Exercise Science curriculum (Anatomy & Physiology I, Anatomy & Physiology II, Kinesiology), including palpation, goniometry, manual muscle testing, and neuromuscular screen. Part 3 of a 6-course Pre-Athletic Training Practicum series. Prerequisites: EXSS 13500. (F,Y)  
1 Credit

**EXSS 21500 Pre-Athletic Training Practicum 4 (NLA)**

Reinforces elements of health care, the athletic training profession, and clinical practice. Expands on skills learned in courses from the Exercise Science curriculum (Anatomy & Physiology I, Anatomy & Physiology II, Foundations of Human Performance and Wellness, Kinesiology), including stretching and strengthening exercises. Introduces assisted ambulatory and general medical assessment skills. Part 4 of a 6-course Pre-Athletic Training Practicum series. Prerequisites: EXSS 21000. (S,Y)  
1 Credit

**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. Prerequisites: EXSS 12000, EXSS 12100 (can be taken concurrently). (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. (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 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 Health-Related Assessment (NLA)**

Develop skills in administering health screening, assessments for cardiovascular endurance, muscular fitness, flexibility, body composition, and functional fitness. Majority of learning is fostered through review of video lectures, supervised practice, and arranged experiences in a full-functioning Wellness Clinic. 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. 1 credit. (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 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. (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 (LA)**

Describes human health and illness from a personal context. Explains biological, psychological, and social factors and their complex interactions in order to formulate more effective approaches to health, illness, and health care delivery. Applies the biopsychosocial model to healthcare studies and clinical practice. Prerequisites: PSYC 10300; EXSS 24600. (F,Y)

Attributes: DV

3 Credits

**EXSS 31200 Pre-Athletic Training Practicum 5 (NLA)**

Reinforces elements of health care, the athletic training profession, and clinical practice. Introduces procedures for medical coverage at practices, competitions, and in the event of emergency response. Prepares students for cardiopulmonary resuscitation (CPR) and automated external defibrillator (AED) certification. Discusses specific considerations for various collegiate sports. EXSS 31200: Pre-Athletic Training Practicum 5 will be the 5th of the 6-course Pre-Athletic Training Practicum series. Prerequisites: EXSS 21500. (F,Y)

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. (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 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 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. 1 credit. (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, 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. 1 credit. (F-S,Y)

1 Credit

**EXSS 38400 Practicum in Athletic Testing (NLA)**

Develop skills to conduct sports specific needs analyses. Students' abilities to implement testing protocols to evaluate athlete / client condition on health- and skill-related components of fitness is enhanced. Statistical analysis is used to identify strengths and weaknesses. Profiles are devised to identify objective program directions. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 26200 and EXSS 26400. (F,Y)

1 Credit



**EXSS 38500 Practicum in Resistance Exercise and Olympic Weightlifting (NLA)**

Explore and execute training modes to enhance strength and power in active populations. Emphasis is on technique and teaching for development of performance in a variety of active populations. Discussion and demonstration, personal skill development, and leading peers in skill development are the primary means of instruction. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 26200 and EXSS 26400. (S,Y)

1 Credit

**EXSS 38600 Practicum in Field-Based Conditioning (NLA)**

Develop skills in the 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 / clients in skill development are the primary means of instruction. Material is geared toward meeting learning objectives for national certification. Prerequisite: EXSS 26200 and EXSS 26400. (S,Y)

1 Credit

**EXSS 38700 Practicum in Performance and Wellness Testing (NLA)**

Emphasizes skill development in graded exercise testing through practice-based instruction. Assessing the health status of an individual, protocol selection, and utilizing results to guide exercise programming will be discussed. Understanding electrocardiography and safety and emergency procedures will be highlighted. Majority of learning is fostered through arranged experiences in a full-functioning Wellness Clinic and Exercise Physiology Laboratory. Material is geared toward meeting learning objectives for national certification. Prerequisites: EXSS 26200; EXSS 26400; EXSS 32100. (S,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. (S,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. 3 credits. (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. 3 credits. (F-Y)

3 Credits

**EXSS 41100 Evidence-Based Practice (NLA)**

Introduces evidence-based practice and clinical research, including epidemiologic, etiologic, diagnostic, prognostic, and therapeutic study designs. Discusses the clinical scientific method and the systematic process of moving from observation to intervention in clinical research. Emphasizes the critical appraisal of research, including identifying potential sources of bias, making a professional judgment of the seriousness of the risk of bias, and interpreting clinical research metrics to guide decision-making and best practices for patients. Prerequisites: EXSS 37500. (S,Y)

3 Credits

**EXSS 41200 Pre-Athletic Training Practicum 6 (NLA)**

Reinforces elements of health care, the athletic training profession, and clinical practice. Discusses various professional and regulatory elements of athletic training including, the domains of practice, interprofessional practice, professional education, and governance. Prepares students for entry into the Athletic Training Program. Part 6 of a 6-course Pre-Athletic Training Practicum series. Prerequisites: EXSS 31200. (S,Y)

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 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. 6-12 credits. (F-S,Y)

6-12 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. 3 credits. (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. 1 credit. (F-S,Y)  
1 Credit

**EXSS 47000 Applied Practice in Strength and Conditioning and Wellness (NLA)**

Enhance understanding of service provision in strength and conditioning for performance and wellness through applied practice. Students will assist strength and conditioning and health and wellness professionals in the delivery of support services to athletes / clients. Areas of support may include performance testing, program design, exercise leadership, reflective practice and athlete, client and coach education. The objective is to observe closely and have some supervised experiences in the daily operations and special functions of strength and conditioning / health and fitness facilities. A clear focus for internship planning will be developed during this experience. Prerequisites: EXSS 38600; EXSS 38700; EXSS 39000. (F,Y)  
2 Credits

**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. 3 credits. (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; 3 credits. (S,Y)  
Attributes: CP  
3 Credits

**Exercise Science - B.S.**

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

**Summary**

Code	Title	Credits
Exercise Science Major Requirements		72-87
Integrative Core Curriculum and Electives <sup>1</sup>		33-48
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Natural Sciences perspective.

**Degree Requirements**

Code	Title	Credits
<b>General Sciences</b>		
HLTH 20200	Human Nutrition	3
PHYS 10100	Introduction to Physics I	4
Statistics course (choose one):		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	
<b>Exercise Science Core Requirements</b>		
EXSS 12000	Anatomy and Physiology I	4
EXSS 12100	Anatomy and Physiology II	4
EXSS 12500	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	4
EXSS 37500	Research Methods in Exercise and Sport Sciences	3
<b>Total Credits</b>		<b>44-45</b>

## Medical Sciences Concentration

Code	Title	Credits
EXSS 47500	Research Team I: Exercise and Sport Sciences	3
EXSS 47700	Research Team II	3
Math Elective		4
MATH 10800	Applied Calculus or MATH 111Calculus I	

### Science Requirements

Students select Biology, Chemistry, and Physics courses or course sequences. Students intending to go further in research are encouraged to select the extended option in Chemistry.

#### BIOLOGY SEQUENCE 8

BIOL 11900 & BIOL 12000	Fundamentals of Biology: Cells and Bodies and Fundamentals of Biology: Ecology and Evolution	
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OR

BIOL 12100 & BIOL 12200	Principles of Biology, Cell and Molecular and Principles of Biology, Ecology and Evolution	
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#### CHEMISTRY SEQUENCE

CHEM 12100 & CHEM 12200	Principles of Chemistry and Principles of Chemistry Laboratory	4
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Select one of the following additional Chemistry options: 4-12

CHEM 11200 & CHEM 11400	Organic Chemistry and Biochemistry and Chemistry Laboratory	
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OR

CHEM 22100 & CHEM 22300	Organic Chemistry I and Organic Chemistry I Laboratory	
CHEM 22200 & CHEM 22400	Organic Chemistry II and Organic Chemistry II Laboratory	

CHEM 23200 & CHEM 23300	Quantitative Chemistry and Quantitative Chemistry Laboratory	
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PHYS 10200	Introduction to Physics II	4
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**Total Credits 30-38**

## Sport Sciences Concentration

Code	Title	Credits
EXSS 47500	Research Team I: Exercise and Sport Sciences	3
EXSS 47700	Research Team II	3

MATH 10800	Applied Calculus or MATH 11100Calculus I	4
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### Restricted Electives or a Minor

Students complete the concentration by choosing 18 credits from the list of courses below, or by selecting an appropriate minor, in consultation with their advisor, of at least 18 credits

BIOL 11900	Fundamentals of Biology: Cells and Bodies	
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BIOL 12000	Fundamentals of Biology: Ecology and Evolution	
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BIOL 12100	Principles of Biology, Cell and Molecular	
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BIOL 12200	Principles of Biology, Ecology and Evolution	
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CHEM 11200 & CHEM 11400	Organic Chemistry and Biochemistry and Chemistry Laboratory	
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CHEM 12100 & CHEM 12200	Principles of Chemistry and Principles of Chemistry Laboratory	
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CHEM 22100 & CHEM 22300	Organic Chemistry I and Organic Chemistry I Laboratory	
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CHEM 22200 & CHEM 22400	Organic Chemistry II and Organic Chemistry II Laboratory	
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CHEM 23200 & CHEM 23300	Quantitative Chemistry and Quantitative Chemistry Laboratory	
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PHYS 10200	Introduction to Physics II	
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EXSS 26200	Personal Training	
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EXSS 26400	Strength and Conditioning Foundations	
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EXSS 30200	Psychology of Injury in Sport and Exercise	
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EXSS 40400	Leadership and Team Building in Exercise and Sport	
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EXSS 40500	Applied Techniques in Sport Psychology	
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EXSS 42100	Advanced Study in Exercise Physiology	
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EXSS 42200	Exercise and Rehabilitation Psychology	
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EXSS 44700	Pathophysiology, Limited Capacity and Exercise	
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**Total Credits 28**

## Strength and Conditioning for Performance and Wellness Concentration

Code	Title	Credits
EXSS 17300	Fieldwork in Exercise Science I	1
EXSS 26200	Personal Training	3
EXSS 26400	Strength and Conditioning Foundations	3
EXSS 26500	Practicum in Performance and Wellness I	1
EXSS 38400	Practicum in Performance and Wellness II	1
EXSS 38500	Practicum in Performance and Wellness III	1
EXSS 38600	Practicum in Performance and Wellness IV	1
EXSS 38700	Practicum in Performance and Wellness Testing	1



EXSS 39000	Advanced Strength and Conditioning	3
EXSS 42100	Advanced Study in Exercise Physiology	3
EXSS 42200	Exercise and Rehabilitation Psychology	3
EXSS 44700	Pathophysiology, Limited Capacity and Exercise	3
EXSS 46600	Administration, Mentoring, and Professional Preparation	3
EXSS 47000	Applied Practice in Strength and Conditioning and Wellness	2
EXSS 47300	Internship: Strength and Conditioning	6
Total Credits		35

## Exercise Science Pre-Athletic Training – B.S.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

### Summary

Code	Title	Credits
Major Requirements		91-93
Integrative Core Curriculum and Electives <sup>1</sup>		27-29
Total Credits		120

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Natural Sciences perspective.

#### Major Requirements

Code	Title	Credits
<b>General Sciences</b>		
BIOL 11900	Fundamentals of Biology: Cells and Bodies	4
PHYS 10100	Introduction to Physics I	4
PSYC 10300	General Psychology	3
Select one of the following MATH requirements:		3-4
MATH 14500	Statistics for the Health, Life, and Social Sciences	
MATH 15500	Basic Statistical Reasoning	
Select one of the following Chemistry requirements:		3-4
CHEM 10100	Chemistry and Your Body	
CHEM 11000	General Chemistry	
CHEM 12100	Principles of Chemistry	
& CHEM 12200 and Principles of Chemistry Laboratory		
<b>Exercise Science Courses</b>		
EXSS 12000	Anatomy and Physiology I	4
EXSS 12100	Anatomy and Physiology II	4
EXSS 12500	Foundations of Human Performance and Wellness	2
EXSS 22000	Kinesiology	4
EXSS 24600	Prevention and Care of Athletic Injuries	3

EXSS 30600	Biomechanical Principles of Human Movement	4
EXSS 32100	Exercise Physiology	4
EXSS 37500	Research Methods in Exercise and Sport Sciences	3
HLTH 20200	Human Nutrition	3

#### Pre-Athletic Training Courses

Lecture Courses		
EXSS 31100	Biopsychosocial Foundations of Clinical Practice	3
EXSS 41100	Evidence-Based Practice	3

Practicum Courses		
EXSS 13000	Pre-Athletic Training Practicum 1	1
EXSS 13500	Pre-Athletic Training Practicum 2	1
EXSS 21000	Pre-Athletic Training Practicum 3	1
EXSS 21500	Pre-Athletic Training Practicum 4	1
EXSS 31200	Pre-Athletic Training Practicum 5	1
EXSS 41200	Pre-Athletic Training Practicum 6	1

#### Athletic Training Courses

Lecture Courses		
ATEG 50100	Connective Tissues	3
ATEG 50200	Acute Care and Emergency Management	4
ATEG 50300	Clinical Anatomy	3
ATEG 50400	Professional Practice in Athletic Training	3
ATEG 50600	Assessment of Musculoskeletal Conditions	4
ATEG 50700	Assessment of General Medical Conditions	4
ATEG 50800	Therapeutic Interventions in Athletic Training I	4

Practicum Courses		
ATEG 50500	Athletic Training Practicum I	3
ATEG 51000	Athletic Training Practicum II	3

Total Credits		91-93
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Courses within the M.S. Athletic Training phase of the B.S./M.S. Program

## Exercise Science Minor

The exercise science minor provides students with a foundational understanding of human anatomy and physiology. Students will integrate their understanding of human structure and movement to analyze responses and adaptations to exercise. The exercise science minor is open to all students, except majors in the Exercise Science and Athletic Training Department.

### Requirements

Code	Title	Credits
EXSS 12000	Anatomy and Physiology I	4
EXSS 12100	Anatomy and Physiology II	4
EXSS 32100	Exercise Physiology	4
Students are required to select 2 courses from the following list:		6-8
EXSS 20200	Sport and Exercise Psychology	

EXSS 22000	Kinesiology <sup>1</sup>
EXSS 24600	Prevention and Care of Athletic Injuries
EXSS 26200	Personal Training
EXSS 26400	Strength and Conditioning Foundations
EXSS 30600	Biomechanical Principles of Human Movement <sup>1</sup>
EXSS 32000	Neuromuscular Control
<b>Total Credits</b>	
<b>18-20</b>	

<sup>1</sup> 4 credits with lab

## 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
<b>Curriculum</b>		
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
<b>Total Credits</b>		<b>15</b>

## Department of Health Sciences and Public Health

Amy Frith, *Associate Professor and Chairperson*

Kari Brossard Stoos, *Associate Professor and Associate Chairperson*

Deborah Wuest, *Professor and Associate Chairperson*

The Department of Health Sciences and Public Health prepares students to take an active role in the promotion of health as future professionals in clinical healthcare, community health education, public health, and health policy.

### Our Mission

*To prepare future health professionals as compassionate change agents for equity, sustainability, and health for all.*

Through our majors, the department is committed to **six student learning outcomes** that reflect **our values**:

**Ecological Sustainability**: engage in professional practice and personal life in ways that promote thriving natural ecosystems as an essential foundation for the health of all.

**Honor Human Differences**: recognize and respect the complexities of human identity, experience and culture as they intersect with environmental contexts.

**Ethical Reasoning**: assess personal ethical values, recognize issues and dilemmas, and consider ethical implications.

**Ability to Analyze**: access reliable information, find appropriate data, apply discipline analysis techniques, and identify implications.

**Critical Thinking**: use skillful reasoning, systematic questioning, and problem-solving abilities from multiple perspectives to reflect sound conclusions and effective solutions.

**Civic Engagement**: demonstrate skills of advocacy, service, and collaboration to enrich society.

## Department Majors

The Department of Health Sciences and Public Health offers two majors that emphasize theory and practice. Each major includes a field-based experience and a capstone course.

The **Health Sciences Major** prepares students for advanced study in graduate or professional schools. This degree is designed to help students meet entry requirements for advanced training in clinical health professions. The Health Sciences major offers options for students to tailor their education to best pursue their career goals. The Health Sciences-Pre-Medical concentration is for those who want to pursue advanced training in medical school, and the Planned Clinical concentration offers a pathway for those who aspire to enter physician assistant, nursing, chiropractic programs, or registered dietician training, 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. 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.).

## MINORS IN THE DEPARTMENT OF HEALTH sciences and public health

There are four minors in the Department: Aging Studies, Health, 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 Sciences and Public Health 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 Sciences Major — B.S. (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/departments-health-sciences-public-health/health-sciences-major-bs/>)
- Public and Community Health Major — B.S. (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/departments-health-sciences-public-health/public-community-health-major-bs/>)
- Aging Studies Minor (p. 353)
- Coaching Minor (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/departments-health-sciences-public-health/coaching-minor/>)
- Health Minor (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/departments-health-sciences-public-health/health-minor/>)
- Nutrition Promotion Minor (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/departments-health-sciences-public-health/nutrition-promotion-minor/>)

Subjects in this department include: Health (HLTH) (p. 344) and Physical Education (PHED) (p. 350)

## 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 (<https://catalog.ithaca.edu/search/?P=COMP%2011000>), EXSS 13900, HLTH 13901 (<https://catalog.ithaca.edu/search/?P=HLTH%2013901>). (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 (<https://catalog.ithaca.edu/search/?P=EXSS%2012000>), BIOL 11500 (<https://catalog.ithaca.edu/search/?P=BIOL%2011500>), BIOL 11900 (<https://catalog.ithaca.edu/search/?P=BIOL%2011900>), BIOL 12100 (<https://catalog.ithaca.edu/search/?P=BIOL%2012100>), CHEM 11100, or CHEM 12100 (<https://catalog.ithaca.edu/search/?P=CHEM%2012100>); 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 (<https://catalog.ithaca.edu/search/?P=ECON%2020400>); students cannot receive credit for both ECON 20400 (<https://catalog.ithaca.edu/search/?P=ECON%2020400>) and HLTH 20400 (<https://catalog.ithaca.edu/search/?P=HLTH%2020400>). Prerequisites: ECON 12100 (<https://catalog.ithaca.edu/search/?P=ECON%2012100>) and ECON 12200 (<https://catalog.ithaca.edu/search/?P=ECON%2012200>). (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 (<https://catalog.ithaca.edu/search/?P=MATH%2015500>) or MATH 14400 (<https://catalog.ithaca.edu/search/?P=MATH%2014400>) or MATH 14500 (<https://catalog.ithaca.edu/search/?P=MATH%2014500>) or MATH 21600 (<https://catalog.ithaca.edu/search/?P=MATH%2021600>). (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, WGSI  
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 (<https://catalog.ithaca.edu/search/?P=EXSS%2012000>); EXSS 12100 (<https://catalog.ithaca.edu/search/?P=EXSS%2012100>). Students can receive credit for HLTH 23400 (<https://catalog.ithaca.edu/search/?P=HLTH%2023400>) or PHED 23400 (<https://catalog.ithaca.edu/search/?P=PHED%2023400>), 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 (<https://catalog.ithaca.edu/search/?P=HLTH%2011300>) or GERO 10100 (<https://catalog.ithaca.edu/search/?P=GERO%2010100>). (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 (<https://catalog.ithaca.edu/search/?P=HLTH%2020200>) and HLTH 30100 (<https://catalog.ithaca.edu/search/?P=HLTH%2030100>). (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 (<https://catalog.ithaca.edu/search/?P=HLTH%2021300>), HLTH 22900 (<https://catalog.ithaca.edu/search/?P=HLTH%2022900>), 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 (<https://catalog.ithaca.edu/search/?P=HLTH%2030000>). (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 (<https://catalog.ithaca.edu/search/?P=BIOL%2011900>), BIOL 12100 (<https://catalog.ithaca.edu/search/?P=BIOL%2012100>), or EXSS 12100 (<https://catalog.ithaca.edu/search/?P=EXSS%2012100>); 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 (<https://catalog.ithaca.edu/search/?P=BIOL%2011900>), BIOL 12100 (<https://catalog.ithaca.edu/search/?P=BIOL%2012100>), or EXSS 12100 (<https://catalog.ithaca.edu/search/?P=EXSS%2012100>); and any 200-level HLTH course; and HLTH 20700 or HLTH 31000 (<https://catalog.ithaca.edu/search/?P=HLTH%2031000>) (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 (<https://catalog.ithaca.edu/search/?P=MATH%2014400>), MATH 14500 (<https://catalog.ithaca.edu/search/?P=MATH%2014500>), MATH 15500 (<https://catalog.ithaca.edu/search/?P=MATH%2015500>), or MATH 21600 (<https://catalog.ithaca.edu/search/?P=MATH%2021600>); HLTH 20500 (<https://catalog.ithaca.edu/search/?P=HLTH%2020500>) or HLTH 21300 (<https://catalog.ithaca.edu/search/?P=HLTH%2021300>); 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 (<https://catalog.ithaca.edu/search/?P=HLTH%2021700>) 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 (<https://catalog.ithaca.edu/search/?P=HLTH%2020500>) 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 (<https://catalog.ithaca.edu/search/?P=PSYC%2033400>), HLTH 11300 (<https://catalog.ithaca.edu/search/?P=HLTH%2011300>), or MKTG 31200 (<https://catalog.ithaca.edu/search/?P=MKTG%2031200>). (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 (<https://catalog.ithaca.edu/search/?P=HLTH%2015200>); 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 (<https://catalog.ithaca.edu/search/?P=PHIL%2021200>) or PHIL 23000 (<https://catalog.ithaca.edu/search/?P=PHIL%2023000>); HLTH 20500 (<https://catalog.ithaca.edu/search/?P=HLTH%2020500>); WRTG 10600 (<https://catalog.ithaca.edu/search/?P=WRTG%2010600>) 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 (<https://catalog.ithaca.edu/search/?P=EDUC%2021010>); 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 (<https://catalog.ithaca.edu/search/?P=HLTH%2022900>), HLTH 30100 (<https://catalog.ithaca.edu/search/?P=HLTH%2030100>), HLTH 30500 (<https://catalog.ithaca.edu/search/?P=HLTH%2030500>), HLTH 30600 (<https://catalog.ithaca.edu/search/?P=HLTH%2030600>). (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 studies and evaluated. Attention is paid to current public health issues in the news. Prerequisites: HLTH 21700 (<https://catalog.ithaca.edu/search/?P=HLTH%2021700>) and HLTH 31700 (<https://catalog.ithaca.edu/search/?P=HLTH%2031700>). (F,Y)

Attributes: WI  
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 (<https://catalog.ithaca.edu/search/?P=HLTH%2033300>) or HLTH 36000 (<https://catalog.ithaca.edu/search/?P=HLTH%2036000>). (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 (<https://catalog.ithaca.edu/search/?P=PHED%2043900>). Prerequisites: PHED 33200 (<https://catalog.ithaca.edu/search/?P=PHED%2033200>), HLTH 33300 (<https://catalog.ithaca.edu/search/?P=HLTH%2033300>), or HLTH 36000 (<https://catalog.ithaca.edu/search/?P=HLTH%2036000>). (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 (<https://catalog.ithaca.edu/search/?P=EDUC%2021010>); HLTH 42000 (<https://catalog.ithaca.edu/search/?P=HLTH%2042000>); EDUC 34000 (<https://catalog.ithaca.edu/search/?P=EDUC%2034000>). (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 (<https://catalog.ithaca.edu/search/?P=HLTH%2033510>) or HLTH 31600 (<https://catalog.ithaca.edu/search/?P=HLTH%2031600>). (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 (<https://catalog.ithaca.edu/search/?P=EDUC%2021010>); HLTH 36000 (<https://catalog.ithaca.edu/search/?P=HLTH%2036000>); HLTH 42000 (<https://catalog.ithaca.edu/search/?P=HLTH%2042000>); EDUC 34000 (<https://catalog.ithaca.edu/search/?P=EDUC%2034000>). (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 (<https://catalog.ithaca.edu/search/?P=HLTH%2044100>) or HLTH 44900 (<https://catalog.ithaca.edu/search/?P=HLTH%2044900>). (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 (<https://catalog.ithaca.edu/search/?P=HLTH%2031700>), HLTH 33510 (<https://catalog.ithaca.edu/search/?P=HLTH%2033510>). (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 (<https://catalog.ithaca.edu/search/?P=PHED%2023000>). (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 (<https://catalog.ithaca.edu/search/?P=PHED%2010100>). (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 (<https://catalog.ithaca.edu/search/?P=HLTH%2015200>) or PHED 25500 (<https://catalog.ithaca.edu/search/?P=PHED%2025500>). (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 (<https://catalog.ithaca.edu/search/?P=PHED%2010100>) and HLTH 15200 (<https://catalog.ithaca.edu/search/?P=HLTH%2015200>). (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 (<https://catalog.ithaca.edu/search/?P=EXSS%2012000>); EXSS 12100 (<https://catalog.ithaca.edu/search/?P=EXSS%2012100>). Students can receive credits for HLTH 23400 (<https://catalog.ithaca.edu/search/?P=HLTH%2023400>) or PHED 23400 (<https://catalog.ithaca.edu/search/?P=PHED%2023400>), 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 (<https://catalog.ithaca.edu/search/?P=PHED%2023400>). (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 (<https://catalog.ithaca.edu/search/?P=PHED%2025500>) 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 (<https://catalog.ithaca.edu/search/?P=PHED%2021200>). Corequisites: PHED 33200 (<https://catalog.ithaca.edu/search/?P=PHED%2033200>) or PHED 33300 (<https://catalog.ithaca.edu/search/?P=PHED%2033300>). (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 (<https://catalog.ithaca.edu/search/?P=EDUC%2021010>); PHED 23000 (<https://catalog.ithaca.edu/search/?P=PHED%2023000>); 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 (<https://catalog.ithaca.edu/search/?P=EDUC%2021010>). (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 (<https://catalog.ithaca.edu/search/?P=PHED%2033200>) or PHED 33300 (<https://catalog.ithaca.edu/search/?P=PHED%2033300>); 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 (<https://catalog.ithaca.edu/search/?P=PHED%2033200>), PHED 33300 (<https://catalog.ithaca.edu/search/?P=PHED%2033300>), or HLTH 36000 (<https://catalog.ithaca.edu/search/?P=HLTH%2036000>). (F,Y)

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 (<https://catalog.ithaca.edu/search/?P=PHED%2033200>) or PHED 33300 (<https://catalog.ithaca.edu/search/?P=PHED%2033300>), or permission of instructor. (F,Y)

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 (<https://catalog.ithaca.edu/search/?P=EDUC%2021010>); PHED 33200 (<https://catalog.ithaca.edu/search/?P=PHED%2033200>); PHED 33300 (<https://catalog.ithaca.edu/search/?P=PHED%2033300>); EDUC 34000 (<https://catalog.ithaca.edu/search/?P=EDUC%2034000>). (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 (<https://catalog.ithaca.edu/search/?P=EDUC%2021010>); PHED 33200 (<https://catalog.ithaca.edu/search/?P=PHED%2033200>); PHED 33300 (<https://catalog.ithaca.edu/search/?P=PHED%2033300>); EDUC 34000 (<https://catalog.ithaca.edu/search/?P=EDUC%2034000>). (F-S,Y)

Attributes: TE  
5 Credits

**PHED 44800 Professional Seminar (NLA)**

A field course to be taken in conjunction with PHED 44100 (<https://catalog.ithaca.edu/search/?P=PHED%2044100>) 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

**Aging Studies Minor**

The Aging Studies minor provides students an understanding of the multi-faceted nature of aging through coursework and experiential learning and is appropriate for students across the college. In the core introductory class students will learn about the biological, psychological, and social aspects of aging and relate that knowledge to the lives of older adults in the community. Upper level elective courses allow students to examine specific aspects of aging in more depth.

The minor in Aging Studies requires a minimum of 15 credits, including 3 required credits and 12 elective credits. Some courses have pre-requisites.

**Requirement**

Code	Title	Credits
<b>CORE REQUIREMENTS</b>		
GERO 1xxxx	Any 100-level GERO course	3
<b>AGING STUDIES ELECTIVES <sup>1</sup></b>		
Select 12 credits from the following (at least 6 credits must be at the 300 level or above): <sup>2</sup>		12
BIOL 20500	Biology of Aging	
GERO 21000	Health and Aging	
GERO 22000	Sociology of Aging	
GERO 23000	Memory Loss and Aging: Myths and Realities	
GERO 25000	Lifespan Creativity	
GERO 29010	Fieldwork in Gerontology	
OTBS 20200	Human Development II	
GERO 31900	Aging and Social Policy	
GERO 32500	The Long-Term Care System	
GERO 37000	Counseling the Older Adult	
GERO 38000	End-of-Life Issues	
GERO 49900	Independent Study	
HLTH 30100	Lifecycle Nutrition	
PSYC 36600	Adulthood and Aging	
SLPA 35900	Communication Disorders in the Aging Population	



<sup>1</sup> Upper level classes may have additional prerequisites.

<sup>2</sup> Courses in this list are all 3 credits.

## Department of Occupational Therapy

**Melinda Cozzolino, Associate Professor and Chairperson**

**Rita Daly, Clinical Assistant Professor and Chair of Graduate Studies**

### Vision:

The Ithaca College Department of Occupational Therapy will lead the profession in developing engaged practitioners who meet the needs of a diverse society by facilitating access to health, well-being, and occupational participation for all.

### Mission:

The mission of the Department of Occupational Therapy is to prepare ethical practitioners who are lifelong learners, leaders, and advocates in the field of occupational therapy. We meet this mission by:

- Promoting the centrality of occupational participation to support health, quality of life, occupational justice, and resilience of individuals, communities and populations.
- Emphasizing theory and evidence driven practice and professional reasoning through experiential learning.
- Creating diverse and integrative learning experiences to develop breadth and depth of student perspectives.
- Fostering collaborative engagement in interprofessional scholarship and service that extends beyond campus to include local and global communities.
- Exploring traditional and emerging areas of knowledge and practice.

The Department of Occupational Therapy offers a six-year combined bachelor's and doctoral program to meet this mission. The curriculum of the six-year combined B.S./O.T.D. 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 graduate level fieldwork experiences (24 weeks full-time) and a 14-week (540 hour) doctoral capstone experience. Students are provided with a strong general education and the opportunity to explore special interests in academic, clinical, and research arenas. The B.S./O.T.D. program is six years in length and leads to a doctorate 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 graduate years. *Note: In the junior year, students will have the choice to pursue a master's degree in lieu of the doctoral degree. Questions regarding the BS/MS program should be directed to the Chairperson.*

The graduate portion of the combined B.S./O.T.D. degree program consists of three academic semesters, two full-time fieldwork experiences (24 weeks total), and a 14-week doctoral capstone experience. Fieldworks and the doctoral capstone experience are completed at sites throughout the country. Travel and housing arrangements for fieldwork and capstone are the responsibility of the student.

Students typically enter the B.S./O.T.D. program as first-year college students, but transfer students may also be accepted. The transfer

application process is outlined under the "Policies and Procedures" tab of the School of Health Sciences and Human Performance page. Transfer into the occupational therapy program is limited to available openings.

The entry-level occupational therapy doctoral degree program has applied for accreditation and has been granted Candidacy Status by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 7501 Wisconsin Avenue, Suite 501E, Bethesda, MD 20814. ACOTE's telephone number c/o AOTA is (301) 652-AOTA and its web address is [www.acoteonline.org](http://www.acoteonline.org). The program must have a preaccreditation review, complete an on-site evaluation, and be granted Accreditation Status before its graduates will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). In addition, all states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. Note that a felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure. Students wishing to make a formal complaint against the occupational therapy program should contact ACOTE (<https://acoteonline.org/directly>).

Graduates of the O.T.D. 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). 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.

Students must review and sign the Occupational Therapy Technical Standards annually to demonstrate that they are aware of the skills, abilities, and behavioral characteristics required to successfully complete the Department's academic programs. Technical standards in occupational therapy include the areas of: (1) acquiring fundamental knowledge; (2) developing communication skills; (3) interpreting data and clinical information; (4) integrating knowledge to establish clinical judgment; and (5) developing appropriate professional behaviors and attitudes. <https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/occupational-therapy/technical-standards>

## Special Academic Status Policy for Students in the Combined B.S./O.T.D. Occupational Therapy Program

Students majoring in Occupational Science and Occupational Therapy must meet certain academic standards to continue in the major and to be admitted into the graduate portion of the program.

**Good Academic Standing:** A student is in good academic standing if they have met all academic standards.

**Course grade requirement:** Students are required to obtain a minimum grade of at least a C in all professional courses, including major courses and required courses outside the major. Please note that students are expected to maintain a minimum B average (3.00 semester and cumulative GPA) and consistent C's will not meet this standard. 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” section). Since many courses are offered once per year and are specifically sequenced, course failure may result in the delay of fieldwork and graduation. Note: This is not a criterion for program warning or dismissal.

**GPA requirements:** Students must achieve a minimum 3.00 semester and cumulative GPA to remain in good academic standing. Additionally, students must achieve a minimum cumulative GPA of 3.00 by the conclusion of the junior fall in order to continue in the major.

**Professional behaviors:** Students are evaluated on professional behaviors using departmental procedures and standards. If a student has documented professional behavior concern(s), they will be placed on academic warning and a remediation plan with a timeline will be put in place.

**Requirement to progress into the graduate portion of the program:** In order to progress into the graduate portion of the B.S./O.T.D. program, students must have maintained a cumulative GPA of 3.00 or better in their major-specific coursework and an overall cumulative 3.00 GPA for all coursework completed. Students must complete all requirements for the B.S. in occupational science and be approved by the faculty before taking fieldwork courses.

**Note:** In order to be eligible to take OTDR or OTGR 500 level courses, students must have earned a minimum GPA of 3.00 and have completed at least 60 undergraduate credits.

#### Program Warning and Dismissal

A student who does not meet criteria for Good Academic Standing (i.e. fails to meet any of the academic standards 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 consecutive semester; should a new violation occur the student will be dismissed from the program.

Undergraduate students in the combined B.S./O.T.D. program will be placed on **program warning** if any of the following occur:

1. A student earns less than a 3.00 semester GPA;
2. A student has documented professional behavior concern(s).

Undergraduate students will be **dismissed** from the program if any of the following occur:

1. A student on program warning violates the aforementioned departmental criteria for good standing in the subsequent semester (i.e. two consecutive semesters on program warning);
2. A student earns less than a 3.00 cumulative GPA at the completion of the fall semester of the junior year;
3. A student has a documented professional behavior concern(s) that has not been resolved within the specified timeframe;
4. A student violates the American Occupational Therapy Association's code of ethics.

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 fieldwork 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./O.T.D. 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.

## Fieldwork

Fieldwork is an essential part of professional training and is required of all occupational therapy students. Students are assigned to Level I and Level II fieldwork sites locally, and at locations around the United States, based on a combination of student interest, setting type, and site availability. Students are responsible for all fieldwork site related expenses such as health requirements, background checks, and/or drug screenings. Students arrange their own housing and travel for fieldwork experiences.

Level I fieldworks are embedded into specific undergraduate courses and are not a separate tuition cost. Level II fieldworks are standalone courses in the graduate years and tuition is billed to the student (for more details: <link to OT grad catalog>). For more information on student expenses, see “Graduate Occupational Therapy” costs under “Graduate Tuition & Fees” on the Tuition and Financial Aid website. In UG catalog: <https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/department-occupational-therapy/occupational-therapy-major-ms/>

#### Occupational Therapy Doctorate (OTD)

The six-year combined B.S./O.T.D. degree curriculum is designed to provide depth and breadth for students’ professional development, liberal arts education, and analytical skills. Combined B.S./O.T.D. students take a total of 120 credits to earn the B.S. degree and 58 credits to earn their O.T.D. degree through didactic coursework, fieldwork (24 weeks full time), and a doctoral capstone experience (14 weeks/540 hours). Graduates of the B.S./O.T.D. program are eligible to apply to take the National Board for Certification in Occupational Therapy (NBCOT) examination upon degree completion.

For information on the graduate portion of the combined B.S./O.T.D. program, please refer to the Graduate Catalog listing.

## Majors & Minors

- Occupational Science Major — B.S. (p. 358)
- Occupational Science Minor (p. 359)

**OTBS 10000 Introduction to Occupational Therapy (NLA)**

Explore how practitioners in the field of occupational therapy use purposeful activity to promote health and wellness at individual and population levels. Investigate current areas of practice for occupational therapists and explore the historical roots of the profession. (S,Y)  
1 Credit

**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)**

Explore developmental theories as they pertain to child development and childhood occupations. Study how children develop by examining theories and principles pertaining to the development of cognition, social and emotional behaviors, sensorimotor skills, play skills, and social identities. Apply developmental theories to developmental patterns and observations of children. Prerequisites: OTBS 10000. (F,S,Y)  
Attributes: 1  
3 Credits

**OTBS 20200 Human Development II (LA)**

Explore theories and factors influencing typical developmental progression from adolescence through older adulthood. Study how adolescents and adults develop by examining theories and principles pertaining to the development of cognition, social and emotional behaviors, sensorimotor skills, and social identities. Examine self-care, work, play, and leisure occupations related to development and role performances through older adulthood. Prerequisites: OTBS 20100. (F,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, or EXSS 12000 and EXSS 12100 with a C or higher. (U,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: 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; 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.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

Note: This degree does not provide eligibility for certification or licensure in occupational therapy. It is awarded after four years of study in the six-year BS/OTD program or the five-year BS/MS in occupational science/occupational therapy

- The BS/OTD program and the BS/MS are each a combined bachelor of science and doctor of occupational therapy or masters of science degree. Students graduate with a Bachelor of Science degree in Occupational Science in May of their senior year and continue in graduate coursework for their Doctor of Occupational Therapy degree or the Masters of Science in Occupational Therapy.

## Summary

Code	Title	Credits
	Occupational Science B.S. Major Requirements	86-87
	Integrative Core Curriculum and Electives	34-35
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Natural Sciences perspective.

## Degree Requirements

Code	Title	Credits
OCCUPATIONAL THERAPY DEGREE REQUIREMENTS		
Natural Science Courses:		
CHEM 11000	General Chemistry	3
BIOL 11900	Fundamentals of Biology: Cells and Bodies	4
Select 4 credits from SOCI or ANTH		4
SOCI xxxxx		
ANTH xxxxx		
Anatomy and Physiology courses:		
EXSS 12000 & EXSS 12100	Anatomy and Physiology I and Anatomy and Physiology II	8
Health course		
HLTH 20500	Critical Health Issues	3
Select One Statistics Course		3-4
MATH 14500	Statistics for the Health, Life, and Social Sciences	
MATH 21600	Statistical Analysis	
PSYC 20700	Statistics in Psychology	
Psychology courses:		
PSYC 10300	General Psychology	3
PSYC 32100	Abnormal Psychology	3
Occupational Therapy-specific courses:		
OTBS 10000	Introduction to Occupational Therapy	1
OTBS 20100	Human Development I	3
OTBS 20200	Human Development II	3
OTGR 50100	Course OTGR 50100 Not Found	2
OTGR 50200	Course OTGR 50200 Not Found	3
OTGR 50300	COURSE OTGR 50300 OCCUPATIONAL THERAPY SYSTEMS OF PRACTICE Not Found	3
OTGR 50400	Course OTGR 50400 Not Found	4
OTGR 50900	Course OTGR 50900 Not Found	4
OTGR 51000	Course OTGR 51000 Not Found	3
OTGR 51400	Course OTGR 51400 Not Found	4
OTGR 51600	COURSE OTGR 51600 OCCUPATIONAL THERAPY THEORY AND PRACTICE Not Found	3
OTGR 50700	COURSE OTGR 50700 CONCEPTS IN PEDIATRIC OT Not Found	4
OTGR 50900	Course OTGR 50900 Not Found	1
OTGR 51700	Course OTGR 51700 Not Found	4
OTMS 51100	Course OTMS 51100 Not Found	3
or OTDR 51100 Evidence in Occupational Therapy I		
OTGR 50600	COURSE OTGR 50600 OCCUPATIONAL THERAPY ADULT OCCUPATIONAL THERAPY Not Found	4
OTGR 51800	Course OTGR 51800 Not Found	1
OTBS 48100	ICC Capstone in OT	1

OTGR 50500	Course OTGR 50500 Not Found	3
OTGR 51900	MODALITIES, ORTHOSES, MODALITIES, ORTHOSES, AND PROSTHESES Not Found	1
<b>Total Credits</b>		<b>86-87</b>

## 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	
<b>Total Credits</b>		<b>18</b>

## Department of Physical Therapy

**Laura Z. Gras, Professor, Department Chairperson, Graduate Chairperson and Program Director**

**Karen V. Lomond, Associate Professor and Associate Department Chairperson**

The mission of Ithaca College's Department of Physical Therapy is to graduate physical therapists prepared for autonomous, interprofessional practice who provide compassionate, evidence-based, ethical, legal and culturally sensitive care to maximize the function, health and wellness of their patients, clients, and society. Our program promotes American Physical Therapy Association Core Values along with a commitment to

diversity, equity, inclusion, and justice that 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

- 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 preprofessional requirements within the first 2 academic years of the degree program as opposed to the typical 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 cohort to the next cohort. To apply for program acceleration:

- 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 Essential 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 when they have:

- Met college-wide academic standards as outlined in the Ithaca College Undergraduate Catalog
- Met Clinical Health Studies program-specific standards:
  - cumulative GPA of 3.0 or higher at the end of the spring semester of their second year in the program, and
  - cumulative GPA of 3.2 or higher by the end of the spring semester of the third year, and
  - cumulative GPA and individual semester GPA greater than or equal to 3.2 for each semester

taking graduate (500 level or higher) courses. Graduate (500 level) courses taken during the summer session are factored into the cumulative GPA at the end of the following fall semester.

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.

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:

Years 1-4:

- receives less than a C grade in any required course;
- drops or withdraws from any required course;
- fails to remove an incomplete grade by the date specified by the course instructor;
- has a documented pattern of unprofessional behavior
- dismissed from the program, but reinstated after a successful petition

Additional- Year 4, PTBS 500 level courses:

- receives less than a 3.2 GPA during a semester taking required graduate (500 level or higher) courses;
- receives a grade of Unsatisfactory (U) from an ICE course. Note: Students may progress with didactic coursework while completing a remediation and repeating an ICE course. Removal of academic warning will occur upon successful completion of the remediation plan and successful completion of the repeated ICE course.

Students who do not receive a C- or better in a required course and are on academic warning will need to retake the required course.

Students who do not meet good standing at the end of the spring semester of professional year I (year 4) will be placed on academic warning for the fall semester of graduate year I.

#### c. *Dismissal from the Program*

An undergraduate student is subject to dismissal from the Clinical Health Studies/DPT program for any of the following reasons:

Years 1-4:

- receives less than a C in 2 or more required courses in the same semester;
- is on academic warning and fails to achieve good academic standing in the next full-time semester;

- fails, drops, or withdraws from a required course while on academic warning;
- has documented instances of unprofessional conduct;
- fails to successfully complete a departmental remediation plan in the allotted time.

**Additional- Year 1:**

- receives less than a C grade in two or more required courses in the first year;

**Additional- Year 2:**

- has less than a 3.0 cumulative GPA at the end of the year two

**Additional- Year 3:**

- has less than a 3.2 cumulative GPA at the end of year three

**Additional- Year 4 (DPT year 1):**

- receives less than a C- grade or fails to complete a grade of I in the specified timeframe in any PTBS 500 level course
- receives an Unsatisfactory (U) in more than one ICE course

**d. 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.

**2. 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, make a decision, and notify the student and Dean of HSHP of the decision. Students have the right to petition an academic decision with the Dean of HSHP and the Office of the Provost.

**3. 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. 364)

### **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 39900-39905 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. 0.5-3 credits. (IRR)

0.5-3 Credits

### **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)**

Introduces written documentation of physical therapy services using the American Physical Therapy Association's 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. (U,Y)

1 Credit

### **PTBS 50100 Human Anatomy (NLA)**

Investigates 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. (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: 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: 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 51700. (S,Y)

Attributes: CP

1 Credit

**PTBS 50600 Medical Screening I (NLA)**

Explores the principles and interpretation of diagnostic testing. Includes 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. Uses patient cases to compare patho-structural diagnosis with actual symptoms and clinical presentation. Prerequisites: PTBS 50100. (F,Y)

1 Credit

**PTBS 50700 Integrated Clinical Experience I (NLA)**

Work with patients under the supervision of a faculty member. Apply knowledge and skills to assume appropriate responsibilities in direct patient care. (B,S,Y)

1 Credit

**PTBS 50800 Evidence Based Practice I (NLA)**

Explores how research literature can guide clinical decision making and form the basis for contemporary physical therapist practice. Emphasize how evidence is used to answer clinical questions that affect the examination process, evaluation procedures, and interventions commonly used by physical therapists. Examine the historical background for evidence based practice. Analyze the fundamental components of evidence based practice. Prerequisites: PTBS 50100. (S,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 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)**

Provides knowledge related to and skills required in the acute care setting. Develop competency in acute care evaluations, interventions, and discharge planning. Integrate curricular content to address the complex patient and dynamic environment encountered in acute care. Prerequisites: PTBS 51600. (F,Y)

2 Credits

**PTBS 51300 Electrotherapeutic Modalities and Physical Agents (NLA)**

Explores 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: 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 51600 Mobility Training (NLA)**

Introduces patient/client care techniques related to mobility training including bed mobility, transfer training, gait training with a variety of assistive devices, elevation training, and wheelchair mobility. Familiarizes students with the initial steps in the patient-therapist relationship including professional behaviors and oral communication. Review of cardiovascular systems is also included. Develops the skills necessary to ensure the safety of both the patient/client and the student/therapist in a clinical environment. Prerequisites: PTBS 50100. (F,Y)

1 Credit

**PTBS 51700 Professional Development I (NLA)**

Introduces professionalism including professional and ethical behavior, as well as our professional organization. Develops effective listening skills. Prepares to teach in a variety of settings and formats for academic, clinical, and professional purposes. Includes 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 50100. (F)

1 Credit

**PTBS 51800 Pathology for Physical Therapists (NLA)**

Examines the components of general disease and injury processes and specific components of selected diseases likely to be encountered in physical therapy practice. Describes general pathology topics including cell and tissue injury, inflammation, and the healing and repair process. Focuses specifically on diseases of the musculoskeletal, cardiovascular, pulmonary, integumentary, and nerve systems. Emphasizes understanding the underlying mechanisms of structural and functional disruptions for adults, with secondary comparisons to pathology across the life span. Provides background information necessary for performing differential diagnosis and patient treatments that will be taught in future coursework. Prerequisites: PTBS 50100. (F,Y)

3 Credits

**PTBS 51900 Patient Care Skills I (NLA)**

Introduces written documentation of physical therapy services using the American Physical Therapy Association's Patient/Client Management Model and the International Classification of Functioning, Disability, Patient care related to mobility training including bed mobility, transfers, gait with a variety of assistive devices, and stair climbing will also be introduced. (U,Y)

1 Credit

**PTBS 52000 Patient Care Skills II (NLA)**

Enforces patient/client care techniques related to mobility training including bed mobility, transfers, gait with a variety of assistive devices, and stair climbing that was taught in Patient Care Skills I and adds wheelchair management with hands-on practice. Familiarizes students with the initial steps in the patient-therapist relationship including professional behaviors, oral communication, and written communication. Review of cardiovascular systems is also included. Develops the skills necessary to ensure the safety of both the patient/client and the student/therapist in a clinical environment. Incorporates defensible documentation in a daily note, progress note, and discharge summary. Prerequisites: PTBS 51900. (F,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 3 credits. (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 59000-59005 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 .5-3 credits (IRR)

0-3 Credits

**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." 3 credits. (F,Y)

3 Credits

## Clinical Health Studies Major – B.S.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

The CHS/PT Program is a combined bachelor of science and doctor of physical therapy degree. Students graduate with a Bachelor of Science

degree in Clinical Health Science along with a *chosen minor* in May of their senior year and continue in graduate coursework for their Doctor of Physical Therapy degree.

**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
Major Requirements		90-97
Integrative Core Curriculum and Electives <sup>1</sup>		23-30
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Natural Sciences perspective.

## Degree Requirements

Code	Title	Credits
Physical Therapy Courses		
PTBS 10100	Introduction to Physical Therapy	1
PTBS 50100	Human Anatomy	6
PTBS 51900	Patient Care Skills I	1
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 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 51700	Professional Development I	1
PTBS 52000	Patient Care Skills II	1
PTBS 51800	Pathology for Physical Therapists	3
Biology Courses (Choose 1 Sequence)		8
BIOL 11900 & BIOL 12000	Fundamentals of Biology: Cells and Bodies and Fundamentals of Biology: Ecology and Evolution	
Or		
BIOL 12100 & BIOL 12200	Principles of Biology, Cell and Molecular and Principles of Biology, Ecology and Evolution	
Chemistry Courses		
CHEM 12100 & CHEM 12200	Principles of Chemistry and Principles of Chemistry Laboratory	4

CHEM 11200 & CHEM 11400	Organic Chemistry and Biochemistry and Chemistry Laboratory	4
Physics Courses		
PHYS 10100	Introduction to Physics I	4
PHYS 10200	Introduction to Physics II	4
Anatomy & Physiology Courses		
EXSS 12000	Anatomy and Physiology I	4
EXSS 12100	Anatomy and Physiology II	4
Math Course (Choose 1)		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	
Minor Required		15-21
<b>Total Credits</b>		<b>90-97</b>

## 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. 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 37 credits of coursework in basic communication processes and disordered communication (e.g., basic audiology, child language and speech-sound 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.

Students in the SLP major must complete all required coursework for a grade.

### 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 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. Students who meet auto-acceptance requirements still need to submit an application via the CSDCAS application system. Please see the graduate program page for details on applying to the master's degree program (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/graduate-programs/graduate-study-speech-language-pathology/application-requirements/>).

## 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 courses in the major (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. 368)
- Communication Disorders Minor (p. 368)
- Deaf Studies Minor (p. 369)

### 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. (F,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 Child 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. (F,Y)  
Attributes: SS  
3 Credits

### SLPA 23500 Language and Speech Sound Disorders in Children (NLA)

Exploration of developmental speech and language disorders, including comparison of typical and disordered development. Identify, critically evaluate, and apply evidence-based practices in speech and language assessment and intervention, using clinical case studies. Prerequisites: SLPA 11010 and SLPA 21600 with a grade of C- or better. (S)  
4 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. A guided project is required, and travel to a theatrical production may be required. (S,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)**

Provides an intensive clinical observation experience 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 students in the Speech-Language Pathology major. Prerequisites: SLPA 23500 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 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.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

Summary

Code	Title	Credits
Major Requirements		58-66
Integrative Core Curriculum and Electives <sup>1</sup>		54-62
Total Credits		120

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Social Sciences perspective.

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	Child Language and Literacy Development	3
SLPA 23500	Language and Speech Sound Disorders in Children	4

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 47200	Clinical Methods	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	
MATH 14500	Statistics for the Health, Life, and Social Sciences	
PSYC 20700	Statistics in Psychology	

Humanities and Social Science Courses

PSYC 10400	Introduction to Developmental Psychology	3
EDUC 21010	Educational Psychology	3
EDUC 34000	Social and Cultural Foundations of Education	3

Total Credits	58-66
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This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

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
<b>ELECTIVES</b>		
Students must take at least 12 credits from the lists below: at least 3 of these credits must be taken from the speech-language and hearing disorders course list.		12-13
<b>BASIC HUMAN COMMUNICATION PROCESSES AND DEVELOPMENT</b>		
SLPA 11010	Phonetics	
SLPA 21200	Anatomy and Physiology of the Speech and Hearing Mechanisms	
SLPA 21600	Child Language and Literacy Development	
SLPA 24000	Basic Audiology	
SLPA 36000	Brain Science	
SLPA 36500	Basic Speech Science	
<b>SPEECH-LANGUAGE AND HEARING DISORDERS COURSES</b>		
SLPA 24200	Aural Rehabilitation	
SLPA 23500	Language and Speech Sound Disorders in Children	
SLPA 32500	Voice and Swallowing Disorders	
SLPA 35900	Communication Disorders in the Aging Population	
<b>Total Credits</b>		<b>15-16</b>

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
<b>Total Credits</b>		<b>15</b>

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

Department of Health Sciences and Public Health, *Hill Center G56*  
[HSPH@ithaca.edu](mailto:HSPH@ithaca.edu)

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 bout. 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 1 credits. (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 2 credits. 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 1 credit. Pass/Fail only. 0.5 credits (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. 0.5-1 credit. (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. 0.5-1 credit. (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



# School of Humanities and Sciences

**Claire Gleitman, Professor and Dean**

**David Brown, Professor and Associate Dean for Curriculum and Undergraduate Programs**

**Amy O'Dowd, Associate Dean for Student Services**

**Raul Palma, Associate Professor and Associate Dean for Faculty and New Initiatives**

*On this page, we provide information about: the Vision and Mission (p. 374) of the School of Humanities and Sciences and the Academic Support Services (p. 374) 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, 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 Writing Center offers Zoom tutoring as well as in-person appointments. More information about the Center's hours, policies, and appointments is available at 607-274-3315, or consult the Writing Center webpage. (<https://www.ithaca.edu/academics/writing-center/>)

### Math Support Center

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 Support Center (<https://www.ithaca.edu/>)

academics/school-humanities-and-sciences/mathematics/courses-placement-resources/mathematics-support-center/) (Williams 209). 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, most 100-level courses have a dedicated TA with evening help hours. The department's website contains up-to-date information about the specific courses supported and the hours tutoring is available.

## Additional Tutoring Support

The Tutoring Services Office (<http://www.ithaca.edu/tutoring/>) within the Center for Student Success provides tutoring services in a range of disciplines.

## H&S Pathways

Choosing a major is a journey. In H&S Pathways, you can take up to four semesters (or 60 credits) to try on different majors and programs, all with the comfort of knowing you're making progress toward your degree. Under the guidance of dedicated faculty advisors—and in the company of an energized cohort of new and seasoned H&S Pathways students—you'll be uniquely positioned to explore across the liberal arts curriculum, so that when you do declare your major, you'll be confident that your choice aligns with your intellectual passions, your career goals, and your personal values. Find more information here (<https://www.ithaca.edu/academics/school-humanities-and-sciences/humanities-and-sciences-pathways/>).

## Majors

Below is the list of majors offered by the departments and interdisciplinary programs of the School of Humanities and Sciences.

- Applied Physics Major — B.S. (p. 468)
- Architectural Studies Major — B.A. (p. 388)
- Art History Major — B.A. (p. 387)
- Art Major — B.A. (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/departments-art-art-history-and-architecture/art-major-ba/>)
- Art Major — B.F.A. (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/departments-art-art-history-and-architecture/art-major-bfa/>)
- Biochemistry Major — B.S. (p. 390)
- Biology Major — B.A. (p. 395)
- Biology Major — B.S. (p. 396)
- Chemistry Major — B.S. (p. 407)
- Computer Science Major — B.A. (p. 412)
- Computer Science Major — B.S. (p. 413)
- Economics Major — B.A. (p. 416)
- Economics Major - B.S. (p. 416)
- Education Studies Major - B.A. (p. 420)
- English Major — B.A. (p. 447)
- Environmental Science Major — B.S. (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/departments-environment/environmental-science-major-bs/>)
- History Major — B.A. (p. 436)
- Integrative Studies Major — B.A. (p. 437)
- Integrative Studies Major — B.S. (p. 438)
- Legal Studies Major — B.A. (p. 439)
- Mathematics Major — B.A. (p. 453)

- Mathematics Major — B.S. (p. 453)
- Mathematics-Physics Major — B.A. (p. 469)
- Philosophy Major — B.A. (p. 461)
- Physics Major — B.S. (p. 469)
- Politics Major — B.A. (p. 484)
- Psychology Major — B.A. (p. 489)
- Race, Power, and Resistance Major— B.A. (p. 401)
- Religious Studies Major — B.A. (p. 462)
- Screen Cultures Major (p. 491) — (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/departments-art-history/architectural-studies-major-ba/>) B.A. (p. 491)
- Sociology Major — B.A. (p. 495)
- Women's, Gender, and Sexuality Studies Major (p. 497) — (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/departments-art-history/architectural-studies-major-ba/>) B.A. (p. 497)
- World Languages and Cultures Major (p. 508) — (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/departments-art-history/architectural-studies-major-ba/>) B.A. (p. 508)
- Writing Major — B.A. (p. 515)

## Minors

The minors in 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. 516) that provide opportunities for students to explore areas across department boundaries.

- African Diaspora Studies Minor (p. 401)
- Art Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/departments-art-art-history-and-architecture/art-minor/>)
- Art History and Architectural Studies Minor (p. 388)
- Asian American Studies Minor (p. 402)
- Biology Minor (p. 396)
- Biological Anthropology Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/interdisciplinary-studies/biological-anthropology-minor/>)
- Chemistry Minor (p. 407)
- Computer Science Minor (p. 413)
- Counseling Minor (p. 516)
- Data Science Minor (p. 454)
- Economics Minor (p. 417)
- Education Studies Minor (p. 421)
- English Minor (p. 447)
- Environment and Society Minor (p. 425)
- French and Francophone Minor (p. 509)
- German Area Studies Minor (p. 509)
- Global Premodern Studies Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/interdisciplinary-studies/global-premodern-studies-minor/>)
- Graphic Design Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/departments-art-art-history-and-architecture/graphic-design-minor/>)
- History Minor (p. 437)

- International Politics Minor (p. 485)
- Italian Studies Minor (p. 509)
- Jewish Studies Minor (p. 462)
- Latin American Studies Minor (p. 516)
- Latino/a/x Studies Minor (p. 402)
- Legal Studies Minor (p. 440)
- Linguistics Minor (p. 510)
- Mathematics Minor (p. 454)
- Media Literacy Minor (p. 517)
- Muslim Cultures Minor (p. 518)
- Native American and Indigenous Studies Minor (p. 402)
- Neuroscience Minor (p. 518)
- Philosophy Minor (p. 463)
- Physics Minor (p. 470)
- Politics Minor (p. 485)
- Psychology Minor (p. 490)
- Religious Studies Minor (p. 463)
- Spanish Minor (p. 509)
- Sociology Minor (p. 496)
- Translation Studies Minor (p. 510)
- Women's, Gender, and Sexuality Studies Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/womens-gender-sexuality-studies/womens-gender-sexuality-studies-minor/>)
- Writing Minor (p. 516)

*In addition to Academic Policies relating to Graduation Requirements, on this page there is also information about: credit-bearing Independent Study and Internship (p. 376) policies and processes; Dean's List and Academic Status (p. 377) policies and procedures; and information about Internal Transfer (p. 377) 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) 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 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 ([http://ithaca.edu.sharepoint.com/:b:/s/HSDocuments/EXsqzouSOQJOo\\_gOKBwObowBbFWInU7z2JWwWSrW5VJeAQ/?e=Fn5m0o](http://ithaca.edu.sharepoint.com/:b:/s/HSDocuments/EXsqzouSOQJOo_gOKBwObowBbFWInU7z2JWwWSrW5VJeAQ/?e=Fn5m0o)). 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. **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.
3. **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.

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. 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/) (<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.

## Department of Art, Art History, & Architecture

Bachelor of Arts, Bachelor of Fine Arts

**David Salomon, Associate Professor and Chairperson**

Courses in art, art history, and architectural studies sharpen students' ability to understand, interpret, and create visual images, artworks, and architectural designs. Students develop visual literacy, engage in creative problem-solving, and gain marketable skills for a world where ideas and values are increasingly communicated visually. Our classes and studios are active, student-centered learning communities, where students create original works and analyze works of art and architecture as carriers of political, social, and religious meanings. They also enrich students' lives by opening the door to a lifetime of aesthetic enjoyment, intellectual stimulation, and creative inspiration.

The department offers four majors and three minors, described below. In addition, the curriculum in the art 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 the 13-month art education, Master of (<https://www.ithaca.edu/academics/school-humanities-and-sciences/graduate-programs/education/art-education-mat/>) Arts in Teaching (M.A.T.) program at Ithaca College.

1. **The B.A. in art** supports broad experiences in many media and the opportunity to develop a personal voice through 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.
2. **The B.F.A. in art** prepares students interested in pursuing careers in the creative visual arts field, and for further study pursuing a master's degree 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 a breadth of knowledge of different media and a focused, in-depth pursuit of a personal concept.
3. **The B.A. in art history** 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.
4. **The B.A. in Architectural Studies** 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: 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 9 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 3-3.5 year Master of Architecture program in order to receive a Master of Architecture degree from an NAAB accredited program.*

5. **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.
6. **The minor in art history and architectural studies** complements studies in a wide variety of majors, among them studio art, cinema and photography, communications, literature, cultures, and languages.
7. **The minor in graphic design** prepares students to use technology efficiently and effectively to produce quality visual illustrations and designs, promote viewpoints, products, and events. It is fast becoming a required basic skill in our society. We teach these skills with a strong focus on aesthetics.

### REQUIREMENTS FOR HONORS IN ART

Any art major receiving either the B.A. or B.F.A. in Art 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.

### REQUIREMENTS FOR HONORS IN ART HISTORY OR ARCHITECTURAL STUDIES

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 (<https://catalog.ithaca.edu/search/?P=ARTH%2049900>) 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 Major — B.A. (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-art-art-history-and-architecture/art-major-ba/>)
- Art Major — B.F.A. (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-art-art-history-and-architecture/art-major-bfa/>)
- Art History Major — B.A. (p. 387)
- Architectural Studies Major — B.A. (p. 388)
- Art Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-art-art-history-and-architecture/art-minor/>)
- Art History and Architectural Studies Minor (p. 388)
- Graphic Design Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/department-art-art-history-and-architecture/graphic-design-minor/>)

Subjects in this Department include: Art (ART) (p. 379) and Art History and Architectural Studies (ARTH) (p. 383)

## Art (ART)

### ART 10100 Theory and Practice: Play and Exploration (LA)

Exploration of the artist's ability for serious 'play' and focused creative discovery. Through hands-on exercises, individualized projects, research, and written work, beginning art students learn how to develop an individual path of inquiry and discovery. Includes consideration of the artist's socio-historical context in the development of strong studio practice. (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

4 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. (F,S,Y)

Attributes: CA, TIII

4 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. (F,S,Y)

Attributes: CA, TWOS

4 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, CA, FA, MC, TWOS

4 Credits

### ART 12400 Images In Context: Photo-based Multiples and Books (LA)

A hands-on opportunity to explore how images create new meaning through their context. Using digital and analog processes, students work with sourced photo-based imagery, self-generated photos, and scanning to create books and multiples in which meaning is constructed through arrangement, intervention, and other visual strategies. Emphasis is on development of digital software skills for image manipulation (Adobe Photoshop) and layout and production (Adobe InDesign). (IRR)

4 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)

4 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. (F,S,Y)

Attributes: CA, TQSF

4 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)

(F,S,Y)

Attributes: CA, TIDE

4 Credits

### ART 15000 Introduction to Sculpture (LA)

Explores the purpose, meaning, and cultural contexts of contemporary sculpture through hands-on assignments, incorporating traditional and non-traditional techniques and processes. Students produce a portfolio of sculptural works demonstrating personal explorations and expressions. Students participate in group critiques, class discussions, demonstrations, meetings with visiting artists, and field trips to museums or galleries. (F,S,Y)

4 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. (F,S,Y)

Attributes: CA, TIDE

4 Credits

**ART 16000 Introduction to Print Media (LA)**

Introduction to lithography 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)

Attributes: CA, TPJ

4 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

4 Credits

**ART 21000 Intermediate Drawing (LA)**

Students build on observational work begun in introductory drawing classes, while also going beyond the "rules" of representation and approaching composition new ways. Students study the historical and cultural contexts of drawing while developing an intermediate skill set in drawing. Prerequisites: Any ART 11XXX. (F,S,Y)

4 Credits

**ART 21200 Figure Drawing (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. (F,S,Y)

4 Credits

**ART 21900 Intermediate Drawing: Selected Topics (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)

4 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)

4 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,Y)

4 Credits

**ART 22900 Intermediate Graphic Design: Selected Topics (LA)**

Content topics vary in order to engage students in different approaches to graphic design. Students will build on work begun in Graphic Design I, while approaching design in a variety of new ways. Prerequisites:

ART 22500. (IRR)

4 Credits

**ART 24000 Intermediate Painting (LA)**

This course explores contemporary approaches to painting. Students build on traditional painting techniques while breaking "rules" of representation. Students study the historical and conceptual contexts of painting while developing an intermediate skill set in painting.

Prerequisites: Any ART 14xxx. (F,S,Y)

4 Credits

**ART 24900 Intermediate Painting: Selected 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)

4 Credits

**ART 25000 Intermediate Sculpture (LA)**

This course explores traditional and non-traditional materials while experimenting with form and space and pursuing visual literacy through personalized content expression. Students study the historical and cultural contexts of sculpture while developing intermediate skill levels.

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

4 Credits

**ART 25900 Intermediate Sculpture: Selected 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)

4 Credits

**ART 26000 Intermediate Print Media (LA)**

This course explores contemporary approaches to multiples that includes the changing relationship between accessibility, authorship and audience, and dissemination. Students practice traditional techniques such as lithography, intaglio, and silkscreen, as well as digital and photographic processes, refining their visual voice and developing individualized content and bodies of work. Prerequisites: Any ART 16XXX. (F,S,Y)

4 Credits

**ART 26200 Intermediate Book Arts (LA)**

This course explores contemporary approaches to multiples that includes the changing relationship between accessibility, authorship and audience, and dissemination. Students practice traditional techniques such as lithography, intaglio, and silkscreen, as well as digital and photographic processes, refining their visual voice and developing individualized content and bodies of work. Prerequisites: Any 3 or 4 credit ART 1xxxx. (IRR)

4 Credits

**ART 26900 Intermediate Print Media: Selected 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)

4 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 3 or 4 credit ART 1xxx. (F,S,Y)

4 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 30100 Theory and Practice: Contemporary Theories in Art (LA)**

Examines the global art world and contemporary theories of art, such as post-structuralism, feminism, and post-colonialism. Focuses on application of theoretical and critical frameworks to artistic practice and production through readings, presentations, and hands-on activities.

Prerequisites: Two 200-level ART courses. (F,Y)

4 Credits

**ART 31000 Advanced Drawing (LA)**

Students build upon skills developed at the intermediate level in drawing, discovering how contemporary drawing exists in an expanded field. Students further develop their ability to conceptualize the relationship between form and content, and conduct independently guided work. May be repeated twice for a total of 12 credits. Prerequisites: Any ART 21xxx. (F,S,Y)

4 Credits

**ART 31900 Advanced Drawing: Selected Topics (LA)**

Content topics vary in order to engage students in advanced approaches to contemporary drawing. Students build on work developed in intermediate drawing classes, while establishing a more independent approach to their art production. May be repeated twice for a total of 12 credits. Prerequisites: Any ART 21xxx. (IRR)

4 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. Prerequisites: ART 22500. (F,S,Y)

4 Credits

**ART 32700 Graphic Design III (LA)**

Further study of graphic design principles and their application to independent problem solving. Students design and create independent visual communication projects that push the boundaries of graphic design. Students research how graphic design is a personal, social, political, and cultural activity, and investigate production in current visual media. Students build an independent portfolio based on personal goals and sensibilities. May be repeated once for a total of 8 credits. Permission of instructor required. Prerequisites: ART 32500. (IRR)

4 Credits

**ART 32900 Advanced Graphic Design: Selected Topics (LA)**

Content topics vary in order to engage students in advanced approaches to graphic design. Students will build on work developed in intermediate graphic design classes, while establishing a more advanced approach to their design practice. Course is repeatable up to 8 credits. Prerequisites: ART 32500. (IRR)

4 Credits

**ART 34000 Advanced Painting (LA)**

This course combines contemporary approaches to painting that may include hybrid approaches such as mixed media, painting on found substrates, working in series, and installation painting. Students learn to push the painting practice further in skill and content by honing individualized strategies, research skills and bodies of work in the contemporary context. May be repeated twice for a total of 12 credits. Prerequisites: Any ART 24xxx. (F,S,Y)

4 Credits

**ART 34900 Advanced Painting: Selected 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. May be repeated twice for a total of 12 credits. Prerequisites: Any ART 24xxx. (IRR)

4 Credits

**ART 35000 Advanced Sculpture (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. May be repeated twice for a total of 12 credits. Prerequisites: Any ART 25xxx. (F,S,Y)

4 Credits

**ART 35900 Advanced Sculpture: Selected 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. May be repeated twice for a total of 12 credits. Prerequisites: Any ART 25xxx. (IRR)

4 Credits

**ART 36000 Advanced Print Media (LA)**

This course explores, at an advanced level, contemporary approaches to multiples that includes the changing relationship between accessibility, authorship and audience, and dissemination. Students expand on traditional techniques such as lithography, intaglio, and silkscreen by incorporating digital and photographic processes into their work, refining their visual voice and developing individualized content and bodies of work. May be repeated twice for a total of twelve credits. Prerequisites: Any ART 16xxx and ART 26xxx. (F,S,Y)

4 Credits



**ART 36200 Advanced Book Arts (LA)**

This course explores, at an advanced level, contemporary approaches to multiples that includes the changing relationship between accessibility, authorship and audience, and dissemination. Students expand on traditional techniques such as lithography, intaglio, and silkscreen by incorporating digital and photographic processes into their work, refining their visual voice and developing individualized content and bodies of work. May be repeated once for a total of 8 credits. Prerequisites: Any ART 16xxx and ART 26xxx. (IRR)

4 Credits

**ART 36900 Advanced Print Media: Selected 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. May be repeated twice for a total of 12 credits. Prerequisites: Any ART 16xxx and ART 26xxx course. (IRR)

4 Credits

**ART 38000 Digital Studio II (LA)**

We are requesting a change from 3cr. to 4cr. for this course in order to align the actual time spent in the course with the credits earned. Studio art courses are currently scheduled to meet twice a week for 2 hrs. and 40 min, a total of 320 minutes/week. In addition to these lengthy class meetings, students are expected to spend 6 hours on supplemental, outside of class, work each week. Because students and faculty are already exceeding the required minimum time per semester than is required by the Carnegie unit formula for a 4-credit courses, there are no additional changes to the curriculum or student learning outcomes necessitated by this shift. This change reduces the discrepancy between the workload and credit hours for students, creating more transparent expectations. Faculty already receive 4cr. of workload for these courses due to contact hours, so this also resolves the discrepancy in credits between students and faculty. Prerequisites: ART 28000. (IRR)

Attributes: MC

4 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 8 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 40100 Theory and Practice: Professional Practices (LA)**

Exploration of the professional dimension of art making for art majors. Development of studio thesis work, advanced professional study, and careers in art. Topics include development of artist statements, resume writing, developing a studio practice and an artist's website. Class culminates in curation, organization, and installation of an exhibition. Prerequisites: ART 30100. (F,Y)

4 Credits

**ART 40200 Senior Project (LA)**

Completion of an independent body of work, culminating in an exhibition, written thesis, and public artist's talk. The aim is to develop a rigorous studio-based practice and cultivate creative initiative and professionalism. Senior Project is required of BFA art majors.

Prerequisites: ART 40100. (S,Y)

4 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 49200 Studio Art Projects (LA)**

Directed study in the creation of an independent body of work. Includes research, group critique and artist statements. Prerequisites: Any 300-level ART course. (U,Y)

4 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 8 credits.

Prerequisites: Permission of instructor. (F,S,Y)

1-4 Credits

**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

**ART 59200 Studio Art Projects (LA)**

Directed graduate-level study in the creation of an independent body of work. Includes research, group critique, and artist statements. May be repeated for a total of six credits. (U,Y)

3 Credits

## Art History and Architectural Studies (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. (Y)

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

4 Credits

**ARTH 11300 Elements of Architecture (LA)**

A primer on the topic of architectural design, history and practice. Acquaints students with the art of making buildings through a variety of topics, among them, space, form, structure, use, and meaning. Architectural theory from a variety of eras and cultures is introduced. Students learn to consider the activities surrounding the creation of architecture, including the interaction of architects, clients, builders, and the environmental forces that act upon buildings. Includes written and graphic assignments. (Y)

Attributes: ARCH, CA, TQSF

4 Credits

**ARTH 11400 Architecture Across Cultures (LA)**

An investigation of world architecture, examining spaces of dwelling, worship, and commerce comparatively across time and place to shed light on the ways in which values and identities are expressed in architectural form. Includes analysis of buildings in their historical relationship to the natural environment and its resources and attention to the contributions of makers who have been marginalized in standard histories. (Y)

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

4 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 societies. Covers the larger culture of visual images, including art, print, film, fashion, photography, and electronic media, and focuses on how images define, shape, and communicate beliefs and behaviors in a variety of contexts. 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. (Y)

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

4 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. (Y)

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

4 Credits

**ARTH 20100 Practicing Art History (LA)**

This course 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, presentations, writing workshops and field trips and/or guest visits.

Prerequisites: One course in art history; WRTG 10600, ICSM 10800, ICSM 11800, or equivalent. (FY)

Attributes: HU, WI

4 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. (IRR)

Attributes: AN3, CA, TIII, TQSF

4 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. (IRR)

Attributes: CA, TIII, TWOS

4 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. (FY)

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

4 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 stray far from the classical tradition. Concepts such as renaissance, baroque, rococo, and neoclassical are examined, as are relevant political and religious circumstances. Includes study of architectural interactions between western Europe and the Mediterranean and Atlantic worlds. (Y)

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

4 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. (IRR)

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. (IRR)

Attributes: AN1, APOS, ARCH, CA, TIDE

4 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, craftspeople, patrons and clients. (IRR)

Attributes: AN3, ARCH, CA, DV, TIDE, TPJ, WGS, WGSC

4 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 25000 Modern Art 1800-1945 (LA)**

Traces the development of modern art from 1800-1945. Situates artists, artworks, and art institutions within the social, political, and economic upheavals that mark this period. Considers how artists grappled with what it meant to make "modern" art. Geographic focus is Europe but with case studies from other parts of the world. (IRR)

Attributes: APOS, CA, TWOS

4 Credits

**ARTH 26000 Art and Architecture of the Americas before 1500 (LA)**

Introduces art and architecture produced by the Indigenous cultures of the Americas prior to contact with European cultures. Organized chronologically within each major region, explores major cultures of these regions, including: Mississippian, Anasazi; Olmec, Teotihuacan, Maya, Aztec; and Chavín, Paracas, Nazca, Moche, Tiwanaku and Inca. Additionally, introduces a range of approaches used in studying art and architectural history. (IRR)

Attributes: AN1, APRE, ARCH, CA, G, LAEL, LXME, NASE, RPRE, TIII, TMBS, TPJ

4 Credits

**ARTH 26500 Modern Latin American Art (LA)**

Explores artistic production in Latin America from the independence period (19th century) through the early 21st century, and identifies competing definitions of what it means to make "art" and be "modern" in "Latin America." Major themes include nationalism and internationalism, race and representation, the art market, and the relationship between art, politics, and social activism. Addresses the following major artistic trends, among others: the academic tradition, Modernismo, the Mexican mural movement, Surrealism, Constructive Universalism, abstraction, conceptualism, and postmodernism. (IRR)

Attributes: AN1, APOS, CA, DV, INBG, LSCI, LXME, RPPE, TIDE, TIII  
4 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  
4 Credits

**ARTH 27503-27505 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 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. (IRR)

Attributes: APOS, CA, MAP, TIDE  
3 Credits

**ARTH 28500 Art since 1945 (LA)**

Surveys the development of contemporary visual art. Explores how various artists, art movements, art practices, and artworks since 1945 have challenged previous notions about art and addressed social, political, and cultural issues. Traces international connections between artists during the post-war period and the rise of the global artworld since 1990. (IRR)

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

**ARTH 28700 Latinx Art in the United States (LA)**

The course 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 will be placed on the following artistic cultures: Chicano, Puerto Rican, Cuban-American, and New York City's art world. Topics to be considered include: the relative coherence of the category "Latinx Art;" the role of art in the construction of tradition and community; intersections of gender, race, sexuality and class in Latinx identity formation; the borderlands as place and concept; and the place of the arts in contemporary debates over immigration. (IRR)

Attributes: AN3, APOS, CA, DV, LAEL, LAGC, LSCH, LXME, RPPE, SCE, TIDE, TPJ, WGS  
4 Credits

**ARTH 29200 Introduction to Museum Studies (LA)**

Introduces the history of museums and art galleries in an international context, investigates their cultural and societal roles, and addresses the contemporary issues and ethical dilemmas they face. Explores related aspects of the art world and art market. (Y)

Attributes: AN1, AN3, FA  
4 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: One ARTH course at the 100-level with ARCH attribute and one ARTH course at the 200-level course with ARCH attribute and ART 11xxx or ART 12xxx or ART 15xxx. (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 imaginary" of world cities (e.g., New York, Paris, Moscow, Istanbul, Kyoto, Lagos, Los Angeles).

Exploration of the components of successful city design through study of architectural ensembles and urban patterns in their political and cultural contexts and analysis of relationships between human experience and architectural form through the lens of literary representation.

Prerequisites: One course in art history at 200-level or above. (O)

Attributes: AN1, ARCH

4 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 35900 Contemporary Architecture (LA)**

A survey of recent architecture and architectural practices from around the globe. Explores ways in which architecture and architects have engaged pressing environmental, social, and technical issues, as manifested in buildings, cities, and landscapes. Considers the specific design techniques used to imagine and create the built environment. Examines projects by and for populations historically underrepresented in the profession and the historical canon. Includes both written and graphic modes of analysis. Prerequisites: One ARTH course at the 200-level or above. (IRR)

Attributes: ARCH

4 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 Selected Topics in Art History (LA)**

Addresses an advanced topic in art history. May be repeated for credit for different selected topics. Prerequisites: One art history course at 200-level or above. (IRR)

Attributes: WGS3

4 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 200-level or above. (IRR)

Attributes: ARCH

4 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 Anti-Institutional Art and Art Institutions (LA)**

Examines how contemporary art practices such as performance art, participatory art, and institutional critique resist established ways of exhibiting and collecting art in museums and galleries. Considers how art institutions have adapted in response. Prerequisites: One 200-level ARTH course. (IRR)

Attributes: HU, SCE

4 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 200-level or above. (IRR)

Attributes: AN1

4 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. (IRR)

4 Credits

**ARTH 48000 Senior Portfolio: Architectural Studies (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: ARTH 30200. (Y)

Attributes: CP

1 Credit

**ARTH 49000 Seminar: 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. (Y)  
Attributes: HU, WI  
4 Credits

**ARTH 49050 Seminar: Architecture (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. (IRR)  
Attributes: HU, WI  
4 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, museum, or other art, architecture, or cultural organization under the joint supervision of a site supervisor and an Ithaca College faculty member. Internships are arranged individually at the student's request, subject to the availability of an appropriate slot at a cultural organization. Internships may be carried out locally, at a remote location, or through Ithaca College's New York (ICNYC) or selected study abroad programs. Prerequisites: Three art history courses; permission of department chair and instructor. (F,S,Y)  
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 Internship: Architectural Studies (NLA)**

An opportunity for students to gain practical experience in areas related to architectural studies, 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: At least one 300-level ARTH architectural history course (ARCH attribute) or ARTH 30100. (F,S,Y)  
1-6 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. Offered only by special permission: see "Requirements for Honors in Art History and Architectural Studies." Prerequisites: WRTG 10600 or ICSM 10800. (IRR)  
Attributes: WI  
3,4 Credits

**Art History Major - B.A.**

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

**Summary**

Code	Title	Credits
Art History B.A. Major Requirements		39-43
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		77-81
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> *This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.*

**Degree Requirements**

Code	Title	Credits
<b>FOUNDATION IN ART AND ARCHITECTURE</b>		
ARTH 1xxxx	Any 100-level ARTH course	4
<b>PRACTICE: APPLYING METHODS TO DIVERSE TRADITIONS</b>		
ARTH 20100	Practicing Art History	4
One ARTH course with attribute APRE, focusing on material before 1800		4
One ARTH course with attribute APOS, focusing on material after 1800		4
Two additional ARTH courses at the 200-level and above (CNPH 24000 may count towards this requirement)		8
<b>PERFORMANCE: ADVANCED IMPLEMENTATION OF KNOWLEDGE AND SKILLS</b>		
Two ARTH courses at 300-level		8
One ARTH course at 300- or 400-level		3-4
<b>INTERDISCIPLINARY STUDY</b>		
ART xxxxx	Any 4-credit ART course (CNPH 14100 may be substituted for an ART course)	4
<b>Total Credits</b>		<b>39-40</b>

Code	Title	Credits
<b>MUSEUM STUDIES CONCENTRATION</b>		
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	4
Select one of the following advanced ARTH courses:		4
ARTH 39300	Exhibitions, Education, and Outreach	

ARTH 39500	Anti-Institutional Art and Art Institutions	
ARTH 39600	Exhibiting African Art	
ARTH 39700	Selected Topics in Museum Studies	
ARTH 49300	Exhibition Seminar	
ARTH 49400	Internship: Art History	3
<b>Professional Development Courses</b>		
Select one of the following (some may have prerequisites): <sup>1</sup>		3-4
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 Administration I	
WRTG 31700	Proposal and Grant Writing	
WRTG 34500	Writing as a Critic	
Total credits: 42-43		

<sup>1</sup> Some courses may have additional prerequisites that the student is responsible for meeting.

## Architectural Studies Major — B.A.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

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 9 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 3-3.5 year Master of Architecture program in order to receive a Master of Architecture degree from an NAAB accredited program.

### Summary

Code	Title	Credits
Architectural Studies B.A. Major Requirements		47-49
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		71-73
Total Credits		120

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

### Degree Requirements

Code	Title	Credits
<b>Core Courses</b>		
ARTH 11300	Elements of Architecture	4
ARTH 11400	Architecture Across Cultures	4
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: Architectural Studies	1
Select 3-4 credits from the following: <sup>1</sup>		3-4
ARTH 490xx	Seminar	
ARTH 49900	Honors Independent Study	
<b>Architectural History and Design Courses</b>		
Select twelve (12) credits of 200- or 300-level courses with the attribute ARCH, with at least four (4) credits at the 300 level		12
<b>Art History elective</b>		
ARTH xxxxx	Minimum of one 100- or 200-level ARCH course without the attribute Architectural History (ARCH)	4
<b>Building Sustainable Societies</b>		
Select one course (3-4) credits with the attribute ABSS, Architectural Studies-Building Sustainable Societies, from outside the department.		3-4
<b>Art</b>		
ART 11xxx	Any Introduction to Drawing course	4
Choose one of the following:		4
ART 12000	Two-Dimensional Design	
ART 15xxx	Any Introduction to Sculpture course	
Total Credits		47-49

<sup>1</sup> ANTH 490xx Seminar must have an architectural focus; ANTH 49900 must have an architectural topic.

## Art History and Architectural Studies Minor

Requirements

Code	Title	Credits
Art History Electives		20
• No more than 4 credits of 100-level courses (Up to 4 credits of the following may be substituted: any Studio ART course, CNPH 14100, CNPH 24000)		
• At least 8 credits in courses at 300-level or above (excluding: ARTH 49700 and ARTH 49900)		
• No more than 4 credits of ARTH 49400 or ARTH 49800 can count towards the minor		

### Biochemistry

**Bachelor of Science — Joint Major, Biology and Chemistry Departments**  
**Andrew Smith, Dana Professor and Steering Committee Chairperson**

The biochemistry major provides background for many different careers in the sciences, especially in the pharmaceutical, agricultural, environmental, and biotechnology industries. In addition, it provides excellent preparation for careers in the medical field and affiliated health professions or for advanced study in a biochemistry graduate program. 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. 390)

### BIOC 19100-19200 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 24000 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: BIOL 12100 or BIOL 11900; CHEM 22100. (Y)

Attributes: ENRE, NS

2 Credits

### BIOC 29100 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 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 39100-39200 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: BIOL 12100 or BIOL 11900; CHEM 22100. (Y)

Attributes: ENRE, NS

2 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 49100-49200 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 49700-49800 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.**

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

**Summary**

Code	Title	Credits
Biochemistry B.S. Major Requirements		62
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		58
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Natural Sciences perspective.

**Degree Requirements**

Code	Title	Credits
<b>BIOLOGY</b>		
BIOL 12100	Principles of Biology, Cell and Molecular	4
BIOL 12200	Principles of Biology, Ecology and Evolution	4
BIOL 22700	Genetics	4
<b>CHEMISTRY</b>		
CHEM 12100 & CHEM 12200 or CHEM 12300	Principles of Chemistry and Principles of Chemistry Laboratory or Principles of Chemistry - Enriched Section	4
CHEM 22100 & CHEM 22300	Organic Chemistry I and Organic Chemistry I Laboratory	4
CHEM 22200 & CHEM 22400	Organic Chemistry II and Organic Chemistry II Laboratory	4
CHEM 23200 & CHEM 23300	Quantitative Chemistry and Quantitative Chemistry Laboratory	4
<b>BIOCHEMISTRY</b>		
BIOC 24000	Experimental Biochemistry	2
BIOC 35300	Biochemistry: Protein Structure & Function	3
BIOC 35400	Biochemistry: Molecular Biology of the Gene	4
BIOC 39000	Independent Research in Biochemistry	3
BIOC 48100	Current Topics in Biochemistry	3
<b>BIOLOGY ELECTIVE</b>		
Select one BIOL course at the 300- or 400- level <sup>1</sup>		4

<b>CHEMISTRY ELECTIVE</b>		
Select at least 3 additional credits of CHEM at the 300- or 400-level <sup>1</sup>		3
<b>PHYSICS, MATHEMATICS, AND COMPUTER SCIENCE</b>		
PHYS 10100	Introduction to Physics I or PHYS 12200 Momentum, Energy, and Heat	4
MATH 10800	Applied Calculus or MATH 11100 Calculus I	4
Select one of the following:		4
COMP 17100	Principles of Computing Science I	
MATH 11200	Calculus II	
MATH 14500	Statistics for the Health, Life, and Social Sciences	
PHYS 10200	Introduction to Physics II	
PHYS 12300	Classical Fields: Gravity, Electricity, & Magnetism	
<b>Total Credits</b>		<b>62</b>

<sup>1</sup> The following seminar and research courses cannot be used to count toward the Biology or Chemistry elective requirement: BIOL 30000, 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, 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. 395)
- Biology Major — B.S. (p. 396)
- Biology Minor (p. 396)

### BIOL 10100 Plagues and 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, AN2, NS, SC, TIDE, TIII, WGS, WGS1

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 11900 or BIOL 12100. Lecture/discussion: Three hours. (F,Y)

Attributes: 2A, AN2, 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, AN2, 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, AN2, 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: AN2, 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. (FS)

Attributes: 2A, AN2, 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, AN2, 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)

Attributes: AN2, ENRE

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, AN2, NS

4 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 20100 Presenting Biology (LA)**

Prepares students conducting research to create and deliver an oral presentation. To be taken concurrently with BIOL 30200. Prerequisites: BIOL 11900 or 12100; BIOL 12000 or 12200. (F,S,Y)

1 Credit

**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 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: AN2, 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. (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. (F,S,Y)

Attributes: BIEL, ENRE

4 Credits

**BIOL 22800 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 include natural selection, genetic drift, population genetics, quantitative genetics, adaptation, speciation, phylogenetic analysis, and sexual selection. Lecture: Three hours. Discussion: One hour. Prerequisites: BIOL 11900 or BIOL 12100; BIOL 12000 or BIOL 12200. (F,S,Y)

Attributes: AN2, BIEL

4 Credits

**BIOL 27100 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 11900 or BIOL 12100; BIOL 12000 or BIOL 12200. (F,E)  
Attributes: BIEL, ENRE, ESTS  
4 Credits

**BIOL 29000 Research in Biology (LA)**

For students to conduct research with a faculty member, either before or after completing the required BIOL 30200 research course. Course is repeatable up to 12 credits in total. Permission of instructor required. Prerequisites: BIOL 11900, 12000, 12100, or 12200. (F,S)  
1-3 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 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,E)  
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. (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; One 200-level BIOL course. (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 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

## Biology Major – B.A.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

Summary

Code	Title	Credits
Biology B.A. Major Requirements		51-53
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		67-69
Total Credits		120

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Natural Sciences perspective.

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 22800	Evolution	4
BIOL 20100	Presenting Biology	1
BIOL 30200	Research in Biology	3
BIOL 41100	Biology Seminar	0.5
BIOL 41200	Biology: Seminar	0.5
Biology Electives		
Five courses with Biology Elective Attribute “BIEL”; at least three courses must be at the 300-level or above.		18-20
COURSES OUTSIDE THE DEPARTMENT		
CHEM 12100 & CHEM 12200 or CHEM 12300	Principles of Chemistry and Principles of Chemistry Laboratory or Principles of Chemistry - Enriched Section	4
CHEM 22100 & CHEM 22300	Organic Chemistry I and Organic Chemistry I Laboratory	4
MATH 14500	Statistics for the Health, Life, and Social Sciences	4
Total Credits		51-53

Biology Major – B.S.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

Summary

Code	Title	Credits
Biology B.S. Major Requirements		59-61
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		59-61
Total Credits		120

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Natural Sciences perspective.

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 22800	Evolution	4
BIOL 20100	Presenting Biology	1
BIOL 30200	Research in Biology	3
BIOL 41100	Biology Seminar	0.5
BIOL 41200	Biology: Seminar	0.5

Biology Electives		
Five courses with Biology Elective Attribute “BIEL”; at least three courses must be at the 300 level or above.		18-20

-Note: 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 & CHEM 12200 or CHEM 12300	Principles of Chemistry and Principles of Chemistry Laboratory or Principles of Chemistry - Enriched Section	4
CHEM 22100 & CHEM 22300	Organic Chemistry I and Organic Chemistry I Laboratory	4
MATH 14500	Statistics for the Health, Life, and Social Sciences	4
Eight (8) additional credits from Chemistry (CHEM), Physics (PHYS), Mathematics (MATH), or Computer Science (COMP), excluding courses that count towards the Integrative Core Curriculum		8
Total Credits		59-61

Biology Minor Requirements

Code	Title	Credits
INTRODUCTORY BIOLOGY SEQUENCE		
Select one of the following:		8
BIOL 11900 & BIOL 12000	Fundamentals of Biology: Cells and Bodies and Fundamentals of Biology: Ecology and Evolution	
BIOL 12100 & BIOL 12200	Principles of Biology, Cell and Molecular and Principles of Biology, Ecology and Evolution	

BIOLOGY ELECTIVES		
Four courses with Biology Elective Attribute “BIEL”		14-16
Total Credits		22-24

Center for the Study of Culture, Race and Ethnicity

Sean Eversley Bradwell, Assistant Professor and 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 B.A. in Race, Power, and Resistance is to provide students with an opportunity 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. 401)
- African Diaspora Studies Minor (p. 401)
- Asian American Studies Minor (p. 402)
- Latino/a/x Studies Minor (p. 402)
- Native American Indigenous Studies Minor (p. 402)

### 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: AN3, CNSL, DV

4 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, LAEL, LAGC

4 Credits

### CSCR 10900 Introduction to Native American and 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, TIDE, TPJ

4 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: AASE, AN3, CNSL, DV, HM, RPRE, SO, TIDE, TPJ

4 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, LMSF, LSCO, RPRE, SO, TIDE, TPJ

4 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 20700 Hip Hop Feminism: That's a Bad B@tch (LA)**

Explores the development and growing perspective of Hip Hop Feminism. 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; the political economy of racialized representations; and the legacy and agency of cultural expressions. Uses an intersectional consciousness to explore patriarchy, sexism, and racism through works by early womanist, hip hop feminists and contemporary scholars, artists, performers, and writers. (IRR)

Attributes: AACH, AASE, ADCH, ADSE, LSCH, LXME, NACH, NASE, WGS, WGSJ

4 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, LMEL, LSCH, LSCO, LXME, MAP, RPRE, SCE

4 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, RPRE, SO, TIDE, TPJ

4 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 22200 Japanese Americans and Mass Incarceration (LA)**

This course offers students an in-depth study of Japanese American World War II incarceration. We will explore Japanese American incarceration comparatively with other forms of containment (settler colonialism, prisons, immigrant detention centers, etc.) to understand how the U.S. functions as a carceral state. (O)

Attributes: AACI, AASE, ADCI, ADSE, DV, NACI, NASE, SO, TIDE, TPJ

4 Credits

**CSCR 22400 Race, Place, and Power (LA)**

Explores how relationships to place and environment shape and are shaped by race, power, and resistance with a focus on sites of U.S. occupation in the Pacific, such as Hawai'i, Guam, Okinawa, and the Philippines. Investigates the relationship between tourism, militarization, and colonization, with a special focus on ways that contemporary scholars, artists, and writers seek to decolonize the Pacific Islands and assert Indigenous sovereignty over the Pacific's lands, cultures, and futures. (F,IRR)

Attributes: AAPP, AASE, LXME, NAPP, NASE, RPRE

4 Credits

**CSCR 22600 Introduction to Black Church Studies (LA)**

Introduces the historical development of the Black Church in America, African American religious thought, and its contribution to the religious progress of Black Americans. Takes a multidisciplinary and interdisciplinary approach to understand how Black Christians wrestle with what it means to be Black and Christian in America. Uses historical, theological, ethical, rhetorical, and sociological foundations of that experience from an academic perspective. (F,IRR)

Attributes: RPRE, RSEA

4 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)

Attributes: ADCI, ADSE, RPPE, WGS, WGSJ

4 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. (Y)

Attributes: DV, LAEL, LAGC, LMEL, LSCO, LSPP, LXME, NAPP, NASE, RPPE

4 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, AACH, AASE, ADCH, ADSE, DV, H, LSCH, LXME, NACH, NASE, 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. (FY)

Attributes: AAPL, AASE, ADCH, ADPL, ADSE, AN3, DV, LSPL, LXME, NAPL, NASE, 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. (FY)

Attributes: AAPP, AASE, ADPP, ADSE, LSPP, LXME, NAPP, NASE

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, RPPE

4 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, NAPP, 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, NAPL, RPPE  
4 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, RPPE  
4 Credits

**CSCR 42000 Scholarship of and by Women of Color (LA)**

Seminar style class that explores the scholarship of and by women of color, with an emphasis on the concept of "intersectionality" and theories and frameworks introduced by women of color. We discuss questions related to the intersection of race, ethnicity, class, gender, sexuality, capitalism, and citizenship. SOCI 42000 and CSCR 42000 are cross listed, and students may not earn credit for both. Prerequisites: Any three SOCI or CSCR courses. (F,Y)

Attributes: AACI, AASE, ADCI, ADSE, DV, LSCI, LXME, NACI, NASE, SO2, SS, WGS, WGS3, WGS1  
4 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. (IRR)

Attributes: ADPL, ADSE, RPPE  
4 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. Students integrate studies in the major and their ICC coursework through a research presentation focused on the relational dimensions of racial/ethnic oppression and resistance and how accumulated knowledge will be applied in their chosen occupations. Prerequisites: CSCR 32400; CSCR 21500, CSCR 23400, CSCR 37400, or CSCR 38000. (IRR)

Attributes: AACI, AASE, ADCI, ADSE, CP, LSCI, LXME, NACI, NASE, RPPE  
1 Credit

**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. (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.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

Students majoring in Race, Power, and Resistance may also enroll in one of the four 20-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	37
	Integrative Core Curriculum Requirements and Electives <sup>1</sup>	83
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Social Sciences perspective.

## Degree Requirements

Code	Title	Credits
<b>CORE REQUIREMENTS</b>		
CSCR 12300	Introduction to Culture, Race & Ethnicity Concepts	4
CSCR 32400	Critical Race Theories	4
CSCR 43400	Capstone Seminar in Race, Power, and Resistance	1
<b>AREA STUDIES</b>		
Select one from the following:		4

CSCR 10600	Introduction to African Diaspora Studies
CSCR 10700	Introduction to Latino/a/x Studies
CSCR 10900	Introduction to Native American and Indigenous Studies
CSCR 11000	Introduction to Asian American Studies

**METHODS**

Select one from the following: 4

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 20 additional credits with the CSCR prefix, or with the RPRE attribute. These electives must meet the following criteria: 20

- Eight credits at the 200-level or above
- Eight credits at the 300- or 400-level (excluding CSCR 32400 and CSCR 43400)
- Four credits at any level (excluding CSCR 12300, CSCR 32400, and CSCR 43400)
- At least eight 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** 37

## 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
<b>FOUNDATIONAL REQUIREMENTS</b>		
CSCR 10600	Introduction to African Diaspora Studies	4
CSCR 12300	Introduction to Culture, Race & Ethnicity Concepts	4
<b>RESTRICTED ELECTIVES</b>		
12 credits of additional courses with the African-Diaspora Studies Elective attribute ADSE. These electives must meet the following criteria:		12
• minimum of 4 credits must have the subject code CSCR		
• 4 credits must be at the 300-level or above		
<b>Total Credits</b>		<b>20</b>



# 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	4
CSCR 12300	Introduction to Culture, Race & Ethnicity Concepts	4
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 4 credits must have the subject code CSCR		
• 4 credits must be at the 300-level or above		
Total Credits		20

# 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.

## Requirements

Code	Title	Credits
FOUNDATIONAL REQUIREMENTS		
CSCR 10700	Introduction to Latino/a/x Studies	4
CSCR 12300	Introduction to Culture, Race & Ethnicity Concepts	4
RESTRICTED ELECTIVES		
12 credits of additional courses with the Latino/a Studies Elective attribute LXME. These electives must meet the following criteria:		12
• minimum of 4 credits must have the subject code CSCR		
• 4 credits must be at the 300-level or above		
Total Credits		20

# Native American and 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 and Indigenous Studies	4
CSCR 12300	Introduction to Culture, Race & Ethnicity Concepts	4
RESTRICTED ELECTIVES		
12 credits of additional courses with the Native American and Indigenous Studies Elective attribute NASE. These electives must meet the following criteria:		12
• minimum of 4 credits must have the subject code CSCR		
• 4 credits must be at the 300-level or above		
Total Credits		20

# Department of Chemistry

## Bachelor of Science

Andrew Torelli, Associate 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. 407)
- Chemistry Minor (p. 407)

**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 or higher, math placement assessment score of 46 or greater, 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. Co-requisite: CHEM 12200. Prerequisites: Math placement in group 3 or higher, math placement assessment score of 46 or higher. (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 higher, math placement assessment score of 46 or higher. 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. Students cannot receive credit for both CHEM 12100 and CHEM 12300. Prerequisites: Math placement in group 1, math placement assessment score of 76-87 and permission of instructor. (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 18100-18200 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: 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. Co-requisite: CHEM 22300. 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. Co-requisite: 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 higher, math placement assessment score of 54 or greater. Co-requisite: CHEM 23300. (F,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. Co-requisite: CHEM 23200. Prerequisites: CHEM 12100 and CHEM 12200; Math placement in Group 2 or higher, math placement assessment score of 54 or greater. (F,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 28100-28200 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. 3 credits. (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). 4 credits. (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; MATH 10800 or MATH 11100; MATH 11200 or MATH 14500 or MATH 21600; PHYS 10100 or PHYS 10200 or PHYS 11700 or PHYS 11800 or PHYS 12200 or PHYS 12300. (S,O)

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 higher, math placement assessment score of 54 or greater. (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. The course involves a significant writing component with experimental reports that adhere to the publication standards of scientific journals. Prerequisites: CHEM 23200 and CHEM 23300; CHEM 34200; Math Placement Group of 2 or higher, math placement assessment score of 54 or greater. (S,Y)

2 Credits

**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. May be repeated up to a total of nine credits. Permission of department required. (F,S,Y)

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. Permission of Instructor is required. (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. One meeting per week. Pass/Fail only. Permission of department required.  
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.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

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		55-56
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		65-64
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Natural Sciences perspective.

## Degree Requirements

Code	Title	Credits
<b>DEPARTMENTAL REQUIREMENTS</b>		
CHEM 12100 & CHEM 12200	Principles of Chemistry and Principles of Chemistry Laboratory	4
or CHEM 12300Principles of Chemistry - Enriched Section		
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 33200Physical Chemistry: Quantum Chemistry and Spectroscopy		
CHEM 34200	Inorganic Chemistry	3
CHEM 34300	Inorganic Chemistry Laboratory	2
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.

- 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.

<b>NON-DEPARTMENTAL REQUIREMENTS</b>		
MATH 10800	Applied Calculus	4
or MATH 11100Calculus I		
MATH 14500	Statistics for the Health, Life, and Social Sciences	3-4
or MATH 11200Calculus II		
or MATH 21600Statistical Analysis		
PHYS 10100	Introduction to Physics I	4
or PHYS 12200 Momentum, Energy, and Heat		
COMP 17100	Principles of Computing Science I	4
or PHYS 10200 Introduction to Physics II		
or PHYS 12300 Classical Fields: Gravity, Electricity, & Magnetism		
<b>Total Credits</b>		<b>55-56</b>

## Chemistry Minor

The chemistry minor is not open to biochemistry majors, due to the course overlap.

### REQUIREMENTS

Code	Title	Credits
<b>REQUIRED COURSES IN THE DEPARTMENT</b>		
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) <sup>1</sup>

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**Total Credits**
**20**

<sup>1</sup> Some 300- and 400-level CHEM courses have additional prerequisites.

## Department of Computer Science

Bachelor of Arts, Bachelor of Science

**Ali Erkan, Associate Professor and Chairperson**

From scientific research to business, from entertainment to health care, computing technology provides the structure and tools for living and working in the contemporary world. The majors and the minor offered by the computer science department 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.

The computer science degrees 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.

### Majors in Computer Science

The department offers two majors, a B.A. and a B.S. in computer science. Both majors are designed to support students to achieve mastery of the discipline.

- Both majors cover the fundamental concepts of computing and develop the problem-solving skills needed to create computer-based solutions across all disciplines.
- Both majors emphasize the challenges in human-computer interactions and the design skills necessary to make technology both approachable and useful for humans.
- Both majors prepare students for a career in industry or for graduate school.

The two majors are structured differently to accommodate students with different academic goals:

- the B.S. places a greater emphasis on software development and computer organization;
- the B.A. affords a greater degree of academic exploration by requiring fewer credits.

### Minor in computer science

The computer science minor is appropriate for students in any major, from history to business, from physical therapy to journalism. The minor empowers students to be quantitatively competent and technologically proficient in their own disciplines.

### Areas of Focus

Students may choose to focus their study in the broad field of computer science through careful selection of clusters of related courses that

allow them both to gain expertise in particular subfields within computer science, and also prepare for corresponding career opportunities. Specific areas of focus that the department supports include:

- *Application development* — courses include web and mobile app development and programming languages;
- *Artificial Intelligence/Machine Learning* — courses combine additional study in mathematics with study of intelligent systems and machine learning;
- *Data and Infrastructure* — deeper study of networks, languages, and databases;
- *Systems* — deeper study of networks, languages, and databases.

Students are expected to have extensive discussions with their advisors to understand each of these areas in order to select courses that will work best for their goals. More information on these “areas of focus” can be found on the department’s web page (<https://www.ithaca.edu/academics/school-humanities-and-sciences/computer-science/areas-focus/>).

### 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.

### 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.

## Majors & Minors

- Computer Science Major — B.A. (p. 412)
- Computer Science Major — B.S. (p. 413)
- Computer Science Minor (p. 413)

#### 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. Prerequisites: COMP 17100 (with a C or better). (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. 3 credits. (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: AN2, CCCS, ESTS, NS, WI

3 Credits

**COMP 17000-17001 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 6 credits. Prerequisites: Permission of the computer science faculty. 1-3 credits. (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)**

This course reinforces and strengthens the foundational concepts learned in Computer Science I and provides additional experience with problem solving and algorithmic thinking independent of the programming language used. It provides the requisite skills needed by majors and minors to successfully progress in Computer Science. The course is a combination of lectures, in-class exercises, and labs, with a strong hands-on approach. Prerequisite: COMP 17100 with a grade of C or better. (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. 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. Prerequisite: COMP 17100 with a grade of C or better. (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 with a grade of C or better. (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 with a grade of C or better. (S,Y)

Attributes: NS

4 Credits

**COMP 21000 Computer Systems I (LA)**

Explores the fundamental concepts of computer systems including processes, memory management, concurrency, systems programming, information representation, and low-level program execution.

Prerequisites: COMP 17200 with a grade of C or better and COMP 11500 with a grade of C or better. (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 with a grade of C or better. (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 with a grade of C or better. (F,E)

4 Credits

**COMP 31000 Computer Systems II (LA)**

In-depth investigation of the major concepts, algorithms, and implementation principles of computer systems. Both theoretical and practical aspects of 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; network protocols, and distributed system structures. Prerequisites: COMP 21000 with a grade of C or better. (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 with a grade of C or better. (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 22000 with a grade of C or better. (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 with a grade of C or better and COMP 20500 or COMP 20700 or COMP 22000 with a grade of C or better. (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 with a grade of C or better. (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 with a grade of C or better. (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 with a grade of C or better. (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 21000 with a grade of C or better and COMP 31100 with a grade of C or better. (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 all with a grade of C or better. (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.

TVR 38500 and COMP 38500 are cross listed courses; students cannot receive credit for both COMP 38500 and TVR 38500. Open only to Emerging Media majors. Prerequisites: COMP 20200; Junior Standing. (S,Y)

Attributes: PROD

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 both with a grade of C or better. (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 with a grade of C or better. (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 300-level COMP or MATH course all with a grade of C or better. (S,O)

4 Credits

**COMP 45600 Machine Learning (LA)**

Explores supervised learning (including linear/logistic regression, decision trees, and neural networks) and unsupervised learning (including clustering, anomaly detection). Covers both theoretical concepts and practical applications of machine learning, and provides opportunities to implement and experiment with these algorithms on real-world data sets. Prerequisites: COMP 22000 with a grade of C or better and one 300-level COMP or MATH with a grade of C or better. (IRR)  
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 both with a grade of C or better. (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 6 credits. Prerequisites: Junior standing and permission of the computer science faculty. 1-3 credits. (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. TVR 48500 and COMP 48500 are cross listed courses; 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)  
Attributes: PROD  
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: ND  
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 4 credits 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. 1-12 credits. (IRR)  
1-12 Credits

**Computer Science Major – B.A.**

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

**Summary**

Code	Title	Credits
Computer Science B.A. Major Requirements		40-44
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		76-80
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is not approved to fulfill a perspective course for the Integrative Core Curriculum (p. 269).

**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
<b>CORE COURSES IN THE DEPARTMENT</b>		
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 31100	Algorithms and Data Structures	4
COMP 34500	Introduction to Software Engineering <sup>1</sup>	3-4
or COMP 47500 Senior Project		

COMP xxxx	Four elective courses in Computer Science (at least one course must be a 4-credit course) <sup>2</sup>	13-16
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•Select one course at any level

•Select one course at the 200-, 300-, or 400-level

•Select one course at the 300- or 400-level

•Select one course at the 400-level

#### MATHEMATICS REQUIREMENT

Select one MATH course from the following list: (students may not apply AP credit for MATH courses to this requirement):

MATH 10800 Applied Calculus

MATH 11100 Calculus I

MATH 14400 Statistics for Business, Economics and Management

MATH 14500 Statistics for the Health, Life, and Social Sciences

MATH 21600 Statistical Analysis

**Total Credits** 40-44

<sup>1</sup> Students who choose to complete COMP 47500 Senior Project may use COMP 34500 as one of the four computer science electives.

<sup>2</sup> Students may not use any COMP project or internship courses to satisfy this requirement, including: COMP 17000/ COMP 17001, COMP 27000/COMP 27001, COMP 37000/COMP 37001, COMP 47000/COMP 47001, COMP 47500, or COMP 49800.

## Computer Science Major – B.S.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

### Summary

Code	Title	Credits
	Computer Science B.S. Major Requirements	54-59
	Integrative Core Curriculum Requirements and Electives <sup>1</sup>	61-66
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is not approved to fulfill a perspective course for the Integrative Core Curriculum (p. 269).

### 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
<b>CORE COURSES IN THE DEPARTMENT</b>		
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
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COMP 34500	Introduction to Software Engineering	4
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COMP xxxxx	Five elective courses in computer science (excluding COMP 49800) <sup>1</sup>	16-20
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•Select one course at any level

•Select one course at the 200-, 300- or 400-level

•Select two courses at the 300- or 400-level

•Select one course at the 400-level

#### MATHEMATICS COURSES

MATH 11100	Calculus I	4
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MATH 18700	Introduction to Applied Linear Algebra or MATH 23100 Linear Algebra	3
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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 21600 Statistical Analysis

**Total Credits** 54-59

<sup>1</sup> Students may use only one project course - COMP 37000/370001, COMP 47000/47001, or COMP 47500 - taken for at least 3 credits to fulfill the electives requirement.

## 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 17100	Principles of Computing Science I	4
COMP 17200	Principles of Computer Science II	4
COMP xxxxx	Select four additional computer science courses (excluding COMP 49800) as follows: <sup>1</sup>	13-16

•Select one course at any level

•Select two courses at the 200-, 300-, or 400-level

•Select one course at the 300- or 400-level

**Total Credits** 21-24

<sup>1</sup> Students may use only one project course - either COMP 370xx, COMP 470xx, or COMP 47500 taken for at least 3 credits - to fulfill the electives requirement.

## Department of Economics

Bachelor of Arts, Bachelor of Science

**Shaienne T. Osterreich, 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. 416)
- Economics Major - B.S. (p. 416)
- Economics Minor (p. 417)

### 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,Y)

Attributes: I, SS

4 Credits

### ECON 12000 Principles of Economics (LA)

Introduction to the foundational theories and applications in macroeconomics and microeconomics. Macroeconomic topics include economic indicators, business cycles, national income accounting, the determinants of national income, employment and inflation, the monetary system, central banks, and fiscal policy. Microeconomic topics include supply and demand, comparative advantage, consumer choice, the theory of the firm under competition and monopolies, economic inequality, and market failure. (F,S,Y)

Attributes: QL, SS

4 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 12000. (F,Y)

Attributes: SS

4 Credits

### ECON 20200 Macro Analysis (LA)

Intermediate macroeconomics course on theory, policy, and data related to unemployment, inflation, exchange rates, global trade balances and inclusive economic growth; will cover country and regional cases from many regional areas in the global economy. Prerequisites: ECON 12000. (S,Y)

Attributes: SS

4 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.

Students cannot receive credit for both ECON 20400 and HLTH 20400.

Prerequisites: ECON 12000. (IRR)

Attributes: LMEL, LSCO

4 Credits

### ECON 22100 Money and Banking (LA)

Investigates banking and finance through a macroeconomics lens.

Covers: history of money, comparative histories of debt and usury, commercial bank systems, management and regulation; shadow banking; central bank policies; connections between financialization and wealth distribution; banking discrimination; and financial crisis. Prerequisites:

ECON 12000. (IRR)

Attributes: SS

4 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. Includes case studies from the U.S. and other high income countries, as well as developing countries. Prerequisites:

ECON 12000. (IRR)

4 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

4 Credits

### ECON 26000 Capitalism: Recessions and Revivals (LA)

Explores the nature and causes of recessions and revivals in the U.S. economy. Focuses on capitalism as an engine or impediment to economic progress. The theory and history of business cycles are reviewed before students explore the nature and causes of specific episodes of recession and revival in the U.S. Prerequisites: ECON 12000. (IRR)

4 Credits

**ECON 27000 Women and Economics (LA)**

Introduction to economic issues related to women's roles in household, domestic, and global economies through both a microeconomic and macroeconomic lens. Topics include education, labor force participation, sex segregation in the labor market, wage differentials, discrimination, family formation and household production. Prerequisites: ECON 12000. (IRR)

Attributes: AN3, LMEL, LSCO, SS, WGS  
4 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 economic analysis of climate change. Topics include the relationship between economic activity and climate change, economic analysis of climate change mitigation and adaption strategies, and economic analysis of environmental policy in both the United States and the international community. ENV 28100 and ECON 28100 are cross-listed courses. Prerequisites: ECON 12000. (IRR)

Attributes: AN2, AN3, LMEL, LSCO, SS  
4 Credits

**ECON 28800-28807 Selected Topics: Economics (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. May be repeated for credit when topics change. Prerequisites: ECON 12000. (IRR)

Attributes: SS  
1-4 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)**

Provides an overview of topics related to labor economics through both a microeconomic and macroeconomic lens. Topics include the supply of and demand for labor, the structure of wages, employment determination, elasticity, human capital, unions and collective bargaining, inequality, discrimination and government programs. Prerequisites: Any 200-level ECON course. (IRR)

Attributes: SS  
4 Credits

**ECON 31200 Economic Development (LA)**

Examination of economic changes in developing countries from both a macroeconomic and microeconomic perspective. This includes evaluating the goals of development, applying various theoretical models of development, and exploring empirical data testing such models. In the process several policy options and specific country contexts will be highlighted. Prerequisites: Any 200-level ECON course. (IRR)

Attributes: ENSS, ENVE, ESSS, INBG, SS  
4 Credits

**ECON 32500 Public Finance (LA)**

This course centers around the role of government in the economy. In particular, we will study how government taxation and expenditure policies affect the economy and the welfare of its citizens. Topics include resource allocation, budgeting, income distribution, social safety nets, and other current policy debates. Prerequisites: Any 200-level ECON course. (IRR)

Attributes: SS  
4 Credits

**ECON 33300 Econometrics (LA)**

Statistical methods, simple and multiple regression analysis. Detection and remedy of multicollinearity, heteroskedasticity, and autocorrelation. Alternate functional forms and dichotomous variables. Exposure to econometric software. Prerequisites: ECON 12000 and MATH 14400 or MATH 14500, MATH 21600, MATH 31600. (F,Y)

Attributes: SS  
4 Credits

**ECON 33400 Advanced Econometrics (LA)**

Advanced topics in econometrics include tests of linear restrictions, dummy variables, distributed lags, time-series techniques, panel data techniques, simultaneous-equation models, and non-linear models. Derivation of formulas and proofs of statistical concepts. Develop advanced proficiency with econometric software. Prerequisites:

ECON 33300. (IRR)  
Attributes: SS  
4 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 200-level ECON course. (F,Y)

Attributes: AN3, DV, INBG, LAEL, LAGC  
4 Credits

**ECON 37200 Big Business, Profit, and Community Well-Being (LA)**

Extends and refines the economic theory of the firm with a focus on oligopolies and monopolies. Drawing on empirical evidence, it examines theories concerning the motives of very large firms, barriers to entry, interdependence among firms, product differentiation, advertising, and profit. Examines the distribution of business activity benefits in the community among consumers, labor, management, and stockholders. Prerequisites: Any 200-level ECON course. (IRR)

4 Credits

**ECON 38500 International Economics (LA)**

Study of international trade patterns, gains and losses from trade, and international investment, both private and government. Issues discussed include pros and cons of free trade, tariffs, bi-lateral, regional, and multi-lateral trade agreements, the World Trade Organization, and the role of trade in tackling global inequality and climate change. Prerequisites: WRTG 10600 or ICSM 10800 or ICSM 11800 and any 200-level ECON course. (IRR)

Attributes: GERM, LAEL, LAGC, WI

4 Credits

**ECON 39200 Senior Economics Thesis Prep (NLA)**

Prepares 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. (S,Y)

1 Credit

**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. Students will also reflect on the experience of a liberal arts education through exploration of the students' courses in and outside of the major, including ICC courses; includes discussion of professional opportunities for Economics majors. Prerequisites: ECON 20100, ECON 20200, ECON 33300, and ECON 39200. (F,Y)

Attributes: CP

4 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.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

### Summary

Code	Title	Credits
Economics B.A. Major Requirements		48-49
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		71-72
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Social Sciences Perspective.

### Degree Requirements

No more than one grade below C- is allowed in courses required for the B.A. in economics.

Code	Title	Credits
<b>CREDITS IN THE DEPARTMENT</b>		
ECON 11500	Current Economic Debates	4
ECON 12000	Principles of Economics	4
ECON 20100	Micro Analysis	4
ECON 20200	Macro Analysis	4
ECON 33300	Econometrics	4
ECON 39200	Senior Economics Thesis Prep	1
ECON 49200	Senior Thesis in Economics	4
ECON xxxxx	Economics electives (no more than 4 credits of ECON 49000 Internship may count toward the major)	16

<b>MATHEMATICS REQUIREMENTS</b>		
MATH 10800	Applied Calculus or MATH 11100 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	
<b>Total Credits</b>		<b>48-49</b>

## Economics Major - B.S.

### Summary

Code	Title	Credits
Economics B.S. Major Requirements		48-49
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		71-72
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement or the Social Sciences Perspective.

### Degree Requirements

No more than one grade below C- is allowed in courses required for the B.S. in economics.

Code	Title	Credits
<b>CREDITS IN THE DEPARTMENT</b>		
ECON 11500	Current Economic Debates	4
ECON 12000	Principles of Economics	4
ECON 20100	Micro Analysis	4
ECON 20200	Macro Analysis	4
ECON 33300	Econometrics	4
ECON 39200	Senior Economics Thesis Prep	1
ECON 49200	Senior Thesis in Economics	4
ECON xxxxx	Economics electives (no more than 4 credits of ECON 49000 Internship may count toward the major)	16
<b>MATHEMATICS REQUIREMENTS</b>		
MATH 10800	Applied Calculus	4

or MATH 11100 Calculus I

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 48-49**

## Economics Minor

### Requirements

Code	Title	Credits
ECON 12000	Principles of Economics	4
ECON xxxxx	Economics electives	16
<b>Total Credits</b>		<b>20</b>

## Department of Education

### Sara Levy, Associate Professor and Department Chairperson

The Department of Education coordinates the Education Studies B.A., Education Studies minor, Teach in Five pathway, and graduate programs in education (M.A.T. in Adolescence Education, M.A.T. in Agriculture Education, M.A.T. in Art Education, M.S. in Childhood Education). We provide courses for departments across the college as well as our own majors and minors.

The Education Studies major takes an interdisciplinary approach to the study of the field of education. The primary purpose of this major is to introduce students to the broader field of education studies including, but not limited to, methods of research and inquiry in our field, meaningful educational endeavors that take place outside of the traditional K-12 classroom, and education beyond New York state and the United States. The major is also of value and interest to students who want to be certified to teach elementary school; students may enroll in this major in anticipation of completing the M.S. in Childhood Education through the Teach in Five pathway.

The interdisciplinary major in Education Studies is grounded in our department's commitment to equity and social justice and prepares students to be "creative, culturally competent, critically reflective graduates who possess deep knowledge in their fields of study and work collaboratively to achieve high quality education for all" (Department of Education Vision Statement). The major consists of three curricular categories: Required Education Courses (14 credits), Education Department Electives (12-16 credits, at least 3 credits at the 300 level), and Education Studies Electives (12-16 credits). This structure is highly flexible and manageable, which allows students to pursue multiple minors or a double major in order to craft their ideal undergraduate experience.

## Majors & Minors

- Education Studies Major - B.A. (p. 420)
- Education Studies Minor (p. 421)

### EDUC 10000 Education and Society (LA)

Introduction to educational issues and the interaction between schools and society in the United States. Explores the history and philosophy of U.S. education as well as research and opinion concerning contemporary educational policy and practice. Students use course materials as a lens for reflecting on their own school experience and developing informed policy suggestions regarding education in the United States. (F,S)  
4 Credits

### EDUC 10200 Inquiry's Role in Language and Literacy Development (LA)

Explores the role of learners' inquiry as foundational to language and literacy development, early childhood through adolescence, from an equity-oriented, strengths-based perspective. Includes attention to learners' inquiry as a stance and as a culturally situated practice, to language and literacy within families, schools, and communities, and to the roles of inquiry in writing and in responses to children's and adolescent literature. (IRR)  
Attributes: ESE  
4 Credits

### EDUC 10300 Introduction to Inquiry in Education (LA)

Introduces students to education research, examining how and why research is conducted, types of questions posed, and varied methodological approaches to research. Importantly, students learn how to critically analyze and evaluate educational research, as well as how such research can be used to further educational policies and practices. (IRR)  
4 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. (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 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)  
Attributes: CSD  
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 or EDUC 21010. (F,S,Y)  
4 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 23000 Literacy as a Community Movement (LA)**

Introduction to the topic of literacy in education and a critical examination of common conceptualizations of how children learn how to read. Examines ongoing discrepancies in reading outcomes for children from different demographic groups, especially children of color. Provides opportunities to engage with the idea of community movement as a vehicle for educational change. Prerequisites: At least one 3-4 credit EDUC course. (IRR)  
4 Credits

**EDUC 23900 Foundations of Special Education and Inclusivity (LA)**

Introduces future educators to populations of children encountered in diverse classrooms and examines topics related to inclusion. Considers the access and functional needs of various populations, including students with diagnosed disabilities. Reviews federal mandates, legal issues, ethical and equity issues, family issues, school personnel collaboration, and education methodologies. This course requires 15 hours of fieldwork. Intended for education students in the School of Humanities and Sciences and the School of Music. (F,S,Y)  
Attributes: TE, UND  
3 Credits

**EDUC 29000-29001 Selected Topics in Education (LA)**

Investigation of selected topics in the field of education as determined by specialized faculty research, teaching interests, and trends. (IRR)  
Attributes: UND  
1-4 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 6 credits. Prerequisites: Sophomore standing and permission of instructor. (F-S)  
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 34900 Comparative and International Education (LA)**

Explores educational goals, policies, and practices around the world through a comparative and international education lens, allowing students to situate the U.S. educational system within a global context. Focuses on topics such as variations and patterns among school systems, policies, reforms, assessment initiatives, and issues related to equity. Prerequisites: EDUC 10000. (IRR)

4 Credits

**EDUC 35000 Black Feminist Alchemy: Theory into Practice (LA)**

Explores the experiences of Black girls in U.S. schools as they are affected by social constructions and positionalities related to the intersection of race and gender. Through this particular lens, the course explores broader institutional and individual patterns of gendered racism in schools. Prerequisites: EDUC 10000. (IRR)

4 Credits

**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: EDUC 10000. (IRR)

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 43000 Capstone Seminar in Education Studies (LA)**

Serves as the culminating experience for Education Studies majors; draws on the skills and concepts built through previous coursework in the major and ICC curriculum to synthesize various theories, knowledges, practices, and methods in education studies. (S,Y)

Attributes: CP

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 Major - B.A.

### Summary

Code	Title	Credits
	Education Studies B.A. Major Requirements	38
	Integrative Core Curriculum Requirements and Electives <sup>1</sup>	82
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> *This major is approved to fulfill the Integrative Core Curriculum (<https://catalog.ithaca.edu/undergrad/programsaz/integrative-core-curriculum/>) requirement for the Social Sciences Perspective.*

### Degree Requirements

Code	Title	Credits
<b>Core Courses</b>		
EDUC 10000	Education and Society	4
EDUC 21010	Educational Psychology	3
EDUC 34000	Social and Cultural Foundations of Education	3

EDUC 43000	Capstone Seminar in Education Studies	4
EDUC xxxxx	Minimum of 12 additional credits in Education, with at least three credits at the 300-level or above	12
<b>Exploration in Education Studies and Social Justice</b>		
Select at least 12 additional elective credits in EDUC, CSCR, or with the ESE "Education Studies Elective" attribute. At least 3 credits must be at the 300-level or above. <sup>1</sup>		12
<b>Total Credits</b>		<b>38</b>

<sup>1</sup> Some courses with the CSCR prefix or ESE attribute may have prerequisites that the student is responsible for meeting.

## Education Studies Minor

### Minor Requirements

No more than two courses from a student's major may overlap with minor requirements.

Code	Title	Credits
<b>CORE COURSES</b>		
EDUC 21010	Educational Psychology	3
EDUC 34000	Social and Cultural Foundations of Education	3
EDUC xxxxx	Two additional courses in education	4-6
<b>INTERDISCIPLINARY ELECTIVES</b>		
Select at least two additional courses to explore more deeply in the area of social justice and education considered broadly (note: some courses may have additional prerequisites). Courses that can be used to satisfy this requirement are:		6-8
•Any additional EDUC course		
•Any course in the Center for the Study of Race, Culture, and Ethnicity (CSCR)		
•Any course with an ESE "Education Studies Elective" attribute		
Alternative courses appropriate to a student's interest may be substituted as an Interdisciplinary Elective, with advance permission of the program coordinators.		
<b>Total Credits</b>		<b>16-20</b>

## Department of the Environment

### Environmental Science, Bachelor of Science

#### Susan Allen, Professor and Chairperson

Known around the Ithaca College campus as simply "ENVS," the Department of the Environment takes a transdisciplinary approach to the study of human-environment relations. The Bachelor of Science major program in Environmental Science is rooted in cutting-edge research, theory, and practice. Subject matter, methods, and approaches represent a diverse array of current environmental fields. The minor in Environmental and Society is for students majoring in other academic disciplines who wish to build fundamental literacy in environmental studies or apply their disciplinary knowledge and skills to current environmental issues.

ENVS is an ambitious, innovative department in which faculty and students interact closely in the classroom, laboratory, and field. One of the great strengths of the curriculum and its faculty is a focus on hands-on, experiential, or active teaching and learning. Our "living classrooms" include several indoor and outdoor gardens, a 560-acre conservation reserve system, a working sugarbush, a greenhouse, and state-of-the-science lab facilities. Our department takes full advantage of the nationally recognized environmental policy incubator of Ithaca, New York and the ecologically and culturally unique Finger Lakes Region. Many students engage with the local community and broader region through internships and other service-learning experiences.

Students also have the opportunity to work with faculty and design their own projects in a range of study areas. Topics include regenerative agriculture, watershed pollution, tree-ring dating, wildlife tracking, forest carbon dynamics, regional environmental history, aquaponics, archaeology, and non-timber forest and hemp production. In all these projects, and more, students lead the way.

## Majors & Minors

- Environmental Science Major - B.S. (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/departments-environment/environmental-science-major-bs/>)
- Environment and Society Minor (p. 425)

### 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, AN2, LMEL, LMSP, LSCO, SC, SO, TPJ, 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 6 credits. Prerequisites: Sophomore standing and permission of instructor. (F-S)

Attributes: ENRE, UND

1-3 Credits

**ENVS 20200 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: AN2, 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: AN2, ENIN, ENSS, ENVE, ESSS, LAEL, NS, SC, SQ, 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: ENIN, 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, ENIN, ENRE, ENVE

4 Credits

**ENVS 21700 Mammals of the Northeast: Track, Sign, Behavior, and Habitat (LA)**

An in-depth field-based exploration of the natural history of our wild furry neighbors. We will learn to use modern and ancient tools and techniques to find clues and follow the trails of common mammals of the area allowing us to "read" the story of their lives. Along the way we will enrich our understanding by studying details of mammalian ecology, biomechanics, and ecophysiology. In this process we will learn to balance the art (intuitive/narrative) aspects of reading the book of nature with the science (objective/inferential). The lab portion of the class will include extensive time in surrounding natural areas. Prerequisites: ENVS 12000 OR ENVS 12100 OR ENVS 14200. (S)

Attributes: ENVE

4 Credits

**ENVS 22000 Human-Environment Geography (LA)**

This course addresses complex interactions between nature and society from a geographic perspective. The course focuses on theories and methods central to human-environment geography and applies them to the world's most important environmental issues, such as climate change, deforestation, sustainable agriculture, cities, land and water conservation, and globalization. Coursework includes literature review, project design, concept diagramming, cartography (mapping), and quantitative data analysis to address geographic questions of central relevance to sustainability. (S,Y)

Attributes: ABSS, AN1, AN3, ENVE

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. 4 credits. (F,Y)

Attributes: ABSS, ENIN

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. RLST 23500 and ENVS 23500 are cross-listed courses. Prerequisites: One three-credit course in the liberal arts. (E)

Attributes: ABSS, AN2, ENHU, ENVE, 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, ENIN, ENSS, ENVE, 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 higher, math placement assessment score of 54 or greater, 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, ENVE

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, and the environment as a whole are explored. Also taken up are ethical issues raised by global climate change, such as our obligations to future generations, and how to resolve tensions between economic growth and environmental protection. 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? ENVS 25200 and PHIL 25200 are cross-listed courses; students cannot receive credit for both. Prerequisites: One 3-4 credit liberal arts course. (Y)

Attributes: ABSS, AN2, AN3, HM, LMEL, LSCO, TPJ, TQSF

4 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, AN2, ENHU, ENVE, 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. Students cannot receive credit for both HIST 27000 and ENVS 27000. (Y)

Attributes: ABSS, AN2, ENHU, ENVE, ESHI, ESHU, HI2, HM, LMEL, LSCO, SL, TQSF

4 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). Students cannot take both HIST 27100 and ENVS 27100 for credit. (IRR)

Attributes: ABSS, AN2, ENHU, ENVE, ESHI, ESHU, HI3, HM, LMEL, LSCO  
4 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 economic analysis of climate change. Topics include the relationship between economic activity and climate change, economic analysis of climate change mitigation and adaption strategies, and economic analysis of environmental policy in both the United States and the international community. ENVS 28100 and ECON 28100 are cross-listed courses. Prerequisites: ECON 12000. (IRR)

Attributes: AN2, ENSS, ENVE, ESSS, SS  
4 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 problem framing, literature review, critical thinking, experimental design, and methods of scientific inquiry. Quantitative literacy concepts such as estimation, measurement, and probability are covered. How to manage large data sets, make graphs, and execute statistical tests are addressed. Focus is on data analysis leading to objective decision making and policy formulation. Issues such as resource use, environmental impact, demographics, disease, pollution, biodiversity, and climate change are examined. Highly recommended for students interested in scientific research. Prerequisites: ENVS 12100. (S,Y)

Attributes: ENRE, QL  
4 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 6 credits. (F,S,Y)

1-3 Credits

**ENVS 33100 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: ENIN, ENSS, ENVE, 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 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: ENIN, ENRE, ENVE, 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 2 credits when topics vary. (F,Y)

Attributes: ENIN, 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: ENIN, ENVE, 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: ENIN, ESTS  
4 Credits

**ENVS 36000 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, ENIN, ENVE, ESHU, 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. Cross-listed with POLT 36600; students cannot receive credit for POLT 36600. (Y)

Attributes: ABSS, ENSS, ENVE, ESPE, LMEL, LSCO

4 Credits

**ENVS 38000-38002 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: ENIN, ENSS, ENVE, 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)

Attributes: ENRE

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. 1-12 credits. (F-S,Y)

1-12 Credits

**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

## Environment and Society Minor

### Requirements

Code	Title	Credits
ENVS xxxxx	At least five ENVS courses, as follows:	15-20
•three courses may be at any level		
•two courses must be at the 200-level or above.		

<b>Total Credits</b>	<b>15-20</b>
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## Department of History

### Bachelor of Arts

#### Matthew Klemm, *Associate Professor and 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/departments/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. 436)
- History Minor (p. 437)

### 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: CSA, HM, 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: DV, ESE, HM, TIDE, TPJ  
4 Credits

### HIST 11100 Founding a Nation: United States History to 1877 (LA)

A survey of United States history from the colonial period through 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. (IRR) Attributes: HM, TPJ  
4 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, 1450-2000 (LA)**

Course about individuals who are traditionally 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. (Y)

Attributes: DV, HM, TIDE, TPJ, WGS, WGSII

4 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. Not open to seniors. (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 Becoming Global: The World to 1500 (LA)**

Traces the development of key social, cultural and political developments that emerge in ancient and premodern societies across the globe. The course is both chronological and thematic and explores how a broad range of early societies dealt with certain key questions in human history, including hierarchy and social structures, identity, authority, and cultural encounter. Students may not receive credit for both HIST 18100 and HIST 10100. Not open to seniors except by permission of instructor. (Y)

Attributes: HM, TIDE, TPJ

4 Credits

**HIST 18200 How Did We Get Here? The Making of the Modern World (LA)**

This course examines the history of the modern world, defined as the period after 1500, with an emphasis on the operation of imperial power, nationalist resistance, revolution, the emergence of nation-states, and the development of global inequality. Students may not receive credit for both HIST 18200 and HIST 10200. Not open to seniors except by permission of instructor. (Y)

Attributes: HM, TIDE, TPJ

4 Credits

**HIST 18400 The Islands: Caribbean History 1492 to the 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 18500-18501 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 credit for a total of three credits for selected topics on different subjects. (IRR)

Attributes: HU

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 21200 Rights and Wrongs: The History of American Law (LA)**

Explores the Constitution and the history of its interpretation (rights) and how our legal system, both criminal and in terms of those constitutional rights, has so often fallen short of our ideals (wrongs). Considering concrete examples drawn from the legal system, from the explosive growth of American prison populations, to shifting interpretations of constitutional protections related to privacy, the right to bear arms, and race and gender, students gain a deeper understanding of U.S. law as a human construct that is changeable, fallible, and correctable. (IRR)

Attributes: LMEL, LSCO

4 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. (IRR)

Attributes: HI1, HM, INBG, TIDE, TWOS

4 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. (IRR)

Attributes: AACH, AASE, HI3

4 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

4 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: From the Time of 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, HI3, HIPM, RPRE, RSEA

4 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, TWOS

4 Credits

**HIST 22900 Medicine and Magic in the Middle Ages (LA)**

Examines a variety of aspects of medical and magical theory and practice in the medieval Mediterranean world, ca. 750-1350. Looks at the transmission of practices and ideas throughout the Mediterranean, including texts originating in the most significant medical centers during this period – Baghdad, Alexandria, Constantinople, Toledo, Bologna, and Salerno – and written in Greek, Hebrew, Arabic, Latin, and more local languages. Among other topics, it considers medical theory, surgical practice, daily regimens, origins of hospitals, and responses to epidemic. Examines how magic and astrology are often inseparable from medicine in this period. This course counts toward the Premodern, Global, or European requirement for history department majors. (IRR)

Attributes: HI1, HI3, HIPM

4 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 the Premodern, European, or Global area requirement for the history major. (IRR)

Attributes: HI1, HI3, HIPM, HM, RSEA, TIII

4 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 Premodern or European requirement for History Department Majors. (IRR)

Attributes: CSA, HI1, HIPM, WGS, WGSC

4 Credits

**HIST 23200 Medieval Civilization (LA)**

Focuses on the political, religious, and cultural developments in the medieval European and Mediterranean world, c. 300-1400. We will survey the events of this long span of time, and we will also focus in particular on the mentalities—the ways people understood themselves and the world—that characterize the Middle Ages. This course counts toward the Premodern or European requirement for history department majors. (IRR)

Attributes: HI1, HIPM

4 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. (IRR)

Attributes: HI3, HIPM, HM, LAEL, LAGC, LXME, NASE, RPRE, TIDE, TPJ

4 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. (F,S,Y)

Attributes: HI3, HM, INBG, LAEL, LXME, NASE, RPRE, TIDE, TPJ

4 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: HI2, HM, LMEL, LSCO, RSEA, TMBS, TWOS, WGS, WGSC

4 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 and Reconstruction (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; the imprint of war; the African-American family in freedom; Reconstruction; and the Rise of the New South. This course counts toward the U.S. history requirement for history department majors. (F,Y)

Attributes: DV, HI2, HM, LMEL, LSCO, TIDE, TPJ

4 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. (IRR)  
 Attributes: ADSE, DV, ESE, HI2, LMEL, LSCO, RPPE  
 4 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. Students cannot receive credit for both HIST 27000 and ENVS 27000. (Y)  
 Attributes: ABSS, AN2, ENHU, ENVE, ESHI, ESHU, HI2, HM, LMEL, LSCO, SL, TQSF  
 4 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). Students cannot take both HIST 27100 and ENVS 27100 for credit. (IRR)  
 Attributes: ABSS, AN2, ENHU, ENVE, ESHI, ESHU, HI3, HM, LMEL, LSCO  
 4 Credits

**HIST 27200 History of the Future (LA)**

An examination of historical perceptions and visions of the future across time and place. Utopian thought and societies, science and technology, war and peace, the environment, and gender relations are the historical themes explored. (IRR)  
 Attributes: 1, ENHU, ENVE, ESHU, H, HI1, HI2, HM, HU, TIDE, TQSF  
 4 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. Applies 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. (IRR)  
 Attributes: AASE, ADSE, HI3, HM, INBG, LXME, NASE, TPJ, TWOS  
 4 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. (IRR)

Attributes: HI2, HM, TIDE

4 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)**

Examines the rise of nationalism and the nation-state in the wake of the French Revolution. Topics discussed include the rise of national and independence movements in the early 19th century as well as national unifications in the late 19th century. Particular attention paid to European nations' shifting processes of inclusion and exclusion in the 19th century. This course counts towards the European History requirement for department majors. (IRR)

Attributes: HI1

4 Credits

**HIST 28200 Dictatorships and Democracies in 20th Century Europe (LA)**

An examination of economic, social, and political events in Europe in the 20th century. Focuses on why a few countries maintained viable democracies while most others succumbed to dictatorships. Special attention given to the treatment of minority populations in democracies and dictatorships. This course counts towards the European History requirement for department majors. (IRR)

Attributes: HI1, HM, TIDE, TPJ

4 Credits

**HIST 28300 Society and Sovereignty in French History, 1550-1815 (LA)**

Examines political, cultural, and social transformations in France. Focuses on the French Wars of Religion (1562-1598), absolutism, the Enlightenment, and the Revolutionary and Napoleonic eras. Special attention is given to changes in governance, social institutions, and human rights. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)

Attributes: HIPM, HM, LMEL, LSCO, TPJ, WI

4 Credits

**HIST 28400 Microhistories: Gender, Religion, and Agency in Europe, 1350-1870 (LA)**

Focuses on microhistories, a type of historical writing that examines an individual's life in connection with larger social, political, and cultural issues. Explores themes of religion, gender, and sexuality in early modern Europe. Readings cover individuals who would typically be left out of traditional historical narratives (e.g., women, LGBTQ+ individuals, and people of the lower and middling classes). This course counts towards the European History requirement for History Department majors.

Prerequisites: WRTG 10600, ICSM 10800, ICSM 11800. (IRR)

Attributes: HI1, HIPM, RSEA, WGS, WGSC, WI

4 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, ICSM 10800, or ICSM 11800. (IRR)

Attributes: HI2, LMEL, LSCO, WI

4 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 30100 Renaissance and Reformation Europe (LA)**

Consideration of the major trends in European history between 1350 and 1660, including Renaissance culture and Humanism, the Protestant Reformation, Tudor/Stuart England, and the Wars of Religion. This course counts toward the European requirement for history department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: HI1, HIPM, RSEA

4 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: HI1, HIPM

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, HIPM

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, 1789-1914 (LA)**

This course traces the development of the United States over the "long 19th century," from 1789 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: One 200-level HIST course. (IRR)

Attributes: HI2

4 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 200-level HIST course. (IRR)

Attributes: HI2

4 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, with particular focus on 1945-1991. 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 distribution requirement for history department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: HI2

4 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 200-level HIST course. (IRR)

Attributes: HI1, INBG

4 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 34700 Mughal India (LA)**

Examines major aspects of the Mughal Empire as a diverse, multi-ethnic and multi-religious state. Topics include a history of the empire, Mughal relations with world powers, Mughal arts and literature, the role of women in the empire, and the nature of cultural mixture in the encounter between the Mughals and various groups on the subcontinent, both Indian and English. This course counts towards the Global History requirement for History majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: HI3

4 Credits

**HIST 34800 The Ottoman World (LA)**

Surveys major aspects of the Ottoman Empire, including the history of the empire, Ottoman political and commercial culture and relations with other world powers, religious culture, art, architecture, literature and music of the Ottoman period. The empire is treated as a case study of a diverse, multi-ethnic and multi-religious state composed of aspects of the earlier Byzantine Christian and Jewish cultures with Turkic and Islamic cultural elements. Addresses long-term issues of cultural interaction and diversity, and shapes a discussion on the ways that diverse cultures have negotiated their relationships over time. This course counts towards the Global History requirement for history department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: HI3

4 Credits

**HIST 35000 Conversion of Rome: Cultural Transformation in the Late Antique Mediterranean (LA)**

Explores the fall of the Roman Empire and the rise of Christianity. Covers the historical context of the late empire and examines several aspects of culture individually, including attitudes towards political power, marriage and sexuality, military service, education, and care of the dead. Counts toward either the European or the Premodern requirement for history department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: HI1, HIPM

4 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)**

Focuses on the "High Middle Ages" (roughly 1100-1350) in Europe, especially France and Italy, 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 Premodern requirement for history department majors. Prerequisites: one 200-level HIST course. (IRR)

Attributes: HI1, HI3, HIPM, RSEA

4 Credits

**HIST 35300 Religion, Politics, and Culture in Ancient Greece, 550-350 BC (LA)**

Focuses primarily on Athenian and Spartan culture in the period from the generation before the wars with Persia until the aftermath of the war between Athens and Sparta. Alongside the prolific political and cultural changes of this period, which are often seen through a modern, secular, perspective, we consider the enduring place of myth and religion in the lives of the Greeks. This course counts toward the Premodern or European requirement for history department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: CSA, HI1, HIPM

4 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 200-level HIST course. (IRR)

Attributes: GERM, HI1

4 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 200-level HIST course. (IRR)

Attributes: GERM, HI1

4 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 200-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. (IRR)

Attributes: HI2, WI

4 Credits

**HIST 37000 Slavery and the Old South, 1607-1877 (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, this course's focus will be on the development of the South as a conscious minority during the antebellum era; the lives of the enslaved; the death of the Old South as a result of war; the abolition of slavery; and Reconstruction and its end in 1877. This course counts toward the U.S. requirement for history department majors. Prerequisites: One 200-level HIST course. (S,IRR)

Attributes: ADCH, ADSE, HI2, RPPE

4 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: One 200-level HIST course. (IRR)

Attributes: HI2

4 Credits

**HIST 38000 A Global History of Lies: Rumors, Conspiracy Theories, and Hoaxes (LA)**

Considers how a confluence of technological, economic, political and social forces have reshaped the contours and possibilities of misinformation and disinformation and their role in the development of rumors, conspiracy theories, and hoaxes. Focusing on Europe, the United States, and Latin America, we will trace the arc of conspiratorial thinking and rumors from the European Wars of Religion to the era of Trump, Putin, Bolsonaro, Orban, and Erdogan. This course counts toward the global requirement for department majors. Prerequisites: One 200-level HIST course. (IRR)

Attributes: HI3, LAEL

4 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 200-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, 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. (IRR)

Attributes: HI3, LAEL, LSCH, LXME, RPRE, WGS, WGSC  
4 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 45000 History Seminar and Capstone (LA)**

Intensive reading, research, and writing seminar focused on a particular historical theme, culminating in a significant research paper. Also provides a capstone experience for History Majors. Students reflect upon their learning in the various components of the ICC and 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. Themes and instructors vary each semester. Prerequisites: One 300-level History course and WRTG 10600 or ICSM 10800. (F,S)

Attributes: CP, WI  
4 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 6 credits 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.**

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

**Summary**

Code	Title	Credits
History B.A. Major Requirements		40-48
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		72-80
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> *This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Humanities perspective.*

**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
<b>CORE COURSE</b>		
HIST 45000	History Seminar and Capstone	4
<b>ADDITIONAL HISTORY COURSES</b>		<b>36</b>
History majors must complete an additional 36 credits in history that meet the following criteria:		
At least 4 credits, and no more than 12 credits, at the 100-level		
At least 12 credits at the 300-level		
At least 4 credits in premodern history at the 200-level or above		
At least 4 credits in global history at the 200-level or above		
<b>FOREIGN LANGUAGE PROFICIENCY</b>		

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 10100 and 10200; 2) placing into and taking 10200; or 3) taking the proficiency exam and testing into 20000 or above, in which case the requirement is met and no additional foreign language credits are required.

0-8

Language courses taken in the Department of World Languages, Literatures and Cultures 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** **40-48**

## History Minor

Up to three (3) credits of Advanced Placement credit may count toward the minor.

### Requirements

Code	Title	Credits
HIST xxxxx	20 credits in history satisfying the following criteria:	20
•at least 4 credits and no more than 8 credits at the 100-level		
•at least 8 credits at the 300-level or above		
<b>Total Credits</b>		<b>20</b>

## Integrative Studies

### Bachelor of Arts, Bachelor of Science

The Integrative Studies Program gives motivated students the opportunity to design their own cross-disciplinary major that falls outside the usual range of offerings. It is ideal for students who are focused on a professional goal that demands a creative academic path and/or who are interested in complex problems that are best answered from multiple disciplinary perspectives. In their final year, students are required to complete a senior project which are as diverse as the majors themselves. Majors may complete a community-based internship, an applied project, or a traditional academic research project in either an independent study or an upper-level course relevant to their plan of study. Students are required to register for the senior project by completing the appropriate Learning Contract and will present their final project as part of their Integrative Studies Capstone.

Students with a minimum 3.0 GPA can apply to the Integrative Studies Major after accruing 45 credits. 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.

During the application process, students are expected to seek a faculty mentor with relevant professional and academic interests who can advise on the student's educational goals, help select the courses in the

student's plan, and write a letter of support for the student's proposed plan of study as part of the admission process.

Each semester, the Integrative Studies Advisory Committee reviews applications and recommends them for approval to the Dean. Relevant forms and other information can be found on the Integrative Studies Program webpage (<https://www.ithaca.edu/academics/school-humanities-and-sciences/integrative-studies/>).

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 reviewed by the faculty advisor and the Integrative Studies Coordinator, and approved by the Associate Dean, in advance.

## Majors

- Integrative Studies, B.A. (p. 437)
- Integrative Studies, B.S. (p. 438)

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.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Integrative Studies B.A. Major Requirements		48-61
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		59-72
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is not approved to fulfill a perspective course for the Integrative Core Curriculum (p. 269).

## Degree Requirements

Code	Title	Credits
<b>Integrative Studies Senior Requirement</b>		
INST 40000	Integrative Studies Capstone	1
<b>Senior Project</b>		



All Integrative Studies majors must complete a senior project. The project can be pursued in the context of an existing upper-level course based in a department, or students can enroll in an INST individualized study project course and design an independent project, whether inquiry-based research, an applied project, or an internship, guided by a faculty member. The faculty adviser and/or program coordinator review and approve the plan for the senior project in the semester before the student registers for the appropriate course. Select one of the following:		3-4
INST 49000	Senior Project: Internship	
INST 49100	Senior Project: Independent Study	
INST 49200	Senior Project: Applied Independent Study	
xxxxx: Pre-approved upper-level course in a department		
<b>Individualized Plan of Study</b>		
Students select courses based on the goals of their approved plan of study. These courses must include at least 44 credits and no more than 56 credits of additional courses (excluding the INST capstone and senior project course) drawn from departments across the College, as follows:		44-56
1) at least 12 credits must be at the 300-level or above, not counting courses taken to satisfy the Senior Requirement;		
2) no more than 12 credits may be at 100-level;		
(3) at least three distinct subject prefixes must be included.		
<b>Total Credits</b>		<b>48-61</b>

## Integrative Studies, B.S.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

### Summary

Code	Title	Credits
Integrative Studies B.S. Major Requirements		48-61
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		59-72
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is not approved to fulfill a perspective course for the Integrative Core Curriculum (p. 269).

### Degree Requirements

Code	Title	Credits
<b>Integrative Studies Senior Requirement</b>		
INST 40000	Integrative Studies Capstone	1
<b>Senior Project</b>		

All Integrative Studies majors must complete a senior project. The project can be pursued in the context of an existing upper-level course based in a department, or students can enroll in an INST individualized study project course and design an independent project, whether inquiry-based research, an applied project, or an internship, guided by a faculty member. The faculty adviser and/or program coordinator review and approve the plan for the senior project in the semester before the student registers for the appropriate course. Select one of the following:		3-4
INST 49000	Senior Project: Internship	
INST 49100	Senior Project: Independent Study	
INST 49200	Senior Project: Applied Independent Study	
xxxxx: Pre-approved upper-level course in a department		
<b>Individualized Plan of Study</b>		
Students select courses based on the goals of their approved plan of study. These courses must include at least 44 credits and no more than 56 credits of additional courses (excluding the INST capstone and senior project course) drawn from departments across the College, as follows:		44-56
1) at least 12 credits must be at the 300-level or above, not counting courses taken to satisfy the Senior Requirement;		
2) no more than 12 credits may be at 100-level;		
(3) at least three distinct subject prefixes must be included.		
<b>Total Credits</b>		<b>48-61</b>

## Legal Studies

**Bachelor of Arts**  
**Michael Trotti, Professor, Department of History, and Coordinator of Legal Studies**

Legal Studies is an interdisciplinary program that integrates critical and philosophical perspectives rooted in the liberal arts with practical and policy components. The Legal Studies program draws on courses offered by faculty from across the School of Humanities and Sciences, especially in the departments of politics, philosophy/religion, and sociology, as well as courses offered by faculty in the professional schools. Legal Studies majors and minors grapple with broad-reaching legal, constitutional, and social policy questions, especially those related to individual and communal rights, personal liberty, social justice and equality of opportunity, economic redistribution, and political representation, while paying close attention to the historical, theoretical, critical, and cultural foundations of law and policy.

The program 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 range of professional fields, and many enter the workforce directly, sometimes deferring graduate school decisions. Law itself is a broad and diverse

field, and the program provides students a solid theoretical grounding in the historical, theoretical, critical, and cultural foundations of law and policy while exposing them to a variety of areas of the discipline.

## Majors & Minors

- Legal Studies - B.A. (p. 439)
- Legal Studies Minor (p. 440)

### LGST 10100 Foundations in Law and Justice (LA)

Provides a critical, interdisciplinary, and comparative overview of the concepts of law and legality broadly defined. Illustrates how law and legal regimes are inextricably bound up with political, historical, economic, and sociocultural forces. By focusing on the dynamic relationship between law, justice, and power, the course looks at the ways that law can be used as a tool of social control, as well as ways that law can be employed as a site of resistance from which to produce social change. Law – and the links between law and justice – are examined in the national (American) and international or global contexts. The course is aimed at all students interested in questions of power, justice, governance, and society. LGST 10100 is required of all Legal Studies majors and minors. (FY)

Attributes: AN3  
4 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, ENVE, 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, ENVE, ESPE, LMAL, LMEL  
3 Credits

### LGST 32300 Legal Research Seminar: Investigating Law and Justice 'on the Ground' (LA)

Teaches students the fundamentals of qualitative social science research, with the aim of examining questions of law and legality, broadly defined. After providing a broad overview of qualitative research as conceived through the lens of social science – and a brief examination of the particular qualitative methods of [participant] observation and interviewing – the course turns to an empirical and qualitative examination of a series of interdisciplinary research studies on topics related to law and justice. This course is required for all Legal Studies majors. Prerequisites: LGST 10100. (Y)

Attributes: LMAL, LMEL  
4 Credits

### LGST 32410 Human Rights & Genocide (LA)

The course examines some of the key debates within the field of human rights, including debates between universalism and cultural relativity, and between individual and collective rights. It also looks at some of the main critiques of human rights: Does it matter if there is an international human rights regime if human rights are not enforced? In what ways can human rights be considered a colonialist enterprise? The course focuses in particular on the crime of genocide and attempts by individuals and groups to recover or seek justice in the wake of genocidal-type violence. Course is cross-listed with POLT 32410; students cannot earn credit for POLT 32410. Prerequisites: One 100-level LGST or POLT course. (S,Y)  
4 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 eight credits when topics vary. Prerequisites: One LGST course at 100-level or above. (Y)

Attributes: AN3, LSAP  
1-8 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

## Legal Studies - B.A.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

Summary

Code	Title	Credits
Major Requirements		37-40
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		81-83
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Social Sciences perspective.

## Degree Requirements

Code	Title	Credits
<b>CORE COURSES</b>		
LGST 10100	Foundations in Law and Justice	4
SOCI 20300	Juvenile Delinquency	4
or SOCI 21400	Definitions of Normality	
TVR 31300	Topics in Media Law and Policy	2-4
or GBUS 20300	Business Law I	
PHIL 26500	Philosophical Problems in Law	4
POLT 30300	Constitutional Law: Civil Rights and Liberties	3-4
or POLT 31000	Supreme Court in U.S. Politics	
LGST 32300	Legal Research Seminar: Investigating Law and Justice 'on the Ground'	4
Select 4 credits from the following courses on diversity and law:		4
CSCR 22200	Japanese Americans and Mass Incarceration	
CSCR 23700	Policing the Borderlands: Power, Policy, and Justice	
SOCI 20700	Race and Ethnicity	
SOCI 32500	Race, Class, Gender and Sexuality	
<b>Legal Studies Electives</b>		
Select 12 additional credits in courses designed with attribute LSCO, including at least 4 credits at the 300-level or above <sup>1</sup>		12
<b>Total Credits</b>		<b>37-40</b>

<sup>1</sup> Courses designated with a Legal Studies Electives attribute may have additional prerequisites that the student is responsible for meeting.

## 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
<b>Core Courses</b>		
LGST 10100	Foundations in Law and Justice	4
LGST 3xxxx	One LGST course at the 300-level	4
Select 10-12 credits from:		10-12
SOCI 20300	Juvenile Delinquency	
or SOCI 21400	Definitions of Normality	
PHIL 26500	Philosophical Problems in Law	
POLT 30300	Constitutional Law: Civil Rights and Liberties	
or POLT 31000	Supreme Court in U.S. Politics	
GBUS 20300	Business Law I	
or TVR 31300	Topics in Media Law and Policy	
CSCR 23700	Policing the Borderlands: Power, Policy, and Justice	
or CSCR 22200	Japanese Americans and Mass Incarceration	
<b>Total Credits</b>		<b>18-20</b>

## 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 18<sup>th</sup> 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/departments/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. 447)
- English Minor (p. 447)

### 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, DLIT, 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, HM, HU, TIDE

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 and development of skills in literary analysis and writing. (F,S,Y)

Attributes: CA, HM, TIDE, TIII

4 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 and development of skills in literary analysis and writing. Recommended for beginning English majors. (F,S,Y)

Attributes: CA, HM, TIDE, TIII

4 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. Emphasis placed on class participation and development of skills in literary analysis and writing. (Y)

Attributes: DV, ESE, HM, TIDE, TPJ, WGS, WGSC

4 Credits

### ENGL 18300 Engendering Modernity (LA)

Introductory study of representations of gender and gendered identity in modern and contemporary novels and poetry, with an emphasis placed on class participation and development of skills in literary analysis and writing. (Y)

Attributes: DV, HM, TIDE, WGS

4 Credits

### ENGL 18400 Faking It: Reality Hunger in the Age of Fake News and Artificial Intelligence (LA)

Introductory study of “truth” and “falsehood” in fiction and poetry of the 20th and 21st centuries, and of the challenges associated with articulating an “authentic” identity in the era of the deep fake. Attention devoted specifically to the ways in which forgery illustrates aspects of the relationship between aesthetics and ethics. Emphasis on class participation and development of skills in literary analysis and writing. (Y)

Attributes: HM, TWOS

4 Credits

### ENGL 18500 Earth Works: Literature and the Environment (LA)

Study of essays, stories, novels, and poems from the last 100 years engaging with the representations of nature and the environment. Course focuses on the cultural, historical, and political constructions of nature, and how these impact environmental thinking and behavior. Emphasis placed on class participation and development of skills in literary analysis and writing. (IRR)

Attributes: HM, TMBS, TQSF

4 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. Additional emphasis on the development of skills in literary analysis and analytical writing. (Y)

Attributes: HM, TIDE, TMBS, WGS, WGSC

4 Credits



**ENGL 19409 Mysterious Muddles and Commonplace Crime: Gothic Novels and Detective Fiction (LA)**

Focuses on the parallel between reading fiction and detecting the "truth" by seeing how Gothic and detective novels gradually reveal plot and character through clues, hints, and symbols. Exploration of how the interpretation of those clues can be affected by the reader's own perspective, emotions, and biases. Emphasis placed on class participation and development of skills in literary analysis and writing. (IRR)

Attributes: HM, TIII  
4 Credits

**ENGL 19412 Banned Books and Censorship Trials: Obscenity in the 20th Century (LA)**

Study of twentieth-century understandings of the role literature plays in perceptions of obscenity and the ways in which literary culture shaped and was shaped by popular, philosophical, and legal notions of "the obscene." Readings include Wilde's *The Picture of Dorian Gray*, Nabokov's *Lolita*, and Lawrence's *Lady Chatterly's Lover*. (IRR)

Attributes: HM, TIDE, TIII  
4 Credits

**ENGL 19413 Vampire Literature (LA)**

Introductory survey of the cultural figure of the vampire in novels, short stories, and visual media. Examines material that dates from the middle ages to the present day in order to investigate the cultural persistence of vampires and their role as catalysts for developments in thinking about religion, sexuality, and individual identity. Emphasis placed on class participation and development of skills in literary analysis and writing. (IRR)

Attributes: HM, TIDE, TMBS, WGS, WGSC  
4 Credits

**ENGL 19414 Introduction to Asian American Literature (LA)**

Introductory survey of Asian American literature. Examines a broad range of Asian American literary works with particular attention to issues of immigration, generational conflict, and identity formation. Includes works by such authors as Victoria Chang, Celeste Ng, and Nina Revoyr. Additional emphasis on the development of skills in literary analysis and analytical writing. (IRR)

Attributes: AASE, DV, HM, RPRE, TIDE  
4 Credits

**ENGL 19418 What is the Contemporary? A Study of Genre (LA)**

Introductory study of global literary genres from 1970 to the present. Additional emphasis on the development of skills in literary analysis and analytical writing. (F,S,Y)

Attributes: HM, TIDE, TIII  
4 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 non-majors on a space-available basis. Prerequisites: One course in English and WRTG 10600, ICSM 10800, or ICSM 11800. (S,Y)

4 Credits

**ENGL 21000 The Literature of Horror (LA)**

Survey of horror literature and related media from the genre's 17th-century origins through to the present day. Prerequisites: One LA course. (F,O,S)

Attributes: E20A  
4 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)**

Study of novels, stories, and films from the last 120 years engaging with the subjects of science and technology and their impacts on human culture in general. Course highlights the political and ideological aspects of the literature, and their connection to recurring themes in modern society. Prerequisites: One LA course. (IRR)

Attributes: 3A, E20A, HU  
4 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 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: WRTG 10600, ICSM 10800, or ICSM 11800. (F,S,Y)

Attributes: 3A, DLIT, E20A, HU, WI  
3 Credits

**ENGL 21900 Shakespeare (LA)**

Study of a variety of Shakespeare's 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. Also offered through the London Center. Prerequisites: One LA course. (F,S,Y)

Attributes: CSA, DLIT, EP19, HM, TIDE, TIII  
4 Credits

**ENGL 22000 Black Women Writers (LA)**

Survey of the works of black women writers from the eighteenth century to the present. Prerequisites: One LA course. (F,S,Y)

Attributes: ADCH, ADSE, DV, E20A, ERGC, ESE, RPRE, WGS  
4 Credits

**ENGL 22100 Survey of African American Literature (LA)**

A study of African American literature from 1700 to the present. Prerequisites: One LA course. (F,S,Y)

Attributes: ADCH, ADSE, DV, E20A, EP19, ERGC, ESE, RPRE, WGS, WGS  
4 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: CSA, EP19, HU

3 Credits

**ENGL 23200 Medieval Literature (LA)**

Survey of literature written between c. 800 and c. 1500 CE, primarily in the British Isles. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (F,S,Y)

Attributes: CSA, EP19, WI

4 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

4 Credits

**ENGL 26100 Holocaust Literature and Film: From Auschwitz to the Americas (LA)**

Taught in English, this course examines holocaust representation in literature and film, and the Jewish diaspora in Latin America. Class preparation and discussion will explore the power of narration to express the human capacity for resistance and resilience. This course does not satisfy language proficiency requirements in majors. Prerequisites: One course in the Liberal Arts. (IRR)

Attributes: CTE, HM, JWST, LAEL, TIDE, WGS

4 Credits

**ENGL 26601 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

4 Credits

**ENGL 27100 Renaissance Literature (LA)**

Major trends in English literature from the early 16th century through Milton and their continental backgrounds in Renaissance Italy, France, and Spain. Emphasis on Elizabethan and Jacobean drama. Prerequisites: WRTG 106000 or ICSM 10800. (F,S,Y)

Attributes: CSA, EP19, WI

4 Credits

**ENGL 27200 The Enlightenment (1660-1770) (LA)**

A survey of primarily British and Anglophone literary works from the late seventeenth to the early nineteenth century. Prerequisites: One LA course. (F,S,Y)

Attributes: EP19

4 Credits

**ENGL 27800 Jane Austen and Her Contemporaries (LA)**

Study of Austen's novels, letters, and other writings, alongside those of other contemporary poets and novelists. Particular focus on literary representations of women's lives, and women's attitudes toward the transatlantic slave trade. Prerequisites: One LA course. (Y)

Attributes: ERGC, WGS, WGSC

4 Credits

**ENGL 27900 Introduction to Latino/a/x Literature (LA)**

Examines canonical literary texts produced by and about Latino groups in the United States. Class discussion and preparation will explore the historically changing ways in which, from the 19th century onward, various Latino communities have imagined their identities both within and across the national borders of the United States and Latin America. Taught in English. This course does not count towards language proficiency requirements in majors. Prerequisites: One course in the liberal arts. (IRR)

Attributes: LAEL, LXME

4 Credits

**ENGL 28100 Romantic-Victorian Literature (LA)**

British writing from the late eighteenth to the early twentieth century, chiefly Romantic poetry and the Victorian novel. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (F,S,Y)

Attributes: EP19, GERM, WI

4 Credits

**ENGL 28500 Queer Literature (LA)**

Survey of key works of lesbian, gay, bisexual, transgender, and queer literature, as well as of key debates in queer literary studies. Prerequisites: One three to four credit Liberal Arts course. (S)

Attributes: DV, E20A, ERGC, ESE, WGS, WGSJ

4 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. 1-3 credits. (IRR)

Attributes: HU

1-3 Credits

**ENGL 31100 Dramatic Literature I (LA)**

Studies in dramatic literature prior to 1900. Prerequisites: Three LA courses in ENGL or THEA; WRTG 10600 or ICSM 10800 or ICSM 11800. (F,Y)

Attributes: CSA, DLIT, EP19, WI

4 Credits

**ENGL 31200 Dramatic Literature II (LA)**

Studies in modern drama. Prerequisites: Three LA courses in ENGL or THEA; WRTG 10600 or ICSM 10800 or ICSM 11800. (S,Y)

Attributes: DLIT, E20A, WGS, WGSJ, WI

4 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)**

Major works of American literature from the 18th and 19th centuries. Prerequisites: 3 courses in ENGL; WRTG 10600, ICSM 10800, or ICSM 11800. (F or S,Y)  
Attributes: EP19, WI  
4 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: EP19, 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: EP19, 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: EP19, 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 6 credits. Prerequisites: Three three-credit Liberal Arts courses. (Y)  
Attributes: ESE, 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: EP19, 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 eight credits. Prerequisites: Three English courses. (F,S,Y)  
Attributes: RPPE  
4 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: DLIT, ERGC, 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, ERGC, HU, LXME, NASE, RPRE, WGS, WGS3, WGSJ  
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, ERGC, HU, RPRE  
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 English drama after Shakespeare and the London background of the Jacobean and early Caroline periods. Readings from Carey, Fletcher, Ford, Jonson, Marlowe, Middleton, and Webster. Also offered through the London Center. Prerequisites: ENGL 21900 or ENGL 27100. (F,O,S)

Attributes: CSA, DLIT  
4 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)**

Offers an introduction to the twentieth-century British novel. Charts the massive social and intellectual dislocations of the twentieth century and examines the ways in which the social, political, and cultural events of British history have shaped the production and reception of modern and contemporary British novels. Prerequisites: Three ENGL courses. (F,S,Y)

Attributes: E20A  
4 Credits

**ENGL 38000-38003 Studies in World Literature (LA)**

Studies in world literature, with a focus on cultures outside of the Anglo-American traditions. This course may be repeated once for credit when topics vary for a total of eight credits. Prerequisites: Three ENGL courses. (F,S,Y)

Attributes: E20A, ERGC  
4 Credits

**ENGL 38200-38203 Studies in Modern Literature (LA)**

Studies in 20th-century Anglophone and related literatures. Concentration may be on a theme, a genre, a particular author or group of authors, etc. Prerequisites: Three ENGL courses. (IRR)

Attributes: E20A  
4 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: ESE, HU  
3 Credits

**ENGL 38800 Feminist Fiction and Poetry (LA)**

Novels, short stories, and poems associated with second-wave feminist thinking. Prerequisites: 3 ENGL courses. (S)

Attributes: WGSJ  
4 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 39200 Latino/a/x Literatures: Narratives of Displacement and Belonging (LA)**

This course delves deeply into questions of travel, migration, exile, displacement and belonging in Latino/a/x literature and features expressions of the intersectionalities of Latino/a/x identities in the United States. The texts chosen for this class will grapple with these overarching themes, while traversing the interstices of Latino/a/x identities that confront such issues as racism, colorism, sexuality, and gender. Taught in English. This course does not count towards language proficiency requirements in majors. Prerequisites: Three courses in the liberal arts. (IRR)

Attributes: CTE, DV, LAEL, LSCH, LXME, RPRE, WGS3, WGSJ  
4 Credits

**ENGL 39400 Sport in Film and Literature (LA)**

Investigation of the sociocultural and mythic dimensions of contemporary sport as represented in selected films and fiction.

Prerequisites: SPME 29700. (S,Y)

Attributes: MAP  
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)**

Seminar examining advanced topics in literatures written between 500 and 1500 CE, chiefly in Britain. Open to upper-level English majors and to other upper-level students with permission of instructor. Prerequisites: 4 courses in ENGL. (F,S,Y)

Attributes: EP19  
4 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: DLIT, EP19, 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: EP19, 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. This course may be repeated twice for credit when topics vary for a total of twelve credits. Prerequisites: Three 3-4 credit English courses, at least two of which are at 200-level or above. (F,S,Y)

Attributes: E20A  
4 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: E20A, 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: E20A, 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 division. 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 48300 Seminar in Feminist Science Fiction (LA)**

Seminar examining a wide variety of science fiction texts—including novels, films, television programs, comics, and graphic novels—through the lens of feminist theory. Prerequisites: ENGL 21400 or ENGL 21500. (IRR)

Attributes: E20A, ERGC, WGS, WGS3, WGSC, WGS1

4 Credits

**ENGL 48500 Seminar in World Literature (LA)**

Selected topics in literatures originating outside the Anglo-American literary tradition. Prerequisites: 3 three-four credit ENGL courses. (U,IRR)

4 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. Permission of instructor is required. (FY)

4 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)

4 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 four credits may be used to fulfill requirements for the English major or minor. Prerequisites: Four ENGL courses. (IRR)

4 Credits

## English Major – B.A.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation

### Summary

Code	Title	Credits
	English B.A. Major Requirements	36-56
	Integrative Core Curriculum Requirements and Electives <sup>1</sup>	84-64
	<b>Total Credits</b>	<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Humanities perspective.

## Degree Requirements

Code	Title	Credits
<b>FOUNDATION COURSES</b>		
ENGL 11300	Introduction to Poetry	4
ENGL 20100	Approaches to Literary Study	4
<b>LITERATURES BEFORE 1900</b>		
Select any three courses with the EP19 attribute		12
<b>LITERATURES OF THE 20TH AND 21ST CENTURIES</b>		
Select any course with the E20A attribute		4
<b>ENGLISH ELECTIVES <sup>1</sup></b>		
ENGL 3xxxx-	Any two 300- or 400-level ENGL courses	8
ENGL 4xxxxx		
ENGL 4xxxx	Any ENGL 400-level course	4
<b>RACE, GENDER &amp; SEXUALITY, AND CLASS REQUIREMENT</b>		
Students must take a minimum of two ENGL classes that are designated with the ERGC attribute. Courses with this designation may also satisfy period requirements and electives.		0-8
<b>FOREIGN LANGUAGE</b>		
Foreign language through the intermediate level or demonstrated equivalent proficiency.		0-12
<b>Total Credits</b>		<b>36-56</b>

<sup>1</sup> 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 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 1xxxx	Any ENGL course at 100-level	4
ENGL 3xxxx- ENGL 4xxxx	Two ENGL courses at 300-level or 400-level	8
ENGL 1xxxx - ENGL 4xxxx	Two additional ENGL courses, no more than one of which may be at 100-level	8
<b>Total Credits</b>		<b>20</b>

## Department of Mathematics

Bachelor of Arts, Bachelor of Science

**Ted Galanthay, Associate 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. Students explore mathematical theory and application, solve complex problems, investigate real data and build models while learning from faculty in small classes. Our graduates are employed as teachers, actuaries, analysts, programmers, data scientists, and more. They have received advanced degrees from graduate programs in mathematics, statistics, epidemiology, environmental science, physics and psychology. An IC math degree offers the flexibility and support to help students find the path that is best for them. General interest courses are offered for students who want to study mathematics for their own enrichment and enjoyment.

### Requirements for Honors in Mathematics

Eligible students may apply to earn Honors in mathematics during their junior or 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 in mathematics, available from advisors and online on the department website (<https://www.ithaca.edu/academics/school-humanities-and-sciences/mathematics/majors-minors-info/academic-programs/>).

### Departmental Policies on Math Placement Groups

All entering students, first year and transfer, must take the Math Placement Assessment regardless of any math courses being transferred to Ithaca College. The Math Placement Assessment must be taken before a student starts their first semester at Ithaca College. Details on how to take the assessment and how to interpret the results are available on the Mathematics Placement Assessment page (<https://www.ithaca.edu/academics/school-humanities-and-sciences/mathematics/information-students/math-placement-assessment/>).

### 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. 453)
- Mathematics Major - B.S. (p. 453)
- Data Science Minor (p. 454)
- Mathematics Minor (p. 454)

### Related Majors

- Mathematics-Physics Major — B.A. (p. 469) (*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, math placement assessment score of 0-45. (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 3 or higher, math placement assessment score of 46 or greater, 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 3 or higher, math placement assessment score of 46 or greater, or completion of MATH 10000 or MATH 18000 with a grade of C- or better. (F,S,Y)

Attributes: QL

3 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 3 or higher, math placement assessment score of 46 or greater, or completion of MATH 10000 with a grade of C- or better. (F,S,Y)

Attributes: QL

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 higher, math placement assessment score of 76 or greater, 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 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 2 or higher, math placement assessment score of 54 or greater, 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 2 or higher, math placement assessment score of 54 or greater, 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, AN2, 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 3 or higher, math placement assessment score of 46 or greater, 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 3 or higher, math placement assessment score of 46 or greater, 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 3 or higher, math placement assessment score of 46 or greater, 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 15900 Introduction to R Computing Software (LA)**

An introduction to R, a free, open-access scientific computing platform that is especially good at statistics, including simulation, large data sets, and graphing. Focuses on the use of R by covering a variety of applied problems. Prerequisite: Math placement in group 2 or higher, math placement assessment score of 54 or greater. (F,Y)

1 Credit



**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 2 or higher, math placement assessment score of 54 or greater, or completion of MATH 11000 with a grade of C- or better. (F,S,Y)

Attributes: 2B, NS, SO, TIII, TWOS

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: ESE, 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 higher, math placement assessment score of 76 or greater, or completion of MATH 11000 with a grade of C- or better. (F,S,Y)

Attributes: NS

3 Credits

**MATH 18700 Introduction to Applied Linear Algebra (LA)**

Introduction to the objects and tools of applied linear algebra. Emphasis placed on computation, both by hand and with computer algorithms, and applications to modern and growing fields such as data science, machine learning, statistics, and computer science. Prerequisites: Math placement group 3 or higher, math placement assessment score of 46 or greater. (F,Y)

Attributes: QL

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: ESE, NS, QL

3 Credits

**MATH 22100 Spatial Data Analysis with ArcGIS (LA)**

Provides an introduction to spatial data management, analysis, modelling and visualization, and their applications, with a focus on problem solving with a geographic information system. The context for applications in this course will mainly be environmental. The industry-standard ArcGIS software will be used. Prerequisites: MATH 14400, MATH 14500, MATH 21600, MATH 24600, or PSYC 20700. (S,Y)

Attributes: ENRE, ESTS

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 10800 with a grade of B or better or MATH 11100, MATH 18500, or MATH 18700 with a grade of C- or better. (S,Y)

Attributes: NS

3 Credits

**MATH 24000 Basic Statistics with R (LA)**

An introduction to R, a free scientific computing platform, as applied to basic statistics. Students learn how to manage data, create appropriate graphs, perform basic statistical tests (t-tests, chi-square, ANOVA, regression, etc), and compute confidence intervals. Additional topics include tests of assumptions (e.g., normality) and post hoc tests.

Prerequisites: MATH 14400, MATH 14500, MATH 21600, MATH 24600, or PSYC 20700. (S,Y)

1 Credit

**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 3-4 credit 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 34900 Interactive Graphics (LA)**

Introduces students to the creation of interactive and animated graphics for the visualization of data. Prerequisites: MATH 34800, or COMP 17100 and MATH 24600. (S,Y)

1 Credit

**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. Does not fulfill a required mathematics elective. This course may be repeated for credit for different studies. Prerequisites: Any MATH course at the 300-level (may be taken concurrently). (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 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 49200-49201 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. (IRR)

Attributes: NS, UND

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.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

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 and Electives <sup>1</sup>	82
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is not approved to fulfill a perspective course for the Integrative Core Curriculum (p. 269).

### 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
<b>REQUIRED COURSES IN THE DEPARTMENT</b>		
MATH 11100	Calculus I	4
MATH 11200	Calculus II	4

MATH 19100	World of Mathematics	1
MATH 21600	Statistical Analysis or MATH 24600 Intermediate Statistics	3
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 <sup>1</sup>	22
<b>Total Credits</b>		<b>38</b>

<sup>1</sup> The following courses cannot be used to count toward the Mathematics elective requirement: MATH 18800-18899, MATH 39100.

## Mathematics, B.S.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

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 and Electives <sup>1</sup>	64
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is not approved to fulfill a perspective course for the Integrative Core Curriculum (p. 269).

### 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
<b>REQUIRED COURSES IN THE DEPARTMENT</b>		
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 or MATH 24600 Intermediate Statistics	3
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 <sup>1</sup>	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:

1) All courses must be at 300-level or above

2) At least 6 credits must be MATH courses

**Total Credits** 56

<sup>1</sup> The following courses cannot be used to count toward the Mathematics elective requirement: MATH 18800-18899, MATH 39100.

## Data Science Minor

### MINOR REQUIREMENTS

No more than 16 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	
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 23100	Linear Algebra	
MATH xxxxx	9 additional credits chosen from MATH 17000 or above. At least 6 credits must be at level 2 or above. <sup>1</sup>	9
<b>Total Credits</b>		20

<sup>1</sup> The following courses cannot be used to count toward the Mathematics elective requirement: MATH 18800-18899.

## Department of Philosophy and Religion

### Bachelor of Arts

#### Rachel Wagner, *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 course (PHIL 10100) is 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. 461)
- Religious Studies - B.A. (p. 462)
- Jewish Studies Minor (p. 462)
- Philosophy Minor (p. 463)
- Religious Studies Minor (p. 463)

Subjects in this department include: Philosophy (PHIL) (p. 455) and Religious Studies (RLST) (p. 459)

## 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, early modern, or contemporary works. (F,S,Y)

Attributes: HM, LMSP, LSCO, TIDE, TMBS

4 Credits

### PHIL 17500-17502 Selected Topics in Philosophy (LA)

Topics to be determined according to teacher and student interest. This course may be repeated when topics vary, for a total of eight credits.

(IRR)

4 Credits

### PHIL 20300 Introduction to Logic (LA)

An introductory treatment of contemporary symbolic logic. Topics include argument structure, validity/invalidity, an exploration of formal propositional logic including truth-functions and formal proofs, and an exploration of elementary quantificational logic including interpretations and formal proofs. Prerequisites: One 3-4 credit liberal arts course. (F,S,Y)

Attributes: ESTS, HM, LMEL, LMSP, LSCO, QL, TIII, TWOS

4 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. Additionally, time will be spent questioning the assumptions made by classical rational choice theory and considering alternatives. Prerequisites: One 3-4 credit liberal arts course. (F,S,Y)

Attributes: QL

4 Credits

### PHIL 20800 Puzzles and Paradoxes (LA)

This course provides an overview of some famous paradoxes and attempts to resolve them. We explore how some of the central historical paradoxes, like Zeno's paradoxes of motion, have brought about revolutionary advances in our thought. Central issues in philosophy of language, logic, metaphysics, decision theory, epistemology, and ethics will be introduced through the study of these paradoxes. Prerequisites: One 3-4 credit liberal arts course; WRTG 10600 or ICSM 10800. (IRR)

Attributes: WI

4 Credits

### PHIL 20900 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 3-4 credit liberal arts course. (O,S)

Attributes: CSA

4 Credits

**PHIL 21200 Introduction to Ethics (LA)**

Introduction to the problems and theories of ethical thinking. Is there a right thing to do, and how can we tell what it is? Competing answers to these questions are examined, such as virtue-based approaches, consequentialist approaches, and Kantian approaches. Application of these approaches to current issues related to equality, harm, and truth-telling are explored. Readings selected from both classical and modern sources. Prerequisites: One 3-4 credit liberal arts course. (Y)

Attributes: HM, LMEL, LMSP, LSCO, TIDE

4 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 3-4 credit liberal arts course. (IRR)

Attributes: HM, LMEL, LMSP, LSCO, TPJ

4 Credits

**PHIL 22300 Introduction to the Philosophy of Art (LA)**

An overview of the historically significant problems and movements in the aesthetics and philosophy of art, addressing questions such as the source of value of art, its relationship to social and psychological functioning, and its cultural and historical significance. Prerequisites: One 3-4 credit liberal arts course. (IRR)

Attributes: HM, TIII

4 Credits

**PHIL 23000 Bioethics (LA)**

This introductory course in bioethics focuses on ethical and philosophical issues that arise in today's medicine. Topics include ethical, religious, and legal aspects of abortion, end of life issues, ethical boundaries of assisted reproductive technology (for example, genetic enhancement and reproductive cloning), allocation of scarce medical resources, and ethical issues related to disability. The course aims to relate these applied issues in today's medical ethics to philosophical concepts such as 'autonomy', 'benefit', 'harm', 'justice', and 'empathy'. (S)

Attributes: ENHU, ENVE, ESHU, HM, LMEL, LMSP, LSCO, TMBS

4 Credits

**PHIL 24000 Philosophy of Film (LA)**

Exploration of various issues in contemporary philosophy of film. The course considers the questions and problems that arise when we consider film as both a distinctive art form and a political, social, public medium. Prerequisites: One 3-4 credit liberal arts course. (IRR)

Attributes: ENHU, ESHU, MAP, SCE

4 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, and the environment as a whole are explored. Also taken up are ethical issues raised by global climate change, such as our obligations to future generations, and how to resolve tensions between economic growth and environmental protection. 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? ENV 25200 and PHIL 25200 are cross-listed courses; students cannot receive credit for both. Prerequisites: One 3-4 credit liberal arts course. (Y)

Attributes: ABSS, AN2, AN3, HM, LMEL, LSCO, TPJ, TQSF

4 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, with applications to international law and to freedom of expression. Emphasis is placed on philosophical analysis and moral evaluation. Prerequisites: One 3-4 credit liberal arts course. (Y)

Attributes: HM, TPJ

4 Credits

**PHIL 27500-27502 Selected Topics in Philosophy (LA)**

Topics to be determined according to teacher and student interest. This course may be repeated when topics vary, for a total of eight credits.

Prerequisites: One 3-4 credit liberal arts course. (IRR)

4 Credits

**PHIL 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. PHIL 28300 and RLST 28300 are cross-listed courses; students may not receive credit for both. Prerequisites: One three credit liberal arts course. (E)

Attributes: DV, 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, ICSM 10800 or ICSM 11800. (S)

Attributes: WI

4 Credits

**PHIL 30900 Plato and Aristotle (LA)**

Study of selected texts and ideas of the founders of classical Western philosophy. Texts include selected dialogues of Plato (such as the Meno and the Republic) and selections from Aristotle's writings (such as the Metaphysics and Nichomachean Ethics). Emphasis on writing a research paper in history of philosophy. Prerequisites: One 200-level PHIL course. (O,S)

4 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 200-level PHIL course. (IRR)

Attributes: LMSP

4 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: One 200-level PHIL course. (IRR)

4 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 200-level PHIL course or permission of instructor. (IRR)

Attributes: HU

3 Credits

**PHIL 33500 Socialism, Capitalism, Justice (LA)**

This course examines, from a philosophical perspective, the debate between supporters of socialism and capitalism. After examining competing definitions of both capitalism and socialism, we will examine what philosophers (past and present) have had to say for and against each system of economic production. In particular, we will compare accounts of justice that endorse a capitalist mode of production with accounts of justice that endorse a socialist mode of production. Assigned authors will include (among others) John Locke, Adam Smith, Thomas Paine, John Stuart Mill, Karl Marx, Rosa Luxemburg, Friedrich Hayek, John Rawls, and Robert Nozick. Prerequisites: One 200-level PHIL course. (IRR)

4 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 200-level PHIL course. (IRR)

Attributes: INBG, LMEL, LMSP, LSCO

4 Credits

**PHIL 34800 Epistemology: Theories of Knowledge and Justified Belief (LA)**

Philosophical study of knowledge and justified belief. The course will look at both classic epistemological topics including skepticism; analyses of knowledge; and the ethics of belief; and more contemporary epistemological topics including formal epistemology; disagreement; and fake news. Prerequisites: At least one 200-level PHIL course. (IRR)

4 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 200-level PHIL course. (IRR)

Attributes: LMEL, LMSP, LSCO

4 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 covered include some of the following: ontology, universals and particulars, issues surrounding material objects, the nature of time, persistence through time, necessity and possibility, causation, free will, and realism and anti-realism debates. Prerequisites: At least one 200-level PHIL course. (IRR)

4 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 200-level course in PHIL. (F,O)

Attributes: GERM

4 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, ICSM 10800, or ICSM 11800. (S,Y)

Attributes: CP, WI

4 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: DV, 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 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. RLST 20300 and JWST 20300 are cross listed; students may not receive credit for both courses. Prerequisites: One three credit Liberal Arts course. (S,Y)

Attributes: G, HM, INBG, TIDE, TMBS

4 Credits

### RLST 20400 Christianity: Contexts and Conflicts (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: ESE, 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, ESE, 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, ESE, 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: ESE, WGS, WGSJ

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. RLST 23500 and ENVS 23500 are cross-listed courses. Prerequisites: One three-credit course in the liberal arts. (E)

Attributes: ABSS, AN2, AN3, ENVE, 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: WI

4 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: DV, G, H, HU, INBG

3 Credits

**RLST 31000 Epic Adventures: Readings in Hindu Mythology (LA)**

Explores the rich narrative traditions of India's twin epics, the Mahabharata and the Ramayana, which have constituted the core of Hindu mythology for over two millennia and profoundly shaped the cultures of South and Southeast Asia. Examines these myths in their diverse literary, philosophical, and performative dimensions and addresses broad thematic issues raised in the texts, including the nature of war, deception, gender, fate, friendship, duty, and divinity. No previous knowledge of Hinduism is presumed. Prerequisites: One 200-level RLST course; WRTG 10600 (or equivalent). (E,S)  
Attributes: WGS, WGS3, WI  
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 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 39100 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 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 6 credits. Prerequisites: Three RLST courses; permission of instructor. (IRR)  
0.5-3 Credits

**RLST 41000 Religious Studies Capstone (LA)**

Serves as the capstone for religious studies majors and minors. Engages students in organizing interdisciplinary community discussions about contemporary issues in global religious practice. Facilitates reflection on studies in the major/minor and the Integrative Core Curriculum, and how these connect to the student's personal intellectual formation at Ithaca College. Prerequisites: At least three courses in religious studies, with at least one RLST course at the 300 level. (S,Y)  
Attributes: CP, HU, WI  
1 Credit

**Philosophy Major – B.A.**

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

Summary

Code	Title	Credits
Philosophy B.A. Major Requirements		36
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		84
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> *This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Humanities perspective.*

**Degree Requirements**

Code	Title	Credits
PHIL 20300	Introduction to Logic	4
PHIL 41000	Philosophy Capstone Seminar	4
PHIL xxxxx	An additional 28 credits in philosophy with at least 12 credits taken at the 300- or 400-level	28
<b>Total Credits</b>		<b>36</b>



## Religious Studies - B.A.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

### Summary

Code	Title	Credits
Religious Studies B.A. Major Requirements		31-33
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		87-89
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Humanities perspective.

### Degree Requirements

Code	Title	Credits
<b>Foundations</b>		
RLST 10100	Religion Matters	3
RLST 20100	Religion and Culture	3
RLST 21000 or RLST 21100	Religion, Race, and Social Justice Religion, Gender, and Sexuality	3
<b>Traditions</b>		
Select two courses from the following, in consultation with a faculty advisor:		6-8
RLST 20300	Living Judaism	
RLST 20400	Christianity: Contexts and Conflicts	
RLST 20500	Engaging Islam	
RLST 28100	Hindu Worlds	
RLST 28300	Seeking the Buddha	
<b>Exploration and Analysis</b>		
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.		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		
<b>Synthesis and Reflection</b>		
RLST 41000	Religious Studies Capstone (typically taken during the senior year)	1
<b>Total Credits</b>		<b>31-33</b>

<sup>1</sup> 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.

Code	Title	Credits
<b>Foundational Course</b>		
Select one course from the following:		3-4
JWST 10300	Hebrew Scriptures	
JWST 20100	Jews in the Ancient and Medieval Worlds	
JWST 20200	Jews in the Modern World	
JWST 20300	Living Judaism	
JWST 29400	Contemporary Jewish Identities: Race, Gender, and Nation	
<b>Electives</b>		
Select four courses with JWST prefix or with the Jewish Studies Electives attribute designation JWST. <sup>1,2</sup>		12-16
<b>Total Credits</b>		<b>15-20</b>

<sup>1</sup> No more than 3 credits of internship or independent study will count toward the electives for the Jewish Studies minor.

<sup>2</sup> Courses not taken for the Foundational Course requirement may be used as elective courses.

### Additional Requirements

1. No more than 8 credits from a student's major or 4 credits from a student's second minor will count toward the Jewish studies minor.
2. No more than 8 credits taken from another institution may be counted toward the Jewish Studies minor.

## Philosophy Minor

### Requirements

Code	Title	Credits
PHIL 41000	Philosophy Capstone Seminar	4
PHIL xxxxx	An additional 16 credits in philosophy with at least 8 credits taken at the 300-level or 400-level	16
<b>Total Credits</b>		<b>20</b>

## Religious Studies Minor

### Requirements

Code	Title	Credits
RLST 41000	Religious Studies Capstone	1
Select at least five additional RLST courses (15 credits minimum), excluding RLST 39800 and RLST 49100. These credits must meet the following criteria:		15
• at least six credits must be at the 300- or 400-level		
• one course with an RSEA "Religious Studies Elective" attribute may be substituted for an RLST course (maximum of 4 credits)		
<b>Total Credits</b>		<b>16</b>

## Department of Physics and Astronomy

Bachelor of Arts, Bachelor of Science

**Matthew C. Sullivan, *Dana 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.

The physics B.S. degree provides a rigorous course of study in physics in preparation for graduate school or technical jobs in industry. The applied physics B.S. gives students the flexibility to concentrate in physics in combination with other professional interests such as secondary education, premedical training or biology, astronomy, electronics, chemistry, environmental science, or computer science. Finally, the mathematics-physics B.A. degree provides an option for students who want to concentrate equally on mathematics and physics rather than majoring in one or the other.

Our department also maintains a physics-engineering 3-2 program, which guides students through the completion of the physics or applied physics degree and prepares students to succeed in the engineering program of their choice.

### 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 or applied 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, 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/technical projects over many semesters or summers, presentation of their research to an external audience, and authorship on a manuscript or technical document. 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. 468)
- Physics Major — B.S. (p. 469)
- Mathematics-Physics Major — B.A. (p. 469)
- Physics Minor (p. 470)

**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. (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. (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 higher, math placement assessment score of 54 or greater, or completion of MATH 10400, MATH 10800, or MATH 11000 (with a C- or better). (F,Y)

Attributes: 2A, ENRE, 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 higher, math placement assessment score of 54 or greater, or MATH 11000. (F,Y)

Attributes: 2A, SC, TIII

3 Credits

**PHYS 11000 Introductory Mathematical and Computational Methods 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; topics will include applying algebraic tools, concepts from trigonometry, and use of spreadsheets to collect and analyze data in the Physics context. Prerequisites: Math placement in group 1 or higher, math placement assessment score of 76 or greater, MATH 10800 (may be taken concurrently) OR MATH 11100 (may be taken concurrently). (F,Y)

2 Credits

**PHYS 12100 Light and Special Relativity (LA)**

Intended as an introductory course for physics majors and science enthusiasts. Covers algebra-based topics in the physics core curriculum: light waves, optics, quantum properties of light, and special relativity.

Emphasis is placed on the mathematical analysis of concepts as well as on developing conceptual understanding through active learning. Three two-hour lecture/recitation/laboratory sessions per week. Prerequisites: Math group 2 or higher, OR PHYS 11000 (may be taken concurrently). (F,Y)

4 Credits

**PHYS 12200 Momentum, Energy, and Heat (LA)**

Introductory calculus-based physics for students majoring in STEM fields. Topics include vectors, kinematics in one and two dimensions, dynamics, work, energy, momentum, heat, the first and second laws of thermodynamics, and entropy. Emphasis is placed on the mathematical analysis of concepts as well as developing conceptual understanding through active learning. Three two-hour lecture/recitation/laboratory sessions per week. Prerequisites: MATH 10800 or MATH 11100. (S,Y)

4 Credits

**PHYS 12300 Classical Fields: Gravity, Electricity, & Magnetism (LA)**

Introductory calculus-based physics for students majoring in STEM fields. Topics include gravity and the gravitational field, static electric fields and Coulomb's law, electric potential, capacitors, Ohm's law, the magnetic field and Ampere's law, induction and Faraday's law, and an introduction to fluids. Emphasis is placed on mathematical analysis as well as developing conceptual understanding through active learning. Three two-hour lecture/recitation/laboratory sessions per week.

Prerequisites: PHYS 10100 OR PHYS 12200; MATH 11200. (F,Y)

4 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. 3 credits. (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 higher, math placement assessment score of 54 or greater, 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 higher, math placement assessment score of 46 or greater, 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 higher, math placement assessment score of 46 or greater, or completion of MATH 10000 (with a C- or better). (S,Y)

Attributes: 2A, NS

4 Credits

**PHYS 17801 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. (F,Y)

1 Credit

**PHYS 21000 Intermediate Mathematical and Computational Methods for Physics (LA)**

Applies quantitative and analytical techniques to physical applications and supports students in their intermediate course study of Physics and Astronomy. Topics include practice applying mathematical and computational tools such as single variable integration, series, the complex plane, ordinary differential equations and computer programming to physical situations. Prerequisites: PHYS 11000; MATH 11200. (F,Y)

2 Credits

**PHYS 22400 Classical and Quantum Waves (LA)**

Completes a comprehensive introduction to the principles of physics necessary for advanced coursework in the field. Topics include: mechanical oscillations of one and several particles, the classical wave equation and the behavior of its solutions, one-dimensional quantum mechanics, classical angular momentum, and an introduction to quantum mechanics in three dimensions. Emphasizes analytical techniques common across both classical and quantum domains. Prerequisites: PHYS 12100; PHYS 12300; PHYS 21000; MATH 21100. (S,Y)

4 Credits

**PHYS 23900 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. Permission of instructor required. (IRR)

0.5-3 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 higher, math placement assessment score of 54 or greater, 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 25000 Intermediate Applied Physics Design Laboratory (LA)**

Intermediate design laboratory course in which students conduct investigations in various areas of applied physics. Emphasis is placed on the development of good laboratory techniques, simple circuit building, computer interfacing to equipment for data-taking, data analysis, data presentation (using computer graphical interface), and formal report writing. Prerequisites: PHYS 12100; PHYS 12300; PHYS 21000 (maybe taken concurrently) or COMP 17100 (may be taken concurrently). (S,Y)

2 Credits

**PHYS 26000 Intermediate Physics Laboratory (LA)**

Intermediate laboratory course in which students conduct three investigations in various areas of physics. Emphasis is placed on the development of good laboratory techniques, data-taking procedures, data analysis, data presentation (using computer graphical interface), and formal report writing. Prerequisite: PHYS 12100; PHYS 12300; PHYS 21000 or COMP 17100 (may be taken concurrently). (S,Y)

2 Credits



**PHYS 27800 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 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 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 31000 Advanced Mathematical and Computational Methods for Physics (LA)**

Applies analytical and computational techniques to physical applications, and supports students in their advanced course study of Physics and Astronomy. Topics include practice applying mathematical tools such as multivariate calculus, fields, linear algebra, and advanced differential equations to physical situations. Applications include the use of mathematical techniques in advanced computational analysis. Prerequisites: COMP 17100; PHYS 22400. (F,Y)

4 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 32200 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 31000 or the combination of PHYS 22400, MATH 21400, and MATH 23100. (S,Y)

4 Credits

**PHYS 32300 Electromagnetism (LA)**

Intermediate course in electricity and magnetism that builds on the foundation received in PHYS 12300. Topics include electric and magnetic fields, Gauss's law, electric potential, circuits, Ampere's law, Faraday's law, and Maxwell's equations. Explores electromagnetic phenomena through both analytical and computational exercises. Prerequisites: COMP 17100; PHYS 22400. (F,Y)

4 Credits

**PHYS 32400 Quantum Mechanics (LA)**

Advanced theory course with emphasis on understanding the nature of quantum theory and how it differs from classical ideas. Topics include the Stern-Gerlach experiments and quantum measurements, the Schrödinger equation and solutions to various potentials, angular momentum, and the hydrogen atom. Prerequisites: Either PHYS 31000 or the combination of PHYS 22400, MATH 21400, and MATH 23100. (S,Y)

4 Credits

**PHYS 32500 Thermal Physics (LA)**

Topics include laws of thermodynamics with applications, thermodynamic functions and potentials, kinetic theory, statistical mechanics, real and idealized systems, and intermolecular processes. Prerequisites: COMP 17100 and PHYS 22400. (F,Y)

4 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 33900 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. Permission of instructor required. Prerequisites: PHYS 22400. (IRR)

0.5-3 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. 1 credit. (F,Y)

Attributes: NS

1 Credit

**PHYS 35000 Advanced Applied Physics Design Laboratory (LA)**

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. Prerequisites: COMP 17100; PHYS 25000; PHYS 27800. (F,Y)

Attributes: QL

4 Credits

**PHYS 36000 Advanced Physics Laboratory (LA)**

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 22400; PHYS 26000; PHYS 27800. (S,Y)  
Attributes: ENRE, NS, QL  
4 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. Permission of instructor required. Prerequisites: PHYS 22400. (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. (IRR)  
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. (F,Y)  
Attributes: CP, NS  
1 Credit

**PHYS 42300 Electrodynamics (LA)**

Building on the foundation gained in PHYS 32300, 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 31000; PHYS 32300. (IRR)  
4 Credits

**PHYS 43000 Selected Topics in Advanced Physics (LA)**

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 22400. (Y)  
2-4 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 47900 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. Permission of instructor required. (IRR)  
1-12 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 49000 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. (F,Y)  
Attributes: CP  
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, PHYS 32600 or PHYS 35000 (any of which may be taken concurrently); WRTG 10600 or equivalent. (IRR)  
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. (IRR)  
 Attributes: 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 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 10800 or ICSM 11800; concurrent enrollment in PHYS 49900-PHYS 49910. (IRR)  
 Attributes: 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. (IRR)  
 Attributes: WI  
 2 Credits

**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.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

Summary

Code	Title	Credits
Applied Physics B.S. Major Requirements		69-70
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		50-51
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Natural Sciences perspective.

Degree Requirements

Code	Title	Credits
<b>CORE COURSES IN APPLIED PHYSICS</b>		
PHYS 11000	Introductory Mathematical and Computational Methods for Physics	2
PHYS 12100	Light and Special Relativity	4
PHYS 12200	Momentum, Energy, and Heat	4
PHYS 12300	Classical Fields: Gravity, Electricity, & Magnetism	4
PHYS 21000	Intermediate Mathematical and Computational Methods for Physics	2
PHYS 22400	Classical and Quantum Waves	4
PHYS 25000	Intermediate Applied Physics Design Laboratory	2
PHYS 27800	Professional Physics and Astronomy Seminar II	1
PHYS 35000	Advanced Applied Physics Design Laboratory	4
PHYS 299xx or 399xx	Introductory or Intermediate Physics Research	1
PHYS 499xx	Advanced Physics Research	2
<b>ADVANCED COURSEWORK AND APPLIED FIELD</b>		
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:		8
PHYS 32200	Classical Mechanics	
PHYS 32300	Electromagnetism	
PHYS 32400	Quantum Mechanics	
PHYS 32500	Thermal Physics	
PHYS 43000	Selected Topics in Advanced Physics	
Coursework in applied field: 12 credits in a single subject code (excluding PHYS or ASTR) <sup>1</sup>		12
<b>COMPUTATIONAL AND MATHEMATICAL SKILLS</b>		
MATH 10800	Applied Calculus	4
or MATH 11100Calculus I		
MATH 11200	Calculus II	4
MATH 21100	Calculus III	4
COMP 17100	Principles of Computing Science I	4
<b>PROFESSIONAL DEVELOPMENT</b>		<b>3-4</b>
Select one course from the following list:		
CMST 11500	Business and Professional Communication	
CMST 14000	Small Group Communication	
LGST 10100	Foundations in Law and Justice	
MGMT 11100	Introduction to Business	
MGMT 20600	Organizational Behavior and Ethics	
MGMT 21400	Startup Tactics: From Accounting to Zoning, Tactical Considerations When Starting a New Company	
WRTG 21100	Writing for the Workplace	
WRTG 21300	Technical Writing	

WRTG 31400 Science Writing

Total Credits	69-70
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<sup>1</sup> *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.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

Summary

Code	Title	Credits
Physics B.S. Major Requirements		62
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		58
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> *This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Natural Sciences perspective.*

## Degree Requirements

Code	Title	Credits
<b>CORE COURSES IN THE DEPARTMENT</b>		

PHYS 11000	Introductory Mathematical and Computational Methods for Physics	2
PHYS 12100	Light and Special Relativity	4
PHYS 12200	Momentum, Energy, and Heat	4
PHYS 12300	Classical Fields: Gravity, Electricity, & Magnetism	4
PHYS 21000	Intermediate Mathematical and Computational Methods for Physics	2
PHYS 22400	Classical and Quantum Waves	4
PHYS 26000	Intermediate Physics Laboratory	2
PHYS 27800	Professional Physics and Astronomy Seminar II	1
PHYS 31000	Advanced Mathematical and Computational Methods for Physics	4
PHYS 36000	Advanced Physics Laboratory	4
PHYS 299xx or 399xx	Introductory or Intermediate Physics Research	1
PHYS 499xx	Advanced Physics Research	2

### 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:		8
PHYS 32200	Classical Mechanics	
PHYS 32300	Electromagnetism	
PHYS 32400	Quantum Mechanics	
PHYS 32500	Thermal Physics	

Advanced courses in physics or astronomy: Four credits in physics or astronomy at the 300-level or above (excluding PHYS 399xx and PHYS 499xx)

### COMPUTATIONAL AND MATHEMATICS SKILLS

COMP 17100	Principles of Computing Science I	4
MATH 10800	Applied Calculus	4
	or MATH 1110C Calculus I	
MATH 11200	Calculus II	4
MATH 21100	Calculus III	4

Total Credits	62
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## Mathematics-Physics Major – B.A.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

*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		62-64
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		56-58
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> *This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Natural Sciences perspective.*

## 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
<b>REQUIRED MATHEMATICS COURSES</b>		
MATH 10800	Applied Calculus	4
	or MATH 1110C Calculus I	
MATH 11200	Calculus II	4
MATH 19100	World of Mathematics	1
MATH 21100	Calculus III	4
MATH 21400	Differential Equations	3
	or MATH 2160C Statistical Analysis	
MATH 23100	Linear Algebra	3
MATH xxxxx	Course(s) at the 300-level or above (excluding MATH 39100)	6-8

### REQUIRED PHYSICS COURSES

PHYS 11000	Introductory Mathematical and Computational Methods for Physics	2
PHYS 12100	Light and Special Relativity	4
PHYS 12200	Momentum, Energy, and Heat	4
PHYS 12300	Classical Fields: Gravity, Electricity, & Magnetism	4
PHYS 21000	Intermediate Mathematical and Computational Methods for Physics	2
PHYS 22400	Classical and Quantum Waves	4



PHYS 25000	Intermediate Applied Physics Design Laboratory	2
or PHYS 26000	Intermediate Physics Laboratory	
PHYS 31000	Advanced Mathematical and Computational Methods for Physics	4
Physics Directed Electives:		8
PHYS 32200	Classical Mechanics	
PHYS 32300	Electromagnetism	
PHYS 32400	Quantum Mechanics	
PHYS 32500	Thermal Physics	
<b>CAPSTONE</b>		
Select one of the following options:		3
OPTION 1		
MATH 49800	Capstone in Mathematics I	
MATH 49900	Capstone in Mathematics II	
OPTION 2		
PHYS 499xx	Advanced Physics Research	
<b>Total Credits</b>		<b>62-64</b>

## Physics Minor Requirements

Code	Title	Credits
Select one of the following sequences:		8
PHYS 10100 & PHYS 10200	Introduction to Physics I and Introduction to Physics II	
OR		
PHYS 12200 & PHYS 12300	Momentum, Energy, and Heat and Classical Fields: Gravity, Electricity, & Magnetism	
PHYS xxxxx or ASTR xxxxx	Additional courses in PHYS or ASTR (some courses may have additional prerequisites)	12
<b>Total Credits</b>		<b>20</b>

<sup>1</sup> These courses have additional prerequisites.

## Department of Politics

Bachelor of Arts

**Chip Gagnon, 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. The Department contributes significantly to the Legal Studies program.

## 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 31901.

**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 in this subfield; recent topics at the intermediate level include the European Union, Africa in World Politics, International Organizations, Terrorism & Insurgencies, Human Rights & Genocide, Catholics & Politics, International Human Rights Law. At the upper level, recent topics include Nationalism, Populism & Conflict; Empire and Political Theory; Conspiracy Politics; International Negotiation. Courses with a comparative and international studies focus are numbered from POLT 12200 to POLT 12900 (and also include POLT 23000), from POLT 32100 to POLT 34054, from POLT 40100 to POLT 40114, and from POLT 40300 to POLT 40310.

**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 at least three of the four subfields. One of these may be satisfied by an internship. Students with a concentration in international studies take POLT 30600 US Foreign Policy. Intermediate courses range from POLT 30100 to POLT 37000.

**Advanced courses** are seminars, tutorials, 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. 484)
- Politics Minor (p. 485)
- International Politics Minor (p. 485)

### POLT 10100 U.S. Politics and Public Policy (LA)

Explores the development of the U.S. governmental system, the values the system is rooted in, how the institutions within the system work, how politics, economics, and policy intersect within the system, and the system's impact upon individuals and groups alike. Focuses on the historical and present power struggles concerning national identity, class status, moral and ethical decision-making, civic culture, political affiliation, the role of media, and the process of policy development within the context of a representative and neo-liberal democratic capitalist system. This course is required of all Politics majors. (F,S,Y)  
Attributes: H, HM, LMSP, LSCO, SO, SS, TPJ, TWOS  
4 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 (LA)

Examines the history of U.S. foreign policy, as well as the ideological roots of various foreign policy stances, with a view to understanding the roots of contemporary relations between the U.S. and the rest of the world. (IRR)  
Attributes: 1, SS  
4 Credits

### POLT 12200 Politics and Society (LA)

Explores the impact of social forces and societal dynamics on the politics of diverse countries, as well as the influence of politics and the state on society. Examines how and to what extent political institutions, individual and collective political action, and historical circumstances are capable of shaping political and social developments in different countries and regions of the world. 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  
4 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 an understanding of competing theoretical perspectives on the international system from a social science perspective. Critically examines a range of issues in international relations, including military, economic, and cultural issues as well as issues related to the environment, health, and poverty. Uses specific case studies to illustrate these issues. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,S,Y)  
Attributes: G, INBG, LMSP, LSCO, SO, SS, TPJ, TWOS  
4 Credits

### POLT 12900 Introduction to Global and Policy 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, LXME, SO, SS, TIDE, TPJ  
4 Credits

**POLT 14100 Power: Race, Sex, and Class (LA)**

Exploration of the major theoretical perspectives on power. Examines what power is, where it comes from, where it is located, and how it is distributed along the lines of class, gender, and race. The primary focus is on contemporary practices of citizenship, democracy, capitalism, violence, security, and specific issues they raise for policy making, persons, the family, and corporate power. Counts as a political theory course for politics majors. (F,S,Y)

Attributes: 1, AN3, DV, G, HM, LMSP, SO, SS, TIDE, TPJ, WGS, WGSJ  
4 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. Exploration of ideologies as contested terrains open to criticism and transformation. Counts as a political theory course for politics majors. (F,S,Y)

Attributes: HM, LMSP, LSCO, SO, SS, TPJ, TWOS  
4 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  
4 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  
4 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 14600 Gender and Political Theory (LA)**

This course focuses on feminist critiques of foundational texts in political theory. It explores how gender, masculinity, and heterosexism inform such core political science concepts as power, human rights, political participation, the state, human nature, political consciousness, self/other and violence. Particular attention is paid to how ideas about masculinity and femininity affect what we think of as political, and to the ways in which people resist such conceptions. Counts as a political theory course for politics majors. (Y)

Attributes: DV, WGS  
4 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  
4 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. (S,Y)

Attributes: H, LMEL, LSCO, NAPP, NASE, SS  
4 Credits

**POLT 30400 U.S. Party Politics (LA)**

Examines the role of political parties in the U.S., with an emphasis on the two-party system. Exploration of party organization, power, and leadership; the role of parties in Congress; the election process; party campaign strategies and techniques; the role of money in party politics; media, public opinion, and political party-interest group dynamics. Counts as a US Politics course for politics majors/minors. (Y,IRR)

Attributes: LMSP, SS  
4 Credits

**POLT 30500 Urban Politics (LA)**

Exploration of the complexities of urban politics. Examines the politics and governance of U.S. cities, including the distribution of political & economic power in the city. Explores how governing structures, leadership, urban regimes, partisanship, political coalitions, citizen participation, the role of the business community, and federalism, impact electoral politics, decision-making processes, and policy outcomes. Consideration of various topics that help shape U.S. urban political life in the domestic and global context: poverty, gentrification, public education, policing, city bureaucracies, housing, mass transit, land use and planning, demographic changes, social movements, and racial/ethnic dynamics. Counts as a US Politics course for politics majors. (Y,IRR)

Attributes: ABSS

4 Credits

**POLT 30600 U.S. Foreign Policy (LA)**

US foreign policy from theoretical, historical, and contemporary perspectives. The evolution of US foreign policy from the 1770s to the 21st century, as well as current issues – including international trade, Iran, North Korea, Russia, and China – and their historical roots. Current debates about the future of the international order and of US grand strategy. Counts as a US Politics course for politics majors. (F,Y)

Attributes: INBG, LMEL, LMSP, LSCO, SS

4 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 31900-31901 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 up to 12 credits for selected topics on different subjects. Counts as a US Politics course for politics majors. (IRR)

Attributes: SS

4 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. Counts as a Comparative & International Studies course for politics majors and international politics minors. (Y)

Attributes: AACI, AASE, ADCI, ADSE, LSCL, LXME, NACI, NASE, SS

4 Credits

**POLT 32410 Human Rights & Genocide (LA)**

The course examines some of the key debates within the field of human rights, including debates between universalism and cultural relativity, and between individual and collective rights. It also looks at some of the main critiques of human rights: Does it matter if there is an international human rights regime if human rights are not enforced? In what ways can human rights be considered a colonialist enterprise? The course focuses in particular on the crime of genocide and attempts by individuals and groups to recover or seek justice in the wake of genocidal-type violence. Course is cross-listed with LGST 32410; students cannot earn credit for LGST 32410. Prerequisites: One 100-level LGST or POLT course. (S,Y)

4 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; the process of reform from 1979 onward, with focus on political and social transformation of Chinese society. Also covers shifts in China's foreign policy, especially since the rise of Xi Jinping. 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. (O)

Attributes: AASE, INBG, SS

4 Credits



**POLT 32600 Russian Politics (LA)**

Examines the internal conflicts and external forces that shape the Russian experience since independence in 1991, as well as continuities with the Soviet system. Considers the effect of Russian culture and nationalism on politics. Draws on the Russian experience in order to cast light on questions such as what is democracy, what are the tensions between democracy and capitalism, what is the difference between socialism and capitalism, and what leads to the erosion of liberal democracy. Examines trends in Russian foreign policy, including shifts over time and the relationship to domestic events. 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. (Y)

Attributes: INBG, SS

4 Credits

**POLT 32700 The Politics of Development (LA)**

Focuses on the struggle of third-world peoples to improve their economic position and political power in the international system. Covers a range of development approaches aimed at reducing poverty and inequality, with emphasis on the ways in which governments, non-governmental organizations, international aid agencies, and social movements and communities envision and implement development programs. Special attention is given to problems of development in Latin America, Asia 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. (S,O)

Attributes: ABSS, AN3, ENSS, ESPE, ESSS, INBG, LAEL, LAGC

4 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. (FY)

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. (IRR)

Attributes: DV, ESE, INBG, LAGC, SS

4 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. (F,S,Y)

Attributes: INBG, SS

4 Credits

**POLT 33100 Latin American Politics (LA)**

Introduces issues in contemporary Latin American Politics. 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 countries in other regions. Examines the historical events, internal political, socio-economic, and racial/ethnic structures and power relations, and behaviors of national and international actors influencing Latin American countries' politics and societies. 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,E)

Attributes: INBG, LSCI, LXME, SS

4 Credits

**POLT 33200 Africa through Film: Representation and Reality (LA)**

Interrogates popular Western representations of the African continent and their foundations. Emphasizes the need for media literacy and exposure to counter-narratives in the study of African countries. Explores African and African Diaspora histories, politics and contemporary issues through extensive readings and a comparative analysis of diverse films from radical African filmmakers, popular African cinema and even Hollywood. 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. (FY)

Attributes: 1, ADCI, ADSE, G, H, INBG, MAP, SCE, SS

4 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 Human Rights and the Politics of Culture (LA)**

Investigates the philosophical and legal debates pertaining to questions that address the universality of human rights. 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. (S,O)  
Attributes: INBG, LMEL, LMSP, LSCO, SS  
4 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. (O)  
Attributes: ABSS, AN3, ESE  
4 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 and Transitional Justice (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. (IRR)  
Attributes: NASE, SS  
4 Credits

**POLT 33800 Terrorism and Insurgencies (LA)**

The course explores why people resort to violence that is defined as terrorism, as well as how they respond to violence. It looks at these questions both theoretically and through case studies from around the world. The course also explores the phenomenon of insurgency, including its relationship to terrorism, and analyzes policies of counterterrorism and counterinsurgency. Counts as a Comparative & International Studies course for politics majors and international politics minors. (Y)  
4 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 33910 International Organizations (LA)**

Studies international organizations that have emerged over time to pursue solutions to cross-national problems, and to help develop rules and structures to manage inter-state and other kinds of global interactions. Addresses a variety of issues including the problems of war and peace, the definitions and management of economic development, and questions of environmental protection. Explores key concepts such as sovereignty, cooperation, and norms. Studies theoretical approaches to and criticisms of international organizations like the UN, treaty organizations like NATO, regional and economic organizations, as well as international non-governmental organizations. (F,Y)  
4 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.  
Attributes: SS  
4 Credits

**POLT 34100 U.S. Political Thought (LA)**

Explores the writings and ideas of political thinkers and activists who have shaped U.S. politics, institutions, and policy development from the Puritans to the present. Examines questions surrounding freedom and equality, individual rights, the role of community, power and justice, national identity, religion, the relationship between citizens and the state, the nature of change, and the place of labor in the United States. Counts as a political theory and U.S. politics course for majors. (IRR)  
Attributes: SS  
4 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, Hegel, Mill, Marx, Goldman, and Luxemburg). Counts as a political theory course for politics majors. (F,S,Y)

Attributes: LMEL, LMSP, LSCO, SS

4 Credits

**POLT 34300 Feminist Theory (LA)**

This course discusses theories pertaining to the subjugation of women and members of the LGBTQ community, 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, radical feminism, Black feminist thought, and post-colonial 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; the acceptance or rejection of the connection between sexual and class oppression, and other key historical and contemporary feminist debates. We 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. (IRR)

Attributes: SS, WGS, WGS3

4 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 35000-35009 Selected Topics in Political Theory (LA)**

Focus on particular areas of political theory that are not covered in other 300-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. (IRR)

Attributes: SS

4 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. Cross-listed with ENVS 36600; students cannot receive credit for ENVS 36600. (Y)

Attributes: ABSS, LMEL, LSCO

4 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 up to 12 credits for selected topics on different subjects. Counts as a public policy course for politics majors. (IRR)

Attributes: SS

4 Credits

**POLT 38000-38001 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. Students must complete the H&S internship application process. Permission of instructor required. (F,Y,S) 1-12 Credits

**POLT 38100-38101 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. Students must complete the H&S internship application process. Permission of instructor required. (F,S,Y) 1-12 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. Students must complete the H&S internship application process. Permission of instructor required. (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. Students must complete the H&S internship application process. Permission of instructor required. (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 and Public Policy (LA)**

Explores the development of the U.S. governmental system, the values the system is rooted in, how the institutions within the system work, how politics, economics, and policy intersect within the system, and the system's impact upon individuals and groups alike. Focuses on the historical and present power struggles concerning national identity, class status, moral and ethical decision-making, civic culture, political affiliation, the role of media, and the process of policy development within the context of a representative and neo-liberal democratic capitalist system. This course is required of all Politics majors. (F,S,Y) Attributes: H, HM, LMSP, LSCO, SO, SS, TPJ, TWOS 4 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 (LA)**

Examines the history of U.S. foreign policy, as well as the ideological roots of various foreign policy stances, with a view to understanding the roots of contemporary relations between the U.S. and the rest of the world. (IRR)

Attributes: 1, SS

4 Credits

**POLT 12200 Politics and Society (LA)**

Explores the impact of social forces and societal dynamics on the politics of diverse countries, as well as the influence of politics and the state on society. Examines how and to what extent political institutions, individual and collective political action, and historical circumstances are capable of shaping political and social developments in different countries and regions of the world. 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

4 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 an understanding of competing theoretical perspectives on the international system from a social science perspective. Critically examines a range of issues in international relations, including military, economic, and cultural issues as well as issues related to the environment, health, and poverty. Uses specific case studies to illustrate these issues. Counts as a Comparative & International Studies course for politics majors and international politics minors. (F,S,Y)

Attributes: G, INBG, LMSP, LSCO, SO, SS, TPJ, TWOS

4 Credits

**POLT 12900 Introduction to Global and Policy 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, LXME, SO, SS, TIDE, TPJ

4 Credits

**POLT 14100 Power: Race, Sex, and Class (LA)**

Exploration of the major theoretical perspectives on power. Examines what power is, where it comes from, where it is located, and how it is distributed along the lines of class, gender, and race. The primary focus is on contemporary practices of citizenship, democracy, capitalism, violence, security, and specific issues they raise for policy making, persons, the family, and corporate power. Counts as a political theory course for politics majors. (F,S,Y)

Attributes: 1, AN3, DV, G, HM, LMSP, SO, SS, TIDE, TPJ, WGS, WGS1

4 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. Exploration of ideologies as contested terrains open to criticism and transformation. Counts as a political theory course for politics majors. (F,S,Y)

Attributes: HM, LMSP, LSCO, SO, SS, TPJ, TWOS

4 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

4 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

4 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 14600 Gender and Political Theory (LA)**

This course focuses on feminist critiques of foundational texts in political theory. It explores how gender, masculinity, and heterosexism inform such core political science concepts as power, human rights, political participation, the state, human nature, political consciousness, self/other and violence. Particular attention is paid to how ideas about masculinity and femininity affect what we think of as political, and to the ways in which people resist such conceptions. Counts as a political theory course for politics majors. (Y)

Attributes: DV, WGS

4 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

4 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. (S,Y)

Attributes: H, LMEL, LSCO, NAPP, NASE, SS

4 Credits

**POLT 30400 U.S. Party Politics (LA)**

Examines the role of political parties in the U.S., with an emphasis on the two-party system. Exploration of party organization, power, and leadership; the role of parties in Congress; the election process; party campaign strategies and techniques; the role of money in party politics; media, public opinion, and political party-interest group dynamics. Counts as a US Politics course for politics majors/minors. (Y,IRR)

Attributes: LMSP, SS

4 Credits

**POLT 30500 Urban Politics (LA)**

Exploration of the complexities of urban politics. Examines the politics and governance of U.S. cities, including the distribution of political & economic power in the city. Explores how governing structures, leadership, urban regimes, partisanship, political coalitions, citizen participation, the role of the business community, and federalism, impact electoral politics, decision-making processes, and policy outcomes. Consideration of various topics that help shape U.S. urban political life in the domestic and global context: poverty, gentrification, public education, policing, city bureaucracies, housing, mass transit, land use and planning, demographic changes, social movements, and racial/ethnic dynamics. Counts as a US Politics course for politics majors. (Y,IRR)

Attributes: ABSS

4 Credits

**POLT 30600 U.S. Foreign Policy (LA)**

US foreign policy from theoretical, historical, and contemporary perspectives. The evolution of US foreign policy from the 1770s to the 21st century, as well as current issues – including international trade, Iran, North Korea, Russia, and China – and their historical roots. Current debates about the future of the international order and of US grand strategy. Counts as a US Politics course for politics majors. (F,Y)

Attributes: INBG, LMEL, LMSP, LSCO, SS

4 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 31900-31901 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 up to 12 credits for selected topics on different subjects. Counts as a US Politics course for politics majors. (IRR)

Attributes: SS

4 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. Counts as a Comparative & International Studies course for politics majors and international politics minors. (Y)

Attributes: AACI, AASE, ADCI, ADSE, LSCI, LXME, NACI, NASE, SS

4 Credits

**POLT 32410 Human Rights & Genocide (LA)**

The course examines some of the key debates within the field of human rights, including debates between universalism and cultural relativity, and between individual and collective rights. It also looks at some of the main critiques of human rights: Does it matter if there is an international human rights regime if human rights are not enforced? In what ways can human rights be considered a colonialist enterprise? The course focuses in particular on the crime of genocide and attempts by individuals and groups to recover or seek justice in the wake of genocidal-type violence. Course is cross-listed with LGST 32410; students cannot earn credit for LGST 32410. Prerequisites: One 100-level LGST or POLT course. (S,Y)

4 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; the process of reform from 1979 onward, with focus on political and social transformation of Chinese society. Also covers shifts in China's foreign policy, especially since the rise of Xi Jinping. 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. (O)

Attributes: AASE, INBG, SS

4 Credits

**POLT 32600 Russian Politics (LA)**

Examines the internal conflicts and external forces that shape the Russian experience since independence in 1991, as well as continuities with the Soviet system. Considers the effect of Russian culture and nationalism on politics. Draws on the Russian experience in order to cast light on questions such as what is democracy, what are the tensions between democracy and capitalism, what is the difference between socialism and capitalism, and what leads to the erosion of liberal democracy. Examines trends in Russian foreign policy, including shifts over time and the relationship to domestic events. 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. (Y)

Attributes: INBG, SS

4 Credits

**POLT 32700 The Politics of Development (LA)**

Focuses on the struggle of third-world peoples to improve their economic position and political power in the international system. Covers a range of development approaches aimed at reducing poverty and inequality, with emphasis on the ways in which governments, non-governmental organizations, international aid agencies, and social movements and communities envision and implement development programs. Special attention is given to problems of development in Latin America, Asia 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. (S,O)

Attributes: ABSS, AN3, ENSS, ESPE, ESSS, INBG, LAEL, LAGC

4 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. (IRR)

Attributes: DV, ESE, INBG, LAGC, SS

4 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. (F,S,Y)

Attributes: INBG, SS

4 Credits

**POLT 33100 Latin American Politics (LA)**

Introduces issues in contemporary Latin American Politics. 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 countries in other regions. Examines the historical events, internal political, socio-economic, and racial/ethnic structures and power relations, and behaviors of national and international actors influencing Latin American countries' politics and societies. 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,E)

Attributes: INBG, LSCI, LXME, SS

4 Credits

**POLT 33200 Africa through Film: Representation and Reality (LA)**

Interrogates popular Western representations of the African continent and their foundations. Emphasizes the need for media literacy and exposure to counter-narratives in the study of African countries. Explores African and African Diaspora histories, politics and contemporary issues through extensive readings and a comparative analysis of diverse films from radical African filmmakers, popular African cinema and even Hollywood. 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

4 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 Human Rights and the Politics of Culture (LA)**

Investigates the philosophical and legal debates pertaining to questions that address the universality of human rights. 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. (S,O)

Attributes: INBG, LMEL, LMSP, LSCO, SS

4 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. (O)

Attributes: ABSS, AN3, ESE

4 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 and Transitional Justice (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. (IRR)

Attributes: NASE, SS

4 Credits



**POLT 33800 Terrorism and Insurgencies (LA)**

The course explores why people resort to violence that is defined as terrorism, as well as how they respond to violence. It looks at these questions both theoretically and through case studies from around the world. The course also explores the phenomenon of insurgency, including its relationship to terrorism, and analyzes policies of counterterrorism and counterinsurgency. Counts as a Comparative & International Studies course for politics majors and international politics minors. (Y)  
4 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 33910 International Organizations (LA)**

Studies international organizations that have emerged over time to pursue solutions to cross-national problems, and to help develop rules and structures to manage inter-state and other kinds of global interactions. Addresses a variety of issues including the problems of war and peace, the definitions and management of economic development, and questions of environmental protection. Explores key concepts such as sovereignty, cooperation, and norms. Studies theoretical approaches to and criticisms of international organizations like the UN, treaty organizations like NATO, regional and economic organizations, as well as international non-governmental organizations. (F,Y)  
4 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.  
Attributes: SS  
4 Credits

**POLT 34100 U.S. Political Thought (LA)**

Explores the writings and ideas of political thinkers and activists who have shaped U.S. politics, institutions, and policy development from the Puritans to the present. Examines questions surrounding freedom and equality, individual rights, the role of community, power and justice, national identity, religion, the relationship between citizens and the state, the nature of change, and the place of labor in the United States. Counts as a political theory and U.S. politics course for majors. (IRR)  
Attributes: SS  
4 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, Hegel, Mill, Marx, Goldman, and Luxemburg). Counts as a political theory course for politics majors. (F,S,Y)  
Attributes: LMEL, LMSP, LSCO, SS  
4 Credits

**POLT 34300 Feminist Theory (LA)**

This course discusses theories pertaining to the subjugation of women and members of the LGBTQ community, 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, radical feminism, Black feminist thought, and post-colonial 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; the acceptance or rejection of the connection between sexual and class oppression, and other key historical and contemporary feminist debates. We 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. (IRR)  
Attributes: SS, WGS, WGS3  
4 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 35000-35009 Selected Topics in Political Theory (LA)**

Focus on particular areas of political theory that are not covered in other 300-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. (IRR)  
Attributes: SS  
4 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. Cross-listed with ENVS 36600; students cannot receive credit for ENVS 36600. (Y)

Attributes: ABSS, LMEL, LSCO

4 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 up to 12 credits for selected topics on different subjects. Counts as a public policy course for politics majors. (IRR)

Attributes: SS

4 Credits

**POLT 38000-38001 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. Students must complete the H&S internship application process. Permission of instructor required. (F,Y,S)

**POLT 38100-38101 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. Students must complete the H&S internship application process. Permission of instructor required. (F,S,Y)

**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)

**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)

**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. Students must complete the H&S internship application process. Permission of instructor required. (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. Students must complete the H&S internship application process. Permission of instructor required. (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.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

Summary

Code	Title	Credits
Politics B.A. Major Requirements		35-44
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		64-85
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Social Sciences perspective.

Degree Requirements

A grade of C is the minimum required in major field courses.

Code	Title	Credits
<b>CREDITS IN THE DEPARTMENT</b>		
Three 4-credit courses at 100-level		12
POLT 10100	U.S. Politics and Public Policy	
One course in the subfield political theory		
POLT 14100 through 14900		
One course in the subfield comparative and international studies		
POLT 12200 through 12900		
Five courses at 300-level, with a minimum of one course in Comparative/Int'l Studies; the others must include three out of four subfields in the program (U.S. Politics, Political Theory, Public Policy, and Comparative and International Studies; one of the courses can be an internship in Policy, U.S., or Comparative and International)		19-20
US Politics: POLT 30100-32099		
Political Theory: POLT 34100 - 35099		
Public Policy: POLT 36200 - 37099		
Comp/Int'l Stds: POLT 32100 - 34099		
Internship at 380xx or 381xx (3 or 4 credits)		
One 400-level seminar: POLT 40100-40299		4
Foreign-language through the introductory level (101 & 102)		0-8
Total credits 35-44		
<b>OPTIONAL INTERNATIONAL STUDIES CONCENTRATION <sup>1</sup></b>		
Three 4-credit courses at 100-level		12
POLT 10100	U.S. Politics and Public Policy	
One course in the subfield political theory		
POLT 14100 through 14900		
One course in the subfield comparative and international studies		
POLT 12200 through 12900		
International Studies Concentration <sup>2</sup>		
300-level requirements in the concentration		
POLT 30600	U.S. Foreign Policy	4
POLT 32100-34099	Three courses in Comparative and International Studies, one of which must be designated as a "place" course: POLT 32100, POLT 32600, POLT 33000, POLT 33100, POLT 33200, POLT 33900, POLT 34050 through 34099. One of these can be POLT 38100 Internship: International Studies (3-4 credits) with permission from advisor	11-12
POLT 30100-32099	One course in U.S. Politics	4
POLT 34100-35099	One course in Political Theory	4
400-level requirement		
POLT 401xx	One seminar course in Comparative and International Studies	4

Additional foreign language study at the 300-level or higher	0-4
Total credits: 39-44	

- <sup>1</sup> Students choosing the concentration option are restricted in the way in which they satisfy the requirements at 300- and 400-levels; see International Studies Concentration below for details.
- <sup>2</sup> Students completing the concentration must complete POLT 30600 plus five other 300-level POLT courses.

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 4-12 credits beyond the general politics B.A. degree (an additional politics course at the 300-level and additional language study).

Students completing the concentration must complete POLT 30600 plus five other 300-level POLT courses.

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.

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 and Public Policy	4
POLT 1xxxx	One additional course at the 100-level in Comparative & International Studies or Political Theory (excluding AP or transfer courses that are designated as POLT 18888)	4
POLT 3xxxx	Two courses at the 300-level in any subfield, or an internship	8
POLT 4xxxx	One course at the 400-level, either a seminar or tutorial	4
Total Credits		20

International Politics Minor Requirements

A minimum grade of C is required for courses to count toward the minor.

Code	Title	Credits
One 100-level international courses (POLT 12100 - POLT 12900)		4
Any three 300-level courses in the subfield of comparative and international studies (POLT 30600 US Foreign Policy, POLT 32100 through POLT 340xx)		12
One course at the 400-level in the subfield of comparative and international studies:		4
POLT 401xx	Seminar in Comparative International Studies	

POLT 403xx	Tutorial in Comparative International Studies
<b>Total Credits</b>	
	<b>20</b>

Department of Psychology

Bachelor of Arts  
Judith Pena Shaff, 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 a bachelor of arts in psychology, as well as a minor in psychology. The department also helps to support four interdisciplinary minors. The neuroscience minor (p. 518) bridges psychology and biology, employing varied approaches in clinical applications and basic sciences. The counseling minor (p. 516) provides broad, interdisciplinary perspectives of psychology and sociology in the field of mental health. The women's, gender, and sexuality studies minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/womens-gender-sexuality-studies/womens-gender-sexuality-studies-minor/>) which contributes to the production of knowledge about women, gender and sexuality from an intersectional perspective. In the media literacy minor (p. 517) students will 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

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

- Psychology Major – B.A. (p. 489)
- Psychology Minor (p. 490)

### 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, ESE, SO, SS, TIDE

3 Credits

### PSYC 10500 Scientific Literacy: How We Know What We Know (LA)

Explores how to apply scientific literacy and critical thinking to discover, read and share scientific information in the field of psychology, exploring myths and misconceptions about psychology and fallacies in reasoning about scientific evidence. Students will search for and compare research findings reported in academic vs. popular media and develop skills for effectively communicating scientific information. Prerequisites: PSYC 10300 (may be taken concurrently). (F,S,Y)

2 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, ESE, SO, TIII

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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. Prerequisites: PSYC 10300 and WRTG 10600, or ICSM 10800. (Y)

Attributes: ACS, WI

4 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 3 or higher, math placement assessment score of 46 or greater ; 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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. Prerequisites: PSYC 10300. (Y)

Attributes: ACS

4 Credits

### PSYC 20900 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. Prerequisites: PSYC 20700. (F,S,Y)

3 Credits

### PSYC 22000 Personality (LA)

An overview and 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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. Prerequisites: PSYC 10300. (Y)

Attributes: ACS

4 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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. Prerequisites: PSYC 10300. (Y)

Attributes: ACS, SO, TMBS

4 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'. Develops effective writing for different purposes and audiences, as well as oral and/or visual skills. Prerequisite: PSYC 10300. (Y)

Attributes: ACS, SC, TMBS

4 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, ENVE, 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." The course also focuses on developing effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. Prerequisites: PSYC 10300 and WRTG 10600 or ICSM 10800. (Y)

Attributes: ACS, CC, HN, WI

4 Credits

**PSYC 25300-25301 Selected Topics: Psychology (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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. May be repeated for credit when topics change. Prerequisites: PSYC 10300 and PSYC 10500 (may be taken concurrently). (IRR)

Attributes: ACS

4 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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. Prerequisites: PSYC 10300. (Y)

Attributes: ACS, CC, CNSL, DV, ESE, LMEL, LSCO

4 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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. PSYC 26100 and WGST 26100 are cross-listed courses; students may not receive credit for both. Prerequisites: PSYC 10300. (F,Y)

Attributes: ACS, CC, CNSL, DV, ESE, WGS, WGSC

4 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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. Prerequisites: PSYC 10300 and WRTG 10600, or ICSM 10800. (Y)

Attributes: ACS, CC, ESE, LMEL, LSCO, WI

4 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. 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)

Attributes: PSCL

3 Credits

**PSYC 31000 Research Team in Psychology (LA)**

Participation in programmatic research by teams of students under the direction of one or more faculty members. May be repeated for a total of nine credits. Permission of instructor required. Prerequisites: PSYC 20900. (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: One 200 level PSYC course (excluding PSYC 20700), BIOL 20600, BIOL 22700, or SLPA 21200. (F,S,Y)

Attributes: 2A, NS, PSBS

3 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, PSPS, 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: PSCL, 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, PSBS

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: PSPS, 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, PSCL

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. Prerequisites: PSYC 32100. (F,S,Y)

Attributes: CC

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 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, PSPS

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, PSPS, SL, SS

3 Credits

**PSYC 39800 Psychology Professional Development (NLA)**

Exploration of career opportunities and options for individuals with an undergraduate degree in psychology, including graduate school (or other professional training) and employment in a related field. Psychology majors only. (F,S,Y)

1 Credit

**PSYC 40500 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. Prerequisites: PSYC 32100. (F,S,Y)

Attributes: CC

3 Credits

**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)

4 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 Senior Seminar in Psychology (LA)**

Investigation of a specific area or topic in psychology at an advanced level that integrates prior learning. Explores the relationships between the various components of the integrative core curriculum (ICC), the psychology major, other learning experiences at the College, and future goals. Reflection on the role of a liberal arts education. (F,S,Y)

Attributes: CP

4 Credits

## Psychology Major – B.A.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

### Summary

Code	Title	Credits
	Psychology B.A. Major Requirements	43
	Integrative Core Curriculum Requirements and Electives <sup>1</sup>	77
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Social Sciences perspective.

### Degree Requirements

Code	Title	Credits
<b>Core Requirements</b>		
PSYC 10300	General Psychology	3
PSYC 39800	Psychology Professional Development	1
PSYC 49200	Senior Seminar in Psychology	4
<b>200-Level Exploration and APA Communication Skill (ACS) Development</b>		
PSYC 2xxxx	Two PSYC 200-level courses with an APA Communication Skills "ACS" designation	8
<b>Research Sequence</b>		
PSYC 10500	Scientific Literacy: How We Know What We Know (Scientific Literacy)	2
PSYC 20700	Statistics in Psychology	4
PSYC 20900	Research Methods in Psychology	3
PSYC 31000	Research Team in Psychology (must be taken twice)	6
<b>Upper Level Psychology Content Courses</b>		
Select 12 credits of 300-level PSYC courses, as follows: <sup>1</sup>		12
• One course with a Behavioral Sciences/Biological Processes "PSBS" designation		
• One course with a Person & Society "PSPS" designation		
• One course with a Clinical "PSCL" designation		



• One additional PSYC course with any designation

Sociocultural Competence Requirement		
Psychology majors must take at least two PSYC courses that meet the Sociocultural Competence requirement (CC). Courses with this designation may also satisfy 200-level ACS requirements or Upper Level Content Course requirements.	0-8	
Total Credits	43-51	

<sup>1</sup> Some courses may have additional prerequisites that students are responsible for meeting.

# 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.

Normally, a minimum of 3.0 GPA is required for students to be admitted to the minor. Students majoring in all disciplines are eligible to apply for this minor; however, only a limited number of students can be accepted based on course availability.

## Requirements

Code	Title	Credits
PSYC 10300	General Psychology	3
PSYC xxxxx	Five additional psychology courses	16-18
• At least four credits at the 200-level with the ACS attribute		
• At least six credits at the 300- or 400-level		
Total Credits	19-21	

# Screen Cultures Bachelor of Arts

**Michael D. Richardson, Professor, Department of World Languages, Literatures, and Cultures, and Program 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. 491)

### SCORE 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 4 credits. (S,Y) 1 Credit

### SCORE 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 SCORE 11100 are cross-listed; students may not take both courses for credit. (F,S,Y) Attributes: CA, DV, HM, LXME, RPRE, SCE, TIDE 4 Credits

### SCORE 39400 Sport in Film and Literature (LA)

Investigation of the sociocultural and mythic dimensions of contemporary sport as represented in selected films and fiction. Prerequisites: SPME 29700. (S,Y) Attributes: MAP 3 Credits

### SCORE 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 6 credits. Prerequisites: Three courses with the attribute SCE (Screen Cultures). (F,S,Y) 1-3 Credits

### SCORE 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 6 credits, 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

### SCORE 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.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Screen Cultures B.A. Major Requirements		41-44
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		76-79
Total Credits		120

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Humanities perspective.

## 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 <sup>1</sup>		
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 <sup>1</sup>		
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	
<b>GLOBAL SCREENS <sup>1</sup></b>		
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	
<b>SCREEN CULTURES ELECTIVES <sup>1</sup></b>		
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
<b>CAPSTONE</b>		
SCRE 45000	Capstone Seminar in Screen Cultures	3
<b>Total Credits</b>		<b>41</b>

<sup>1</sup> Some of the courses in this area may have additional prerequisites that students are responsible for meeting.

# Department of Sociology

Bachelor of Arts  
Alicia Swords, *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. 516) 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. 495)
- Sociology Minor (p. 496)

### 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: SO, TPJ  
4 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. (Y)  
Attributes: ADSE, CNSL, DV, ESE, LXME, RPRE, SO, SO2, TPJ  
4 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. (Y)  
Attributes: ADSE, CNSL, DV, ESE, LXME, NASE, SO, SO2, TPJ  
4 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. (Y)  
Attributes: CNSL, ENSS, ESSS, LAEL, LAGC, SO, SO1, TPJ  
4 Credits

### SOCI 20900 Sociology of Education (LA)

This course examines the role of education and the structure of educational institutions (including colleges and universities) in American society and studies the process by which skills, cultural norms, and cultural views are transmitted. It also explores the distribution of educational opportunity. These issues are dealt with at the level of the classroom, the school, and the community. The latter part of the course focuses on possibilities for change in the educational system. Prerequisites: One course in the liberal arts. (IRR)  
Attributes: DV  
4 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. (Y)  
Attributes: DV, SO, SO3, TPJ, WGS, WGSC  
4 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. (Y)  
Attributes: CNSL, DV, SO, SO4, TIDE, WGS, WGSJ  
4 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. (Y)  
Attributes: DV, SO4  
4 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. Prerequisites: One liberal arts course. (F,S,Y)  
Attributes: CC, DV, SO1  
4 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 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. Prerequisites: One course in the liberal arts. (Y)  
Attributes: CNSL, SO  
4 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. (Y)  
Attributes: SO4, WGS, WGSC  
4 Credits

**SOCI 24200 Research Design (LA)**

This course prepares students for more advanced coursework by focusing on the research methods used by sociologists. Topics covered include the scientific method and its application to the social world (including theory building and hypothesis testing); quantitative and qualitative research methods (including their differences and appropriate uses); the relationship between empirical questions and research methods; conducting systematic observations and recording data (including sampling); causality; and research ethics. Students will engage in hands-on practice via several small research projects to practice research methodologies introduced in the course. Prerequisites: 2 courses in SOCI. (F,Y)  
4 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. (Y)  
Attributes: ABSS, DV, ENSS, ENVE, ESSS, LAEL, LAGC, LMEL, LSCO, SO, SO1, TPJ, TQSF, WGS  
4 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. (Y)  
Attributes: DV, LMEL, LSCO, SO2  
4 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. (F,Y)  
Attributes: AAPP, ADPP, ADSE, LSPP, LXME, NAPP, NASE, SL, SO1  
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: Two courses in SOCI. (F,Y)  
Attributes: SS  
4 Credits

**SOCI 31700 Sexuality and Health (LA)**

This course explores the intersections of sexuality and health and focuses on both as social concepts. We will investigate the manner in which sexuality and health are shaped by individual, social and cultural factors and how ideas about our bodies and our sexuality are related to ideas about our health. Prerequisites: Two courses in Sociology. (F,Y)  
Attributes: SS  
4 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. (IRR)  
Attributes: CNSL, LXME, SO2, SS  
4 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: 2 courses in SOCI. (Y)  
Attributes: SO2, SS, WGS, WGS3, WGS1  
4 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: 2 courses in SOCI. (Y)  
Attributes: ADSE, CNSL, DV, ENSS, ESE, ESSS, RPRE, SO1, SS, WGSC  
4 Credits



**SOCI 32700 Work and 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: 2 courses in SOCI. (Y)

Attributes: DV, SO3, SS, WGSC

4 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, SS, WGSC

4 Credits

**SOCI 34200 Data Analysis (LA)**

Data Analysis introduces students to how sociologists use quantitative and qualitative data to study social phenomena. Quantitative topics include: data management, variable structures, numeric and graphic displays of data, univariate analysis, and bivariate analysis. Qualitative topics include: data management, reading interview transcripts and fieldnotes, positionality; open and focused coding, content analysis data rubrics, analytic memos, applying sociological concepts/theory to analyze qualitative data, and report writing. Prerequisites: SOCI 24200. (S,Y)

Attributes: QL, SS

4 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)

Attributes: SS

4 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. (Y)

Attributes: SO3, SS

4 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 SOCI. (IRR)

Attributes: CNSL, SS

4 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: 3 courses in SOCI. (Y)

Prerequisites: 3 courses in SOCI. (Y)

4 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: 3 courses in SOCI. (IRR)

Prerequisites: 3 courses in SOCI. (IRR)

Attributes: ADPP, ADSE, LSPP, LXME, NAPP, NASE, RPRE, SO2, SS

4 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: Three courses in SOCI. (IRR)

Prerequisites: Three courses in SOCI. (IRR)

Attributes: SS

4 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)

4 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 an intersectional theory, exploring ways in which gendered experiences intersect with other systems of oppression. Prerequisites: 3 courses in Sociology, or one 300-level course with either a WGS or a WGS1 attribute. (IRR)

Attributes: SS, WGS, WGS1

4 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 42000 Scholarship of and by Women of Color (LA)**

Seminar style class that explores the scholarship of and by women of color, with an emphasis on the concept of "intersectionality" and theories and frameworks introduced by women of color. We discuss questions related to the intersection of race, ethnicity, class, gender, sexuality, capitalism, and citizenship. SOCI 42000 and CSCR 42000 are cross listed, and students may not earn credit for both. Prerequisites: Any three SOCI or CSCR courses. (F,Y)

Attributes: AACI, AASE, ADCI, ADSE, DV, LSCI, LXME, NACI, NASE, SO2, SS, WGS, WGS3, WGS1

4 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 SOCI. (IRR)

Attributes: INBG, LAEL, LAGC, SO1, WGS, WGS3, WGS1

4 Credits

**SOCI 44500 Tutorial in Sociology (LA)**

Intensive study of a specific topic with a small group of students.

Prerequisites: Three courses in SOCI. (IRR)

Attributes: SO1, SO2, SO3, SO4, WI

4 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 48100.1 credit. (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 48400 Quantitative Capstone (LA)**

A capstone experience in which students define and execute a research project that involves identification or collection and analysis of quantitative data. Students write a full thesis paper. Students also reflect on the relevance of sociology with respect to charting future pathways through their own life course. Satisfies ICC Capstone and Writing Intensive requirements. Prerequisites: SOCI 31100 and SOCI 34200. (Y)

Attributes: CP, WI

4 Credits

**SOCI 48500 Qualitative Capstone (LA)**

A capstone experience in which students define and execute a research project that involves collection and analysis of qualitative data. Students write a full research paper. Students also reflect on the relevance of sociology with respect to charting future pathways through their own life course. Satisfies ICC Capstone. Prerequisites: SOCI 31100 and SOCI 34200. (Y)

Attributes: CP, WI

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.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Sociology B.A. Major Requirements		38-40
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		80-82
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Social Sciences perspective.

## Degree Requirements

Code	Title	Credits
<b>CORE COURSES</b>		
SOCI 10100	Introduction to Sociology	4
SOCI 24200	Research Design (Research Design)	4
SOCI 31100	Sociological Theory	4
SOCI 34200	Data Analysis (Data Analysis)	4
<b>SOCIOLOGY ELECTIVES</b>		
Additional five SOCI courses		18-20
<ul style="list-style-type: none"> <li>at least two courses (6-8 credits) must be at the 300-level or higher</li> </ul>		
<b>Capstone</b>		
SOCI 48400	Quantitative Capstone (Quantitative Capstone)	4
or SOCI 48500	Qualitative Capstone	
<b>Total Credits</b>		<b>38-40</b>

## Sociology Minor

### Requirements

Code	Title	Credits
SOCI 10100	Introduction to Sociology	4
SOCI xxxxx	14-16 credits of sociology electives at the 200-level or above	14-16
<b>Total Credits</b>		<b>18-20</b>

## Women's, Gender, and Sexuality Studies

### Bachelor of Arts

**Kasia Bartoszynska, Associate Professor, Department of Literatures in English, and Coordinator of Women's, Gender, and Sexuality 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 or a minor in Women's, Gender, and Sexualities Studies.

- Women's, Gender, and Sexuality Studies - B.A. (p. 497)
- Women's, Gender, and Sexuality Studies Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/womens-gender-sexuality-studies/womens-gender-sexuality-studies-minor/>)

### WGST 10000 Introduction to Women's, Gender, and Sexuality Studies (LA)

Provides a critical perspective that examines the world through the lens of gender and sexuality and encourages new ways of seeing and thinking about people and institutions. Interdisciplinary introduction to the questions, findings, methods, and theories of women's, gender, and sexuality studies scholarship. Examines how multiple forms of feminisms have shaped the practice of women's, gender, and sexuality studies and enabled the field to increasingly recognize differences among women. Applies theory on gender and sexuality in order to analyze diverse conditions and experiences in the United States and across the world. This class is open to all interested students and is a requirement for the WGSS major and minor. (F,S,Y)

Attributes: DV, ESE

4 Credits

### WGST 22000 Introduction to Queer Studies (LA)

Examines contemporary LGBTQ (also known as queer) studies, primarily from feminist/queer/trans theoretical perspectives and utilizing a social constructionist standpoint. Includes interdisciplinary and historical explorations of LGBTQ lives and practices, with a focus on intersectionality. (F,S,Y)

Attributes: CNSL, DV, ESE, HM, SO, TIDE, TPJ, WGS

4 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. Develops effective writing for different purposes and audiences, as well as oral and/or visual presentation skills. PSYC 26100 and WGST 26100 are cross-listed courses; students may not receive credit for both. Prerequisites: PSYC 10300. (F,Y)

Attributes: ACS, CC, CNSL, DV, ESE, WGS, WGSC

4 Credits

### WGST 28800-41000 Selected Topics: Women's, Gender, and Sexuality Studies (LA)

Topics of current interest in women's, gender, and sexuality 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 eight credits, when topics vary. (IRR)

Attributes: ESE, WGS, WGSJ

3-4 Credits

**WGST 42000 Independent Study: Women's, Gender, and Sexuality Studies (LA)**

Independent study projects are arranged individually between student and instructor. A proposal for the topic and specific plans must be approved by the coordinator of Women's, Gender, and Sexuality Studies. Permission of instructor required. Prerequisites: WGST 10000. (F,S,Y)  
Attributes: WGS, WGS3, WGSC, WGS1  
1-4 Credits

**WGST 43000 Internship: Women's, Gender, and Sexuality Studies (NLA)**

Internships are arranged individually at the student's request with individual instructors and a sponsoring agency. A learning contract for an internship must be approved by the coordinator of the Women's, Gender, and Sexuality Studies program and by the School of Humanities and Sciences dean's office. May be repeated once. Permission of instructor required. Prerequisite: WGST 10000. (F,S,Y)  
Attributes: WGS, WGSC, WGS1  
1-12 Credits

**Women's, Gender, and Sexuality Studies - B.A.**

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

**Summary**

Code	Title	Credits
Women's, Gender, and Sexuality Studies B.A.		37
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		83
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Humanities perspective.

**Degree Requirements**

No more than two 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
<b>CORE REQUIREMENTS</b>		
WGST 10000	Introduction to Women's, Gender, and Sexuality Studies	4
WGST 22000	Introduction to Queer Studies	4
	or ENGL 28500 Queer Literature	
Any CSCR course (200-level or above) with WGS attribute, or POLT 34300		4
<b>INTERDISCIPLINARY ELECTIVES</b>		
Additional 25 credits of courses with WGS attribute that meet the following criteria: <sup>1</sup>		25
•at least 8 credits must be at the 300-level or above		
•no more than three courses may have the same subject code prefix (excluding WGST)		

•no more than 8 credits of the major's required credits may be in WGST 42000 Independent Study; no more than 4 credits of the major's required credits in WGST 43000 Internship

<b>Total Credits</b>	<b>37</b>
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<sup>1</sup> Some courses with the WGS attribute may have additional prerequisites that the student is responsible for meeting.

**Department of World Languages, Literatures, and Cultures**

**Bachelor of Arts**  
**Marella Feltrin-Morris , 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 8 minor credits for a semester, or 16 major credits and 12 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. 292) 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, and 20000 course in any language to fulfill a prerequisite for another course in the same language.

- World Languages and Cultures — B.A. (p. 508)
- French and Francophone Studies Minor (p. 509)
- German Area Studies Minor (p. 509)
- Italian Studies Minor (p. 509)

- Spanish Minor (p. 509)
- Linguistics Minor (p. 510)
- Translation Studies Minor (p. 510)

### 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. 3 credits. (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

4 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

4 Credits

### FREN 20000 Intermediate French (LA)

Develops intermediate-level proficiency in French with a focus on culture. Includes grammar review and expansion, with practice in all skill areas and a particular emphasis on spoken communication. Prerequisites: FREN 10200 with a grade of C- or better, or by placement examination. (Y)

Attributes: HM, TIDE

4 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

4 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 20000 or above taught in French with a grade of C- or better, or by placement examination. (IRR)

Attributes: CCCS

4 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

4 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 34800 French Radical Feminism (LA)**

This course explores French feminism through history, from the French Revolution to the contemporary era. Through discussion of key French feminist texts, students address issues such as the relationship between gender, race and citizenship; the gender binary and its ties to heteronormative structures of power; and the influential role of French feminist theory on contemporary queer theory and transgender studies. Course taught in English. This course does not count towards language proficiency requirements in majors. Prerequisites: Two courses in the Liberal Arts. (IRR)

Attributes: CTE, WGS, WGS3, WGS1

4 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: FREN 20000 or above taught in French with a grade of C- or better, or by placement examination. (IRR)

4 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)

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

**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

4 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

4 Credits

**GERM 20000 Intermediate German (LA)**

Develops intermediate-level proficiency in German with a focus on culture. Includes grammar review and expansion, with practice in all skill areas and a particular emphasis on spoken communication. Prerequisites: GERM 10200 with a grade of C- or better, or by placement examination. (Y)

Attributes: HM, TIDE

4 Credits

**GERM 20101 Intermediate German Conversation (LA)**

Intensive conversational practice for students at the intermediate level. Includes pertinent grammar review and assigned readings as the basis for discussion in class, and periodic student presentations. May be used in place of GERM 20100 Intermediate German I for language proficiency requirements in majors. Prerequisites: GERM 10200 with a grade of C- or higher or by placement examination. (IRR)

Attributes: GERM

4 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

4 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

4 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 30900 Introduction to German Literature (LA)**

A study of representative texts in German literature from the Enlightenment to the present. Students will learn how to read, interpret, and write about various literary genres and aesthetic movements.

Prerequisite: GERM 20000 or above taught in German with a grade of C- or better, or by placement examination. (IRR)

4 Credits

**GERM 31200 Advanced German Grammar and Composition (LA)**

Advanced study of German grammar, with an emphasis placed on composition. Prerequisites: GERM 20000 or above taught in German with a grade of C- or better, or by placement examination. (IRR)

Attributes: HU

4 Credits

**GERM 32300 Advanced German Conversation (LA)**

Extensive oral practice using selected topics as a basis for conversation, discussion, and presentations or short talks. Prerequisites: GERM 20000 or above taught in German with a grade of C- or better, or by placement examination. (IRR)

Attributes: 3A, G, HU

4 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 35000 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. Taught in English, but with extensive practice in speaking, reading, comprehension, and writing in German. Prerequisites: GERM 20000 or above taught in German with a grade of C- or better, or by placement examination. (IRR)

Attributes: GERM, SCE

4 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: GERM 20000 or above taught in German with a grade of C- or better, or by placement examination. (IRR)

4 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 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 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

**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

4 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

4 Credits

**ITAL 20000 Intermediate Italian (LA)**

Develops intermediate-level proficiency in Italian with a focus on culture. Includes grammar review and expansion, with practice in all skill areas and a particular emphasis on spoken communication. Prerequisites:

ITAL 10200 with a grade of C- or better, or by placement examination. (Y)

Attributes: HM, TIDE

4 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 21000 Experiencing Italy: Remarkable Cities (LA)**

This course provides a "virtual tour" of Italy through the focused study of key metropolitan areas from a multidisciplinary perspective. Students explore the history of each city and the art, architecture, and literature that characterize it. The class examines the cultural differences of each area, including variations in traditions, language, cuisine, and music. Limited Italian pertaining to travel may be introduced, but no prior knowledge of Italian is required. Taught in English. This course does not count towards language proficiency requirements in majors.

Prerequisites: One 3 or 4 credit liberal arts course. (IRR)

Attributes: CA, CTE, HM, TIDE

4 Credits

**ITAL 23000 The Italian Americans (LA)**

This course examines the experience and assimilation of Italian immigrants to the United States. Topics include the conditions in southern Italy that compelled Italians to emigrate, the challenges of immigration, the role of the family, Italian-American women, the effects of prejudice, the mafia stereotype, and portrayals of Italian Americans in popular culture. Taught in English. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: CTE, DV

4 Credits

**ITAL 24500 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; no knowledge of Italian is required. This course cannot be used to satisfy language proficiency requirements in majors. (IRR)

Attributes: CTE, HM, TIDE, TPJ

4 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: CA, CTE, HM, TIDE

4 Credits

**ITAL 26000 A Place To Call Home: Origins and Identity in Italian Literature, Film, Art and Music (LA)**

This course examines a variety of Italian cultural artifacts, including poems, short stories, novels, films, visual art, and songs, that explore the concept of home and the theme of identity. Works will be drawn from throughout Italian history, and will consider the way in which the leitmotif of home is also inextricably connected with that of the journey towards and away from our origins. Course taught in English; no knowledge of Italian is required. Content in Italian will be available to interested students. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: CTE, HM, TIDE

4 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

4 Credits

**ITAL 27500 Love, Lust, and the Black Death: Boccaccio's Decameron in English (LA)**

Study of Giovanni Boccaccio's masterpiece: a collection of short stories written at the dawn of the Italian Renaissance, just as Italy was emerging from the devastating Black Death pandemic of 1348. 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 English; no knowledge of Italian is required. This course does not count towards language proficiency requirements in majors. (IRR)

Attributes: CTE, HM, TIDE, TIII

4 Credits

**ITAL 28000 Italian Culture through Cinema (LA)**

This course is intended to introduce students to Italian cinema of the past four decades, and how these films depict the language, culture, history, and changing social issues of Italian society and culture. Special attention is 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 and cultural differences. Taught in English; no knowledge of Italian is required. This course cannot be used to satisfy language proficiency requirements in majors. (IRR)

Attributes: CTE

4 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 30000 Italian Conversation and Culture (LA)**

Extensive oral practice with a focus on Italian culture using selected topics as a basis for grammar review and expansion, conversation, discussion, and presentation of short talks. Prerequisites: ITAL 20000 or above taught in Italian with a grade of C- or better, or by placement examination. (Y)

4 Credits

**ITAL 31000 Experiencing Italy: Remarkable Cities (LA)**

This course provides a "virtual tour" of Italy through the focused study of key metropolitan areas from a multidisciplinary perspective. Students explore the history of each city and the art, architecture, and literature that characterize it. The class examines the cultural differences of each area, including variations in traditions, language, cuisine, and music. Class taught in English, but with extensive Italian practice through readings, discussion, and assignments. Students with no or limited Italian should enroll in ITAL 21000 instead of this class. Prerequisites: ITAL 20000 or above, or by placement exam. (IRR)

4 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 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 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. Prerequisites: ITAL 20000 or above taught in Italian with a grade of C- or better, or by placement examination. (IRR)

4 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. Taught in English, but with extensive practice in speaking, reading, comprehension, and writing in Italian. Prerequisites: ITAL 20000 or above taught in Italian with a grade of C- or better, or by placement examination. (IRR)

Attributes: HU, INBG, SCE  
4 Credits

**ITAL 35200 The Love that Moves the Sun and Stars: Dante's Divine Comedy in Italian (LA)**

Students read and discuss 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. Taught in English with bi-lingual editions, but with practice in speaking, reading, comprehension, and writing in Italian. Prerequisites: ITAL 20000 or above taught in Italian with a grade of C- or better, or by placement examination. (IRR)

4 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: ITAL 20000 or above taught in Italian with a grade of C- or better, or by placement examination. (IRR)

4 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. 3 credits. (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 in Italian (LA)**

Study of Giovanni Boccaccio's masterpiece: a collection of short stories written at the dawn of the Italian Renaissance, just as Italy was emerging from the devastating Black Death pandemic of 1348. 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 English with bi-lingual editions, but with practice in speaking, reading, comprehension, and writing in Italian. Prerequisites: ITAL 20000 or above taught in Italian with a grade of C- or better, or by placement examination. (IRR)

Attributes: HU

4 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 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

**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: CA, DV, HM, LXME, RPRE, SCE, TIDE

4 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)

Attributes: DV, HM, TIDE, TPJ

4 Credits

**LNGS 12000 Introduction to the Art of Translation (LA)**

Introduction to the world of translation and interpreting from a theoretical and practical perspective. Texts will include translators' prefaces, reviews, literary and non-literary translations, interviews focusing on issues of translatability, fidelity, purpose and ethics. This course is intended for students with basic reading and listening proficiency in a language other than English. Prerequisites: WRTG 10600, ICSM 10800, or ICSM 11800. (IRR)

Attributes: HM, TIII, TWOS, WI

4 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 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. Open to all students. Prerequisites: One course in the liberal arts. (F,S,Y)

Attributes: 3A, ESE, GERM, HM, SS, TIDE, TWOS

4 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. (F,Y)

Attributes: ESE, HM, TIII, TWOS

4 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. (S,Y)

Attributes: HM, TIII, TWOS

4 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  
4 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  
4 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)  
4 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 Focused Translation Project (LA)**

Individual research, analysis and translation of a literary or non-literary text (or selection of texts), supervised by a faculty mentor in the WLLC department. Culmination of the Translation Studies Minor, and restricted to Translation Studies minors. Course can be repeated once for up to two credits if completed in different languages. Prerequisites: FREN 35500, GERM 35500, ITAL 35500 or SPAN 35500. (IRR) Attributes: GERM  
1 Credit

**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  
4 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  
4 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 20000 Intermediate Spanish (LA)**

Develops intermediate-level proficiency in Spanish with a focus on culture. Includes grammar review and expansion, with practice in all skill areas and a particular emphasis on spoken communication. Prerequisites: SPAN 10200 with a grade of C- or better, or by placement examination. (Y) Attributes: HM, TIDE  
4 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 26100 Holocaust Literature and Film: From Auschwitz to the Americas (LA)**

Taught in English, this course examines holocaust representation in literature and film, and the Jewish diaspora in Latin America. Class preparation and discussion will explore the power of narration to express the human capacity for resistance and resilience. This course does not satisfy language proficiency requirements in majors. Prerequisites: One course in the Liberal Arts. (IRR) Attributes: CTE, HM, JWST, LAEL, TIDE, WGS  
4 Credits

**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  
4 Credits

**SPAN 27900 Introduction to Latino/a/x Literature (LA)**

Examines canonical literary texts produced by and about Latino groups in the United States. Class discussion and preparation will explore the historically changing ways in which, from the 19th century onward, various Latino communities have imagined their identities both within and across the national borders of the United States and Latin America. Taught in English. This course does not count towards language proficiency requirements in majors. Prerequisites: One course in the liberal arts. (IRR) Attributes: LAEL, LXME  
4 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 31800 Imagining Spain: Representations of Spain in Film, TV, and Graphic Media (LA)**

Explores images of Spain as portrayed in film and other media including television and graphic novels. Focuses on culture and society and how cinematic and other media function to narrate elements of history as well as political and social values. Students gain practice in skill areas of reading, writing, speaking, and comprehension of Spanish language. Prerequisites: SPAN 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (IRR)

Attributes: SCE

4 Credits

**SPAN 31900 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 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (IRR)

Attributes: DV, INBG, RPPE

4 Credits

**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 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (F,S,Y)

Attributes: CCCS, HU

4 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 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (F,S,Y)

Attributes: 3A, CCCS, G, HU, LAEL

4 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)**

The course 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. The course teaches students to read literature and write about it from an analytical perspective.

Prerequisites: SPAN 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (F,S,Y)

Attributes: LAEL, LSCH, LXME, RPPE, WGS

4 Credits

**SPAN 33000 Creative Writing in Spanish (LA)**

Covers a variety of techniques and strategies for writing fiction, poetry, personal essay, and scripts in Spanish. Students hone skills associated with linguistic fluency (spoken, written, oral and aural communication) and cultural understanding of the Spanish-speaking world. Peer to peer collaboration and critique emphasized. Prerequisites: SPAN 20000 or above taught in Spanish with a grade of C- or better, or by placement examination; and WRTG 10600 or ICSM 10800. (IRR)

Attributes: WI

4 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 pre-conquest cultures to contemporary issues of globalization, while addressing ethnicity, gender, religion, class, and the arts. Prerequisites: SPAN 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (F,Y)

Attributes: G, H, HU, INBG, LXME, RPPE

4 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: SPAN 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (IRR)

Attributes: DV, LAEL, LXME, RPPE

4 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 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (IRR)

Attributes: DV, G, H, HU, INBG, RPPE

4 Credits



**SPAN 33700 Introduction to Spanish Literature (LA)**

A historical and thematic overview of Spanish literature. Special attention will be given to literary movements and recurrent themes. Required for Spanish majors. Prerequisites: SPAN 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (IRR)  
Attributes: 3A, DV, G, HU, RPPE  
4 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. Prerequisites: One SPAN course at the 300-level (excluding SPAN 39200), or by placement examination. (F,S,Y)  
Attributes: 3A, DV, G, HU, LXME, RPPE  
4 Credits

**SPAN 34000 Latin Lovers: Sexuality and Gender in Literature, Film, and Pop Culture (LA)**

Taught entirely in Spanish, this course examines the burgeoning new theoretical interventions around the concepts of sexuality and gender identity in Latin American cultural production, paying particular attention to the definition of "queer." This is an interdisciplinary course that complements coursework from a variety of majors and minors. Prerequisites: SPAN 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (IRR)  
Attributes: LAEL, WGS  
4 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 20000 or above taught in Spanish with a grade of C- or better, or by placement examination. (IRR)  
Attributes: LAEL, WI  
4 Credits

**SPAN 37600 Latin American Fiction (LA)**

This course traces the development, movement, and themes in Latin American fiction. The literary selections will be analyzed from a historical and cultural context. Students will read short stories and novels written by representative authors. Readings may include works by Azuela, Borges, Fuentes, Cortázar, García Márquez, Allende Ferré, Pacheco, and Piñeiro. Prerequisites: One SPAN course at the 300-level (excluding SPAN 38800 and SPAN 39200) or by placement examination. (IRR)  
Attributes: LAGC  
4 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 eight credits when topics vary. Prerequisites: One Spanish course at the 300-level, excluding SPAN 39200. (IRR)  
Attributes: LAEL, LXME, RPPE  
4 Credits

**SPAN 39200 Latino/a/x Literatures: Narratives of Displacement and Belonging (LA)**

This course delves deeply into questions of travel, migration, exile, displacement and belonging in Latino/a/x literature and features expressions of the intersectionalities of Latino/a/x identities in the United States. The texts chosen for this class will grapple with these overarching themes, while traversing the interstices of Latino/a/x identities that confront such issues as racism, colorism, sexuality, and gender. Taught in English. This course does not count towards language proficiency requirements in majors. Prerequisites: Three courses in the liberal arts. (IRR)  
Attributes: CTE, DV, LAEL, LSCH, LXME, RPPE, WGS3, WGS1  
4 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, WGS3  
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 6 credits 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.**

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

Courses taken for the World Languages and Cultures B.A. major may *not* also be used for any of the following language-based minors in the department:

- French and Francophone Studies
- German Area Studies
- Italian Studies
- Spanish.

Eight credits of courses taken for the World Languages and Cultures B.A. major *may* be used in one of the following minors:

- Linguistics
- Translation Studies.

Department policy on prerequisites: A grade of C- or better is required for a 10100, 10200, 10400, 20000, 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 and Electives <sup>1</sup>	83
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Humanities perspective.

Degree Requirements

Code	Title	Credits
FOUNDATION REQUIREMENT		
Choose one of the following:		4
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		
20 credits of language study in a single language, FREN, GERM, ITAL, or SPAN, numbered 10100 or above.		20
•A minimum of four credits of Core Language Study must be at the 300-level or above.		
•No more than eight credits of 100-level courses can be included in Core Language Study		
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 eight 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

French and Francophone Studies Minor

Courses taken for the French and Francophone Studies minor may not also count for the World Languages and Cultures B.A. 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 20 credits in French courses, with at least 4 credits at the 300-level	20
Total Credits		20

German Area Studies Minor

Courses taken for the German Area Studies minor may not also count for the World Languages and Cultures B.A. 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 20 credits in German courses, with at least 4 credits at the 300-level	20
Total Credits		20

Italian Studies Minor

Courses taken for the Italian Studies minor may not also count for the World Languages and Cultures B.A. 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 20 credits in Italian courses, with at least 4 credits at the 300-level	20
Total Credits		20

Spanish Minor

Courses taken for the Spanish minor may not also count for the World Languages and Cultures B.A. 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 20 credits in Spanish courses, with at least 8 credits at the 300-level or above	20
Total Credits		20



# Linguistics Minor

Linguistics minors may use a maximum of eight credits towards the World Languages and Cultures B.A. major, and a maximum of four credits towards a language minor.

## Requirements

Code	Title	Credits
<b>Core Courses</b>		
LNGS 23200	Introduction to Linguistics	4
Four credits of foreign language (FREN, GERM, ITAL, SPAN)		4
<b>Restricted Electives</b>		
Select three courses from this list: <sup>1</sup>		9-12
LNGS 12000	Introduction to the Art of Translation or LNGS 245 Translation and Self-Discovery or LNGS 250 Translation: The Art of Disguise	
LNGS 24200	Language and the Mind	
LNGS 24300	Language and the World	
LNGS 340xx	Selected Topics in Linguistics (a maximum of 8 credits may be applied towards the minor)	
COMP 32100	Programming Languages	
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	Grammars and Usages	
WRTG 33000	Style and Syntax	
<b>Total Credits</b>		<b>17-20</b>

<sup>1</sup> Some of the courses in this list may have additional prerequisites.

# Translation Studies Minor

Minors in Translation Studies may use a maximum of 8 credits toward the World Languages and Cultures B.A. major. Language minors may use a maximum of 4 credits from their minor program toward the Translation Studies minor.

Code	Title	Credits
<b>Core Requirements</b>		
LNGS 12000	Introduction to the Art of Translation or LNGS 24500 Translation and Self-Discovery or LNGS 25000 Translation: The Art of Disguise	4
LNGS 23200	Introduction to Linguistics	4
LNGS 49800	Focused Translation Project	1
<b>Language-Specific Requirements</b>		
Select one of the following language sequences: <sup>1</sup>		12
FREN 35500	French Translation in Practice	
FREN xxxxx	Eight credits at the 200-level or above, with at least four at the 300-level, taught in French	

or		
GERM 35500	German Translation in Practice	
GERM xxxxx	Eight credits at the 200-level or above, with at least four at the 300-level, taught in German	
or		
ITAL 35500	Italian Translation in Practice	
ITAL xxxxx	Eight credits at the 200-level or above, with at least four at the 300-level, taught in Italian	
or		
SPAN 35500	Spanish Translation in Practice	
SPAN xxxxx	Eight credits at the 200-level or above, with at least four at the 300-level, taught in Spanish	
<b>Total Credits</b>		<b>21</b>

<sup>1</sup> The following conversation courses cannot count towards this minor requirement: GERM 32300, ITAL 32300, SPAN 32300, or SPAN 32400

# Department of Writing

**Bachelor of Arts**  
**Susan Adams Delaney, 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 20-credit minor for students in diverse disciplines. The B.A. in writing offers serious writers guidance and experience in a range of genres. 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. 515)
- Writing Minor (p. 516)

### WRTG 10600 Academic Writing I (LA)

This introductory writing course teaches academic writing as a craft that includes multiple genres and technologies. Students locate, evaluate, and integrate information into projects that see them forming and supporting their own arguments and positions. Academic writing as a craft is anchored in rhetorical situations of audience, context, purpose, language, and image. It is also an ethical practice that grapples with questions of diversity, equity, and inclusion. The course therefore enables students to enter academic, civic, and professional conversations with rhetorical awareness. (F,S,Y)

Attributes: 3A, HU

4 Credits

### WRTG 16400 Writing for Professional Success (LA)

Introduces students to the rhetorical awareness, social conventions, and writing habits necessary to succeed in complex and diverse academic, professional, and media settings. Engages with the foundational elements of communication, preparedness, cultural competency, personal organization, and resiliency. Course materials will provide students the tools and opportunity to discover new professional interests and to turn their interests into actionable goals. (F,S,Y)

4 Credits

### WRTG 16600 Introduction to Literacy, Rhetoric, and Culture (LA)

Introduces students to the ways literacies, languages, and cultures are intertwined. Studies how writerly traditions are formed across systems of identity, ideology, and power. Explores a range of rhetorical traditions, including activism and knowledge production outside of higher education. (F,S,Y)

4 Credits

### WRTG 17500 Introduction to Creative Writing (LA)

This class offers a hands-on exploration of what creative writing is and why we write it. Students experiment with genres of fiction, creative nonfiction, and poetry while also challenging the boundaries of genre. Students analyze strategies used by other writers from a diverse range of cultural experiences and reflect on how creative writing engages identity in intentional ways that unveil systems of power. (F,S,Y)

Attributes: 3A, CA, FA, HM, MC, TIDE, TIII

4 Credits

### WRTG 20100 Argument: Rhetoric and Ethics (LA)

This course teaches students to map arguments across positions, communities, and contexts, and to build skills in logic, research, cultural competency, and audience engagement. Through use of rhetorical theories, students develop projects that seek to transform conversations in social justice, current events, and scholarly inquiry. Prerequisites:

ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y)

Attributes: HU, LSCO, MC, WRPW, WRRRC

4 Credits

### WRTG 20500 Personal Essay (LA)

Introduction to writing essays in which students explore their own memories, experiences, observations, perspectives, and identities. Emphasis is placed on self-interrogation and inquiry, as well as craft techniques such as narration, description, reflection, and analysis. Course material will provide examples of the personal essay form and help students examine the insights and limitations of personal experience as they consider the self within the context of the larger world. Prerequisites: ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y)

Attributes: 3A, CA, HM, HU, TIDE, WRCW, WRRRC

4 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: ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y)

Attributes: ESTS, HU, WI, WRPW

4 Credits

### WRTG 21300 Technical Writing (LA)

Fundamentals for communicating technical, medical, and scientific 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: ICSM 10800, ICSM 11800, or WRTG 10600. (F,E)

Attributes: ESTS, HU, WI, WRPW

4 Credits

### WRTG 21700 Inquiry, Research, and 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, WRRRC

4 Credits

**WRTG 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 8 credits. Pass/fail only. Permission of instructor. (F,S,Y)

1 Credit

**WRTG 22500 Grammars and Usages (LA)**

Studies grammar as a constantly changing communal negotiation of how our many Englishes work. Examines grammar as it manifests in history, linguistics, literature, and education. Through both creative and technical assignments, students will develop their skills as writers, editors, copyeditors, speakers, and listeners. Prerequisites: ICSM 10800, ICSM 11800, or WRTG 10600. (F,S,Y)

Attributes: HU, WRCW

4 Credits

**WRTG 23200 Creative Nonfiction (LA)**

Advanced creative nonfiction course that blends the study of genre theory with writing practice, attention to writing process, and an introduction to nonfiction publishing in diverse venues. Focuses on writing works of various lengths that fit within, and perhaps test the boundaries of, the creative nonfiction genre. Prerequisites: 4 credits at the 200-level in WRTG. (F,S,Y)

Attributes: ESTS, HU, WRCW

4 Credits

**WRTG 23600 Fiction Writing I (LA)**

Students study and practice strategies of writing fiction, developing skills of process including conception, planning, drafting, reflection, and revision. Students analyze and discuss fiction from a diverse range of cultural experiences. Prerequisites: WRTG 17500. (F,S,Y)

Attributes: 3A, FA, WRCW

4 Credits

**WRTG 23800 Poetry Writing I (LA)**

A combination reading and practice course in which students will develop poetic strategies, encounter diverse contemporary lyric writing, and practice writing poetry to reflect a range of forms and modes within the genre. Attention will also be focused on how the choices we make as writers of poetry might shape what the reader experiences. Analysis of published models of poetry and student writing will lead to work in revision and culminate in a portfolio of revised pieces. Prerequisites: WRTG 17500. (F,S,Y)

Attributes: 3A, FA, WRCW

4 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

4 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 memoir course that blends the study of genre theory with writing practice and attention to writing process. Focuses on writing works of various lengths that fit within, and perhaps test the boundaries of, the memoir genre. Prerequisites: WRTG 20500 or WRTG 23600. (F,S,Y)

Attributes: 3A, FA, WRCW, WRCW

4 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. Students interrogate the complex relationship between form and content, analyze fiction from a diverse range of cultural experiences, and position their own writing in the world with intentionality. Prerequisites: WRTG 23600. (S,Y)

Attributes: FA, WRCW

4 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, WRCW, WRCW

4 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: One 200-level course in Liberal Arts and WRTG 10600 or ICSM 10800. (S,O)

Attributes: ESTS, WI, WRPW

4 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: One 200-level course in Liberal Arts and WRTG 10600 or ICSM 10800. (E,S)

Attributes: ESTS, WI, WRPW

4 Credits

**WRTG 31700 Proposal and Grant Writing (LA)**

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: One 200-level course in Liberal Arts and WRTG 10600 or ICSM 10800. (F,Y)

Attributes: ESTS, SL, WI, WRPW

4 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, WRCW, WRR

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 Rhetorics and Writing (LA)**

Explores how public writing opens windows onto social, environmental, cultural, or political realities for particular readers in specific places and times. Studies rhetorical situations—in which purpose, audience, medium, and context determine the form, including style, structure, content, and length. Through the writing they both analyze and produce, this advanced expository course invites students to bring their own values, perspectives, insights, and voice to bear on matters of public concern. Prerequisites: WRTG 20100, WRTG 20500, or WRTG 23200. (F,S,Y)

Attributes: ESTS, HU, LSCO, WRR

4 Credits

**WRTG 32500 Writing Children's and Young Adult 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: ESE, FA, WRCW

4 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, WRR

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 33200 Creative Nonfiction (LA)**

Advanced creative nonfiction course that blends the study of genre theory with writing practice, attention to writing process, and an introduction to nonfiction publishing in diverse venues. Focuses on writing works of various lengths that fit within, and perhaps test the boundaries of, the creative nonfiction genre. Prerequisites: 4 credits at the 200-level in WRTG. (F,S,Y)

Attributes: ESTS, WRCW

4 Credits

**WRTG 33300 Writing for Popular Media (LA)**

Covers the writing of feature articles, reviews, essay or op-ed columns, and other forms of nonfiction with attention to publication strategy. Coursework intends to prepare students for the process of publication in the professional world. Emphasis is placed on developing story ideas and writing in appropriate journalistic style, as well as researching, reporting, organizing, and pitching content suitable for publication. Prerequisites: 4 credits at 200-level in WRTG or 4 credits in JOUR. (F,Y)

Attributes: WRPW

4 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, WRCW

3 Credits

**WRTG 33600 Fiction Writing II (LA)**

Students build on the practice and strategies of Fiction Writing I to draft and revise more advanced works of fiction. Students interrogate the complex relationship between form and content, analyze fiction from a diverse range of cultural experiences, and position their own writing in the world with intentionality. Prerequisites: WRTG 23600. (F,S,Y)

Attributes: FA, WRCW

4 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, WRCW

4 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, WRPW

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

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 Writing Studies. Explores questions such as: How are authority and identity achieved in writing? How are language and literacy part of systems of power and privilege? What types of writing or discourse are privileged in higher education? How has assessment excluded certain voices in the academy? How does technology and multimodality impact how we think, read, write, learn and share cultural resources? Applies theoretical knowledge and skills to professional contexts and communities of practice. Prerequisites: WRTG 20100; WRTG 20500. (F,S,Y)

Attributes: ESE, HU, WRRC

4 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. (F,S,Y)

Attributes: HU, WRCW

4 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. Satisfies the ICC Capstone requirement. Permission of instructor required. Prerequisites: Two WRTG courses, at least one of which must be at 300-level. (F,S,Y)  
Attributes: CP, WI  
4 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, WRCW  
4 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.**

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

**Summary**

Code	Title	Credits
Writing B.A. Major Requirements		40
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		80
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

**Degree Requirements**

Writing, B.A.

Code	Title	Credits
<b>CORE COURSES</b>		
WRTG 16400	Writing for Professional Success (Writing for Professional Success)	4
WRTG 16600	Introduction to Literacy, Rhetoric, and Culture (Introduction to Literacy, Rhetoric, & Culture)	4
WRTG 17500	Introduction to Creative Writing	4
<b>INTERMEDIATE SUBGENRE COURSES</b>		
Select 12 credits at the 200-level from at least two areas below		12
Professional Writing (courses designated with attribute WRPW)		
Rhetoric and Culture (courses designated with attribute WRRC)		
Creative Writing (courses designated with attribute WRCW)		
<b>ADVANCED SUBGENRE COURSES</b>		
Select 12 credits at the 300-level or above from at least two areas below		12
Professional Writing (courses designated with attribute WRPW)		
Rhetoric and Culture (courses designated with attribute WRRC)		
Creative Writing (courses designated with attribute WRCW)		
<b>SENIOR EXPERIENCE</b>		
WRTG 41500	Senior Seminar	4
<b>Total Credits</b>		<b>40</b>

## Writing Minor

All writing courses in the minor should be taken in the Department of Writing and taken for a grade to count toward the minor. Writing courses at the 200-level or above must be completed with a 'C' or better.

Academic Writing I (WRTG 10600) and Ithaca College Seminars in Writing (ICSM 108xx, 118xx) do not count toward the writing minor.

Up to 8 credits in the writing minor may overlap with a student's writing requirements in a major.

Requirements

Code	Title	Credits
WRTG 1xxxx	Select one course at the 100-level <sup>1</sup>	4
WRTG 2xxxx	Select two courses at the 200-level with attribute designation WRCW, WRPW, or WRRC. The two courses can have the same or different attribute designations.	8
WRTG 3xxxx	Select two courses at the 300-level with attribute designation WRCW, WRPW, or WRRC. The two courses can have the same or different attribute designations.	8
Total Credits		20

### Additional Requirements for the Minor

1. All writing courses must be taken for a grade to count toward the minor. Writing courses at the 200-level or above must be completed with a C or better.
2. Up to 8 credits in the writing minor may overlap with a student's writing requirements in a major.

<sup>1</sup> Academic Writing I (WRTG 10600) and Ithaca College Seminars in Writing (ICSM 108xx, 118xx) cannot be used for this requirement.

## 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.

- Biological Anthropology Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/interdisciplinary-studies/biological-anthropology-minor/>)
- Counseling Minor (p. 516)
- Global Premodern Studies Minor (<https://catalog.ithaca.edu/undergrad/schools/school-humanities-sciences/interdisciplinary-studies/global-premodern-studies-minor/>)
- Latin American and Caribbean Studies Minor (p. 516)
- Media Literacy Minor (p. 517)
- Muslim Cultures Minor (p. 518)
- Neuroscience Minor (p. 518)

## Biological Anthropology Minor Counseling Minor

Katherine Cohen-Filipic, *Associate Professor of Sociology, 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	4
PSYC 32100	Abnormal Psychology	3
PSYC 34200	Family Therapy	3
	or PSYC 40500 Forms of Therapy	
SOCI/PSYC 40900	Skills for the Helping Professional	4
Two courses with the attribute CNSL Counseling Elective		6-8
Total Credits		20-22

## Global Premodern Studies Minor Latin American and Caribbean Studies

Jonathan Ablard, *Professor, Department of History*  
Camilo Malagon, *Assistant Professor, Department of World Languages, Literatures and Cultures*

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
<b>CORE COURSES</b>		
Select one of the following:		4
ARTH 26500	Modern Latin American Art	
HIST 23400	Modern Latin America	
HIST 23300	Colonial Latin America	
HIST 18400	The Islands: Caribbean History 1492 to the present	
POLT 33100	Latin American Politics	
SPAN 33300	Latin American Civilization and Culture	
SPAN 33800	Introduction to Latin American Literature	
<b>Electives</b>		16
Selected from courses designated as LACE "Latin American and Caribbean Elective"		
<b>Total Credits</b>		20

### Additional requirements for the minor

- You must take courses in at least two departments.
- You can share up to 8 credits with your major program(s).
- You can transfer up to 8 credits from Study Abroad program(s).
- Students may take only one of the following for credit as an elective: SPAN 10100, SPAN 10200, SPAN 20000, SPAN 32100, or SPAN 32300.

## 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
<b>CORE COURSES</b>		
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	Communication, Culture, and Rhetoric	
CNPH 10100	Introduction to Film Aesthetics and Analysis <sup>1</sup>	
TVR 12100	Introduction to Mass Media	
TVR 12200	Introduction to Media Aesthetics and Analysis	
TVR 12400	Introduction to Media Industries <sup>1</sup>	
<b>ADDITIONAL COURSES <sup>2</sup></b>		
No more than 3 credits of Additional Courses may be at the 100-level.		
<b>Interdisciplinary Media Analysis Perspectives</b>		6
Select six credits from courses with the attribute "MAP" with two different subject code prefixes <sup>3</sup>		
<b>Media Creation</b>		3
Select three credits from courses with the attribute "MC" <sup>3</sup>		
<b>Media Literacy Application</b>		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.		
<b>MULTI-MEDIA PORTFOLIO</b>		
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.		
<b>Total Credits</b>		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.

<sup>1</sup> This course may be open only to students in the Park School.

<sup>2</sup> Some courses designated for the Media Literacy minor may have additional prerequisites that students are responsible for meeting.

<sup>3</sup> 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.



# 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
<b>Conceptual Frameworks</b> <sup>1</sup>		<b>6</b>
HIST 22700	Islamic Civilizations: Muhammad to the 19th Century	
POLT 33300	Understanding Islam	
<b>History, Culture, Politics</b> <sup>2</sup>		
Select 6 credits from the list maintained by the coordinator.		6
<b>Comparative and International Study</b> <sup>3</sup>		
Select 6 credits from the list maintained by the coordinator.		6
<b>Total Credits</b>		<b>18</b>

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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

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
<b>Core Courses</b>		
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
<b>Restricted Electives</b>		
Select 6 to 8 credits from the following:		6-8
BIOL 21400	Animal Physiology	
BIOL 22700	Genetics	
BIOL 30200	Research in Biology <sup>1</sup>	
BIOL 30800	Animal Behavior	
BIOL 34500	Developmental Biology	
BIOL 35400	Cell Biology	
BIOL 40000	Research in Biology <sup>1</sup>	
EXSS 32000	Neuromuscular Control	
EXSS 45000	Independent Study in Exercise and Sport Sciences <sup>1</sup>	
EXSS 45100	Independent Study in Exercise and Sport Sciences <sup>1</sup>	
EXSS 47500	Research Team I: Exercise and Sport Sciences <sup>1</sup>	
PSYC 23200	Matters of the Mind: The Neuron and Beyond	
PSYC 302xx	First Semester Research Team <sup>1</sup>	
PSYC 303xx	Third Semester Research Team <sup>1</sup>	
PSYC 304xx	Third Semester Research Team <sup>1</sup>	
PSYC 33000	Cognition	
PSYC 46700	Psychopharmacology	
OTBS 41000	Neuroscience	
PSYC 35200	Independent Supervised Research <sup>1</sup>	

PSYC 45200	Advanced Independent Supervised Research <sup>1</sup>	
<b>Total Credits</b>		<b>20-22</b>

<sup>1</sup> A maximum of 3 credits from this course can count in the minor.

## School of Music, Theatre, and Dance

### Luis Loubriel & Steve TenEyck, Interim Deans

The School of Music, Theatre, and Dance brings two of Ithaca College's oldest and most prestigious programs together, allowing them to strengthen each other while maintaining the individuality of each. Ithaca College was founded by William Grant Egbert in 1892 as the Ithaca Conservatory of Music. Just five years later, the affiliated Williams's School of Expression and Dramatic Art brought a new mode of educating, engaging, and empowering our students through theory, practice, and performance. However, Mr. Egbert's plans for the institution were evident even sooner.

A catalog from the 1895-1896 academic year reads:

*"The aim of the founder of this institution has, from the very beginning, been to establish and carry on a Conservatory of Music and kindred branches of learning to meet the demand for an institution where thorough instruction can be obtained; which should foster and spread the highest known truths in the departments of arts laying within its scope; and which should be an active agent in widening the field affected by their refining and ennobling influence."* - William Grant Egbert

The School of Music, Theatre, and Dance, which launched on July 1, 2022, brings rich opportunities for unlocking the potential in our students and in the programs that serve them, building upon this remarkable legacy, and growing forward as we work to become more diverse, equitable, inclusive, and provide learning opportunities for students who transform the human condition through the art and practice of their disciplines. All programs are based in student centered and experiential learning to guide students of the performing arts, whether they are interested in a future that sees them being on the stage, behind the scenes, or in the classroom educating the next generation of learners.

## 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 12 must be gradable (No S,D,F or Pass/Fail grades). There are two exceptions to this:

- First semester first year music students, for which 11 gradable credits are acceptable.
- Music Education, and Music Education/Performance students enrolled in student teaching for which 12 gradable credits are acceptable.

An original grade of D, F, or I (incomplete) in a course automatically disqualifies the student from the dean's list, regardless of the overall GPA attained for that semester.

## ACADEMIC STATUS

Please see "Satisfactory Academic Progress (<https://catalog.ithaca.edu/academic-information/academic-standards-eligibility/>)" for details on College Warning, College Suspension and College Dismissal as well as the appeals process.

## MAJOR SPECIFIC POLICIES

Policies for specific majors with either the Center for Music, or the Center for Theatre and Dance can be found under their respective tabs.

### Programs

#### • Majors:

- Composition Major — B.M. (p. 597)
- Music Education Major — B.M. (p. 531)
- Music in Combination with an Outside Field Major — B.M. (p. 601)
- Music Major — B.A. (p. 603)
- Music Education and Performance Major — B.M. (p. 536)
- Performance Major — B.M. (p. 579)
- Performance, Collaborative Emphasis Major — B.M. (p. 586)
- Sound Recording Technology Major — B.M. (p. 587)
- Jazz Studies Major — B.M. (p. 589)

#### • Minor:

- Music Minor (p. 609)

#### • Concentration:

- Jazz Studies Concentration (p. 592)

## Admission to Music Majors and Minors Internal Transfers

Students, at Ithaca College, considering transfer into a Music major or those who are considering a music minor should contact the Associate Director of Music Admission for information regarding the required audition. However, coursework in 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 Music Admission office by emailing [mtd@ithaca.edu](mailto:mtd@ithaca.edu). All prospective music majors or minors will need to submit an Audition Form through GetAccepted.

Please be aware that some majors in Music have extensive credit requirements that may necessitate the addition of a semester or semesters of study.

## 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 Center of Music Associate Dean's 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 or voice during the standard audition dates which arranged through the MTD Admission office ([mtd@ithaca.edu](mailto:mtd@ithaca.edu) (<https://catalog.ithaca.edu/undergrad/schools/school-music-theatre-and-dance/mtd@ithaca.edu>)). Non-majors may begin the music minor as early as their first-year.

### applied 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 non majors, are subject to a private lesson fee in accordance with the schedule shown on the "Expenses" catalog page (p. 254). Students

should notify the music office of their interest in elective private lessons prior to registration.

Applied performance study are of two general classification: private lessons or group instruction. Private lessons may be either one-hour or 30 minutes each week, depending on the credit and the degree. A weekly one-hour Performance Seminar is a co-requisite to applied lessons for all music majors. Secondary instruments are taught in small groups and meet for either one or two hours per week.

## Performance and event attendance

All full-time music majors (BA/BM) in the School of Music, Theatre, and Dance, are required to attend a total of 12 performances and events during the semester. Suggested distribution is as follows:

- 3 Guest Artist or Faculty performances
- 2 ensemble performances
- 3 student performances
- 4 free choice performances, shows, or events

Free choice may include any additional of the above, a master class or any of the selected performances, shows or events as posted on the course syllabus each semester. The associate dean will determine how this policy applies to transfer student. Additional attendance requirements are at the option of the major teacher.

## Recital Requirements

All students enrolled in the B.M. in performance program must successfully perform two solo recitals as part of their degree requirements. All students enrolled in the B.M. in music education/performance (four-and-a-half-year) program must successfully perform one solo recital as part of their degree requirements. Required recitals are graded by three faculty members from Music, normally, the student's teacher and two faculty members from the instrument or voice area constitute the grading committee. Students not required to perform a recital may elect to perform in a graded recital with the permission of their applied teacher. Elective recitals are normally graded by only the student's teacher.

## JURY REQUIREMENTS

All undergraduate music majors must perform a jury at the end of each semester, normally occurring during final exam week. Students who perform a graded recital and students who are off-campus because of student teaching may be exempted at the discretion of their teacher. Non-major 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 members on the panel, the applied 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 Policies

All full-time music majors and minors normally participate in ensembles each semester until the ensemble degree requirements are fulfilled, unless they are off-campus for an academic experience.

One-credit (1.0) ensembles normally meet on average 4-5 hours per week including all sectionals and dress rehearsals. Half-credit (0.5) ensembles normally meet on average 2 hours per week including all sections and dress rehearsals. Specific ensembles for instruments, e.g. guitar and keyboard, may be exceptions.

The Directors of Ensembles, in consultation with the applied faculty, coordinate and manage the audition process.

## Course & Grade Policies

### Course Exemptions

Students may be exempted from courses in the Music major through examination by the departments concerned. Resulting credit deficiencies may be made up by taking additional music electives.

### 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 of 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 (<https://catalog.ithaca.edu/undergrad/schools/school-music/#majorsandminortext>)

### Academic advising

Each student in the Center of Music will be assigned an advisor. All students are should meet with their advisor prior to registration.

### Honors Courses

Presently, we are offering honors sections in Aural Skills courses only.

The following are courses with honors sections:



Code	Title	Credits
MUTH 12601	Aural Skills I - Honors	2
MUTH 22501	Aural Skills II - Honors	2
MUTH 22601	Aural Skills III – Honors	2

## Music Performance

### Music Performance Policies

Music Performance classes are considered non-liberal arts (NLA) courses for music majors because of the emphasis placed on performance. Music Performance classes are considered 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, music performance and music education/music performance (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 class for that instrument.

The following table shows music performance lessons (principal) levels and credits to be taken within degree programs of the School of Music.

### Credits of Applied Performance Study Per Semester

Program	Levels of Performance Study	Credits
Music Education	I-IV (two semesters at each level I-III; 1 semester at level IV)	2
Music education/performance	I-IV (two semesters at each level)	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

## Center For Music Academic Policies

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, aural skills, 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.

### AURAL SKILLS, KEYBOARD MUSICIANSHIP, AND RECITAL GRADES

Students must repeat keyboard musicianship or Aural Skills 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 recital program must be performed when repeating the course.

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 program warning. Deficiencies in any area of preparation may necessitate remedial courses and may delay graduation.

Students who fail to meet program standards are subject to immediate suspension or suspension after a warning period. Each case is reviewed on an individual basis by the associate dean of the Center 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.

### CENTER OF MUSIC PROGRAM WARNING, SUSPENSION, READMISSION

#### Program Warning

A letter of warning notifies the student that the center's academic requirements have not been met. Continued deficiencies may lead to suspension or dismissal from the Center of Music. The following are deficiencies that lead to academic warning:

1. A grade below C- (1.70) in private-lesson study
2. Two successive failures in a music course required in the student's program (or two successive grades below C- (1.70) in either keyboard musicianship or aural skills), or withdrawal from a required music course previously failed, or failure to enroll in the subsequent offering of a required music course previously failed
3. Failure to enroll in and successfully complete music theory, aural skills, or keyboard musicianship class over two consecutive semesters

During the semester that program warning is in effect, the student must fulfill the specific requirements listed in the letter of warning or face suspension or dismissal from the Center of Music.

#### Program Suspension

A student being suspended from a program in the Center 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 in the program until the semester specified by the notification letter as well as the procedures for applying for a return to the program in the Center of Music, and the general expectations of performance upon resumption of studies are indicated.

### Program Dismissal

A student being dismissed from a program in the Center of Music and Ithaca College is informed with a formal letter of dismissal. The dismissal is final and there are no options for return.

### Programs

#### • Majors:

- Acting Major, B.F.A. (p. 619)
- Musical Theatre Major, B.F.A. (p. 619)
- Stage Management Major, B.F.A. (p. 628)
- Theatre Administration Major, B.S. (p. 629)
- Theatre Production and Design Major, B.F.A. (p. 630)
- Theatre Studies Major, B.A. (p. 638)

#### • Minors:

- Dance Minor (p. 620)
- Theatre Minor (p. 639)

## LONDON & EDINBURGH PROGRAMS

The Center of Theatre and Dance collaborates with the Ithaca College London Center (<https://www.ithaca.edu/academics/london-center/>) to offer a variety of courses and experiences integrating British drama and culture. Additionally, students attending London in the fall can take advantage of the short term abroad program to the Edinburgh Festivals (<https://www.ithaca.edu/academics/school-music-theatre-and-dance/student-resources/theatre-department-handbook/study-opportunities/edinburgh-festivals/>). Please refer to the International Programs section or see course descriptions.

## ADMISSION TO Theatre And Dance MAJORS AND MINORS

All majors offered by the Center of Theatre and Dance require an audition or interview. Please see the School of Music, Theatre & Dance website (<https://www.ithaca.edu/academics/school-music-theatre-and-dance/apply/>) for specifics on how to apply.

### Internal Transfers

**Acting, B.F.A and Musical Theatre, B.F.A:** Applicants should contact the Center for Theatre and Dance at MTD@ithaca.edu and will need to submit a pre-screen application via Acceptd (<https://app.getacceptd.com/ithacamtd/>) before 12/1. Pending a successful prescreen applicants will then be invited to schedule an audition on the first audition. This program admits applicants into the studio sequence for fall entrance only.

**Theatre Studies, B.A.:** Applicants must complete the Change of Major form via IC Workflow (<https://www.ithaca.edu/academics/registrar/forms/student-forms/>). After completion of the form, the applicant will 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. Applicants must have a minimum cumulative GPA of 3.0 to apply for transfer to the Theatre Studies Department. Having the minimum cumulative GPA to apply for transfer does not guarantee

admission. Applicants who have an interest in theatre and are not accepted into the major are encouraged to add the theatre minor.

**Theatre Production & Design, B.F.A.:** Applicants should contact the Center for Theatre and Dance at MTD@ithaca.edu and will need to submit a resume and portfolio via Acceptd (<https://app.getacceptd.com/ithacamtd/>). Applicants will then be invited to schedule an interview. This program admits applicants into the studio sequence for fall entrance only.

**Stage Management, B.F.A.:** Applicants should contact the Center for Theatre and Dance at MTD@ithaca.edu and will need to submit a resume and portfolio on Acceptd (<https://app.getacceptd.com/ithacamtd/>). Applicants will then be invited to schedule an interview. This program admits applicants into the studio sequence for fall entrance only.

**Theatre Administration, B.S.:** Applicant should contact the Center for Theatre and Dance at MTD@ithaca.edu and need to apply via Acceptd (<https://app.getacceptd.com/ithacamtd/>). Students need to be in satisfactory academic standing with a minimum overall GPA of 2.5 and have no judiciary grievance on their record. Applicants will then be invited to an interview.

**Theatre Minor:** Applicants need to submit a Change of Major (<https://www.ithaca.edu/academics/registrar/forms/student-forms/>) form via Workflow. Before declaring the minor, applicants must have completed, or be registered in THEA 102xx: Technical Theatre Practicum.

**Dance Minor:** Applicants should contact the Center for Theatre and Dance at MTD@ithaca.edu to schedule an appointment with the Dance Minor Coordinator to discuss pathways and to schedule an audition.

## REVIEW OF STUDENTS

The Acting, B.F.A., Musical Theatre, B.F.A., and Theatre Production and Design, B.F.A., conduct reviews of students against programmatic criteria. The student will receive feedback after each review. For programmatic criteria and frequency of reviews please see the Center for Theatre and Dance website (<https://www.ithaca.edu/academics/school-music-theatre-and-dance/student-resources/theatre-and-dance-handbook/student-review/>).

### ENHANCED ATTENDANCE FOR THEATRE MAJORS

Many of the B.F.A. programs have modified attendance policies for studio coursework. For these policies, please see the Center for Theatre and Dance Student Resources (<https://www.ithaca.edu/academics/school-music-theatre-and-dance/student-resources/theatre-and-dance-students/academic-information-and-policies/program-policies-and-information/>) (<https://www.ithaca.edu/academics/school-music-theatre-and-dance/student-resources/theatre-and-dance-students/academic-information-and-policies/program-policies-and-information/>) for more information.

### ACADEMIC ADVISING

Each student in the Center for Theatre and Dance will be assigned an advisor. It is required that all students meet with their advisor prior to registration.

### GRADUATION REQUIREMENTS

In order to graduate from a Theatre and Dance major, 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.

See the following programs for the specific requirements for each degree program in the School of Music, Theatre, and Dance:

Majors

- Majors within the Center for Music:
  - Composition Major — B.M. (p. 597)
  - Music Education Major — B.M. (p. 531)
  - Music in Combination with an Outside Field Major — B.M. (p. 601)
  - Music Major — B.A. (p. 603)
  - Music Education and Performance Major - B.M. (p. 536)
  - Performance Major — B.M. (p. 579)
  - Performance, Collaborative Emphasis Major — B.M. (p. 586)
  - Sound Recording Technology Major — B.M. (p. 587)
  - Jazz Studies Major — B.M. (p. 589)
- Majors within the Center for Theatre and Dance:
  - Acting Major - B.F.A. (p. 619)
  - Musical Theatre Major B.F.A. (p. 619)
  - Stage Management Major - B.F.A. (p. 628)
  - Theatre Administration Major - B.S. (p. 629)
  - Theatre Production and Design Major - B.F.A. (p. 630)
  - Theatre Studies Major - B.A. (p. 638)

Minors

- Music Minor (p. 609)
- Theatre Minor (p. 639)
- Dance Minor (p. 620)

Concentrations

- Jazz Studies Concentration (p. 592)

Course Prefixes and Numbering System

Course Prefixes

DNCE	Dance Courses
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
THEA	Theatre Courses

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 Pre-

Kindergarten through 12th grade (PreK-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 student conduct record is also required.

During a student's pursuit of the Music Education or Music Education and Performance 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 (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 Student Teaching**

Senior Student Teaching: MUED 46912 represents the culminating experience in the music education curriculum.

#### **Prerequisites for Senior Student Teaching**

- A minimum cumulative GPA of 2.70
- C- or better in music theory courses MUTH 11100/MUTH 11200, MUTH 12300, and MUTH 22400
- C- or better in aural skills courses MUTH 12600, MUTH 22500, and MUTH 22600 (or the corresponding honors-level courses)
- C- or better in Music in Context courses MUTH 25300 and MUTH 25400
- A minimum cumulative average of C+ in Private Lessons
- C+ or better in all MUED and PFSM courses
- Successful completion of the EDUC workshops/seminars: EDUC 19210, EDUC 19230 and EDUC 19240
- Successful completion of the EDUC course sequence: EDUC 21010, EDUC 23900 and EDUC 34000

Students who fail to achieve the academic criteria listed must meet with the department chair to arrange the necessary remedial coursework.

### **Progression of Student Teacher Responsibilities**

Senior student teaching is a culminating clinical experience for teacher candidates. Over the course of the placement, you should assume increasing responsibilities until you are acting as the lead teacher. As the placement progresses, it is appropriate for you to sometimes be left alone with students. These independent teaching opportunities offer insight into your teacher identity and the ways in which P-12 students interact



with you when your cooperating teacher is not present. If possible, you and your cooperating teacher should discuss plans for independent teaching in advance so you are prepared to sustain a positive learning environment for the P-12 students. #Independent teaching should always be for your benefit and the benefit of your students. You should communicate with your Ithaca College supervisor if you have questions or concerns about the frequency or nature of your independent teaching.

### Commitment to Community

Our commitment to the communities in which we place teacher candidates is a critical component of our teacher preparation programs. In the student teaching experience, you are expected to engage with all members of the school community, both inside and outside of the classroom. You are encouraged to immerse yourself in the school community, including non-classroom duties (cafeteria duty, playground duty, faculty meetings, co-curricular activities, family conferences, etc.), as long as it is for your benefit and the benefit of the P-12 students. You should not be removed from your scheduled instructional responsibilities in order to supervise non-instructional activities. If you have concerns about your non-instructional responsibilities, communicate with your Ithaca College supervisor. #Appendix F offers examples of how community involvement might occur.

### Public School vs. Ithaca College Calendar

During the student teaching block, you follow the established schedule of the school district, *not* the schedule of the college. The result is that any vacations, holidays, and days off are those of the public schools; student teachers do *not* take days off from teaching during the college's breaks. **You are to be present at the teaching site ready to teach each day and not take any days off for personal reasons. There are no exceptions to this policy.** #Please note that the student teaching blocks are not identical to Ithaca's academic blocks, as communicated at the beginning of application process for senior student teaching placement.

### General Responsibilities of Student Teachers

It is important to keep in mind that the student teaching experience is key to your growth and development as a teacher candidate and also to your potential for employment as a teacher. As a student teacher, you will be constantly observed by students, colleagues, administrators, and your IC faculty. Virtually everything you do will be evaluated as indicating your abilities and potential as a teacher. In addition, you are a professional representing the institution that prepared you. *Take a broad and careful view of all that you do during these all-important weeks.*

Throughout the senior student teaching experience, you are expected to conduct yourself as a full-time teacher, observing the professional rules of conduct of the teachers and administrators with whom you are working. You are their colleague, and you owe them and your students your full commitment and your very best work. #If you are not able to be at school, you are to notify your cooperating teacher and supervisor immediately. You and your cooperating teacher and supervisor are to document the number of missed days which are not to extend beyond the number of permitted days allotted by the school policy.

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 make the student teaching experience their primary focus.

- Report to school each day on time and fully prepared for the full school day. Assume responsibility for any extra duties or meetings you might have before school begins and/or after it ends. This means arriving no later than full-time teachers arrive and leaving no earlier than they leave. In general, you are expected to follow the schedule maintained by your Cooperating Teacher.
- Familiarize yourself with and follow carefully all school policies. If the school district or school in which you are teaching has a faculty handbook, ask for a copy and read it thoroughly.
- Adhere to the standards of professionalism for attire, demeanor, and dispositions established for teacher candidates by Ithaca College. If the school in which you are teaching has an established code of attendance, professional ethics or a dress code, you are expected to follow it.
- A word to the wise: Whether you realize it or not, you will be carefully evaluated by your colleagues and your students on the way in which you dress. School administrators, teachers, students, and family members should be able to tell at a glance that you are a member of the school's professional staff.
- Early in your placement, discuss with your Cooperating Teacher a schedule for your gradual assumption of responsibilities. Provide a copy of your daily schedule to your College Supervisor as soon as you have it.
- Always be prepared. Keep to the required schedule of submitting lesson plans for review by your Cooperating Teacher. Lesson plans should be thoughtful and thorough and detailed enough that a substitute teacher could follow them.
- If you are ill and unable to teach, you must inform your Cooperating Teacher and College Supervisor in a timely fashion. #If you must be absent, please keep in mind that *you are still responsible for lesson plans for the classes you will miss*; that is, *you must* provide your Cooperating Teacher with the lesson plan(s) that you intended to teach on the day(s) of your absence.
- Absences and tardies are strongly discouraged as they will diminish the experience you have. Making up such experiences are not quite possible outside of the allocated days and times you have been granted to teach. **Any accommodations that may be granted to you may not fundamentally alter the requirements of the student teaching experience.** If you need an accommodation, please request this during the placement process. If you are not able to be at school, you are to notify your Cooperating Teacher and College Supervisor immediately. You and your Cooperating Teacher and College Supervisor are to document the number of missed days which are not to extend beyond the number of permitted days allotted by the school policy.
- Treat with confidentiality all information that comes to you about individual students. If you sense that a student is in crisis, inform your Cooperating Teacher. It is not your responsibility to become personally involved in these situations; it is your responsibility to ensure that the proper school personnel are notified. In all situations, you are required to respond as a reasonably prudent and careful person would under the circumstances involved.
- Get actively involved with professional opportunities and extracurricular activities sponsored by the school. #Go to games, performances, dances, etc. #It means so much to your students to see you out of school, supporting their community and their co-curricular education.
- Under no circumstances offer students rides in your car.
- Student teaching is a full-time commitment regulated by NYSED requiring full days in public schools and additional hours spent in

planning, grading, and after-school activities. As a result, you are not allowed to enroll in additional courses or to participate in musical ensembles, performances, or recitals. You are not permitted to serve as an accompanist or assistant in any on campus performances or lessons. Students violating this policy will be subject to a dispositions contract, lowering of grade by a minimum of one letter grade, removal from student teaching, delayed graduation, or removal from the MUED degree program.

- We strongly recommend that you arrange not to work at any other job during student teaching. If you must have a paying job while you are student teaching, it must in no way interfere with your teaching responsibilities, including those that are an assumed, daily part of after-school hours, such as grading, planning, preparation, contacting parents and families, attending faculty meetings, etc. *Assisting or accompanying at Ithaca College performances for pay is prohibited during student teaching.* If you must work during the professional semester, please discuss your proposed hours and the nature of your work with your College Supervisor.
- If a problem arises during the course of your student teaching, please immediately contact your College Supervisor, the Director of Senior Music Student Teaching Placement, or the Chair of the Music Education Department.

### 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.

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. 254); they may be counted as music electives.

### Senior Student Teaching

Complete information concerning prerequisite coursework, assignments, procedures and policies, and other information can be found in the Senior Student Teaching Handbook.

## Majors

- Music Education Major — B.M. (p. 531) - 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 pre-kindergarten through the 12th grade (PreK-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.
- Music Education and Performance Major - B.M. (p. 536) - (Nine semester program of study) — This single degree program combines intensive study on a student’s primary instrument, including two credits of 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 pre-kindergarten through the 12th grade (PreK-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 music education philosophy and contemporary issues in music education. (F,Y)

Attributes: TE

1 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 10300 Vocal Techniques (NLA)

Primarily for the instrumental music education major, this MUED course focuses on healthy vocal production and pedagogy in school music settings. Basics of singing and vocal development will be covered, as will the pedagogical uses of the voice in instrumental music education settings and personal connections to vocal music. (F,S)

1 Credit

### MUED 12700 Double Reed Methods (NLA)

This course provides performance and pedagogy techniques for oboe and bassoon to prepare students as future music teachers and instrumental ensemble directors. (F,S)

1 Credit

**MUED 14000 Drum Set Methods (NLA)**

Drum set secondary instrument study for percussion music education students. Exploration of drum set musicianship, technique, coordination, instrument setup/maintenance, repertoire development, and teaching methods. (IRR)

1 Credit

**MUED 14100 Percussion Methods (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. (F,S)

1 Credit

**MUED 14700 String Methods I (NLA)**

This course is designed to provide string music education majors with strategies for teaching and playing string instruments as future music teachers and instrumental ensemble directors. Focus is placed on NYSSMA Levels 1 & 2 (beginning) performance standards for the violin, viola, cello, and double bass. (S)

2 Credits

**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 20900 String Techniques (NLA)**

This course is designed to provide the non-string music education major with strategies for teaching and playing string instruments as future music teachers and instrumental ensemble directors. (F,S)

1 Credit

**MUED 21100 Band Techniques (NLA)**

This course is designed to help students develop knowledge of woodwind, brass, and percussion techniques as future music teachers and instrumental ensemble directors. (F,S)

2 Credits

**MUED 23000 Brass Methods (NLA)**

This course provides performance and pedagogy techniques for brass instruments to prepare students as future music teachers and instrumental ensemble directors. (F,S)

2 Credits

**MUED 23100 Woodwind Methods (NLA)**

This course provides performance and pedagogy techniques for woodwind instruments to prepare students as future music teachers and instrumental ensemble directors. (F,S)

2 Credits

**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 24700 String Methods II (NLA)**

This course is a continuation of MUED 14700: String Methods I and is designed to provide string music education majors with strategies for teaching and playing string instruments as future music teachers and instrumental ensemble directors. Focus is placed on NYSSMA Levels 3 & 4 (intermediate) performance standards for the violin, viola, cello, and double bass. Prerequisites: MUED 14700. (S)

2 Credits

**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. (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 30000 Diversity, Equity and Inclusion in Music Education (NLA)**

An examination of diversity, equity and inclusion in music education with special attention paid to public education in K-12 contexts. Topics address age-appropriate classroom music selection, pedagogical approaches, curriculum planning, assessment strategies, and arts integration. Students explore a balance of research and practice with an emphasis on expanding their skills and understandings for inclusive music education practices aimed to serving diverse populations. (F,S)  
2 Credits

**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)**

This course explores topics relating to the implementation of a successful school orchestra music program, including rehearsal techniques for teaching NYSSMA Levels 1-6 orchestral repertoire, philosophical issues, national and state standards, administrative duties, evaluation, assessment, recruitment techniques, ensemble classroom management, and advocacy/parent relations. The course also serves as a forum for field experience questions and issues. Corequisites: MUED 37100. Prerequisites: MUED 24700. (F)  
Attributes: TE  
2-3 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. 1 credit. (S)  
Attributes: TE  
1 Credit

**MUED 36400 General Music Methods (NLA)**

In this course, students will examine specific approaches to general music teaching in the context of content, lesson, and curriculum development. Classroom management and logistics, teaching language, and strategies for student engagement are a part of this course. Additionally, students will also learn to play a selection of classroom instruments and the appropriate pedagogies for teaching these instruments to children. Prerequisites: MUED 10100 and MUED 26700. (F,S)  
2 Credits

**MUED 36800 Choral Methods (NLA)**

The study and practical application of materials and techniques for teaching choral music in elementary, middle, and high school. Special consideration is given to music for the changing-voice choir. Additional topics include observation, discussion, practice, and planning of choral programming, choral classrooms, and choral programs. (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)**

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. Students learn techniques for teaching woodwind, brass, and percussion instruments in private, small group and large ensemble settings. Also a forum for field experience questions and issues. Corequisites: MUED 37100. Prerequisites: MUED 10100; MUED 23000; MUED 23100. (F)  
Attributes: TE  
2-3 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 39500 Emerging Practices in Music Education (NLA)**

This course examines future possibilities in music education. In particular it focuses in on emerging practices in K-12 and community music contexts. Topics center on music teacher education, student learning in facilitated environments, learner-led and informal/non-institutionalized environments. Students will explore a balance of research and practice with an emphasis on pedagogical possibilities in innovative and inclusive music education. Prerequisites: MUED 10100. (IRR)  
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. This is a capstone experience including significant student reflection and synthesis of prior coursework. (F,S)  
Attributes: CP  
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.

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

### Summary

Code	Title	Credits
	Music Education, Vocal B.M. Major Requirements	97
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	23
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

### Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 7 semesters concurrent with private lessons)	0
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)	2
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
Choose two of the following		2
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	
MUPS 17300	Performance Diction III: German Lyric Diction	
MUPS 17400	Performance Diction IV: French Lyric Diction	
MUEN xxxxx	Any 7 credits of Music Ensemble on primary instrument determined by private instructor and conductors <sup>1</sup>	7
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2

or MUTH 12601Aural Skills I - Honors		
MUTH 22500	Aural Skills II	2
or MUTH 22501Aural Skills II - Honors		
MUTH 22600	Aural Skills III	2
or MUTH 22601Aural Skills III – Honors		
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 27300	Keyboard Musicianship Skills for the Music Classroom	1
PFSM 27400	Advanced Keyboard Musicianship Skills for the Music Classroom	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	

#### MUSIC EDUCATION REQUIREMENTS

MUED 10100	Introduction to Music Education: Career Orientation	1
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#### Pedagogy Requirements

MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 36400	General Music Methods	2
MUED 36800	Choral Methods	2

#### Conducting Sequence

MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2

#### Music Education General Musicianship Requirements

MUED 20900	String Techniques	1
MUED 21100	Band Techniques	2

#### Student Teaching-Internships-Capstones

MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching (CP)	12

Fulfills the capstone requirement and will serve to synthesize aspects of the integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

#### Non-Music Liberal Arts Requirements

EDUC 21010	Educational Psychology	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3

#### Mandated EDUC Workshops

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
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**Total Credits** **97**

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about//undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Music Education, Keyboard B.M. Major Requirements		98
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		22
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 7 semesters concurrent with private lessons)	0
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)	2
<b>Secondary Private Lessons</b>		
PFMJ 10102	Voice I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20102	Voice II - Secondary Instrument (1 credit times 2 semesters)	2
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	1
	or MUPS 17300Performance Diction III: German Lyric Diction	
	or MUPS 17400Performance Diction IV: French Lyric Diction	
MUEN xxxxx	Any 5 credits of Music Ensemble on primary instrument determined by private instructor and conductors <sup>1</sup>	5
MUEN 11700	The Pianist as Collaborator	1
MUEN 11800	The Pianist as Collaborator	1
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0

MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601Aural Skills III – Honors	
PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
	Three credits from the following options	3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	

### MUSIC EDUCATION REQUIREMENTS

MUED 10100	Introduction to Music Education: Career Orientation	1
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### Pedagogy Requirements

MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 36400	General Music Methods	2
MUED 36800	Choral Methods	2

### Conducting Sequence

MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2

### Music Education General Musicianship Requirements

MUED 20900	String Techniques	1
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### Student Teaching-Internships-Capstone

MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching (CP)	12

Fulfills the capstone requirement and will serve to synthesize aspects of the integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

### Liberal Arts Requirements

EDUC 21010	Educational Psychology	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3

### Mandated EDUC Workshops

EDUC 19210	Child Abuse Identification and Prevention	0
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EDUC 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
<b>Total Credits</b>		<b>96</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about//undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
	Music Education, Guitar B.M. Major Requirements	98
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	22
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>Private Lesson Requirement</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 7 semesters concurrent with private lessons)	0
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)	2
<b>Secondary Private Lessons</b>		
PFMJ 10102	Voice I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20102	Voice II - Secondary Instrument (1 credit times 2 semesters)	2
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	1
	or MUPS 17300 Performance Diction III: German Lyric Diction	
	or MUPS 17400 Performance Diction IV: French Lyric Diction	
MUEN xxxxx	Any 5 credits of Music Ensemble on primary instrument determined by private instructor and conductors <sup>1</sup>	5
MUEN 11500	Guitar Ensemble (1 credit times 2 semesters)	2
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601 Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501 Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601 Aural Skills III - Honors	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	

### MUSIC EDUCATION REQUIREMENTS

MUED 10100	Introduction to Music Education: Career Orientation	1
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### Pedagogy Requirements

MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 36400	General Music Methods	2
MUED 36800	Choral Methods	2

### Conducting Sequence

MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2

### Music Education General Musicianship Requirements

MUED 20900	String Techniques	1
MUED 21100	Band Techniques	2

### Student Teaching-Internships-Capstone

MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching (CP)	12

Fulfills the capstone requirement and will serve to synthesize aspects of the integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

### Non-Music Liberal Arts Requirements

EDUC 21010	Educational Psychology	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3

### Mandated EDUC Workshops



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
<b>Total Credits</b>		<b>98</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
	Music Education, Wind B.M. Major Requirements	97
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	23
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 7 semesters concurrent with private lessons)	0
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)	2
MUEN xxxxx	Any 7 credits of Music Ensemble on primary instrument determined by private instructor and conductors <sup>1</sup>	7
Choral Ensemble	Any choral ensemble	1
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601 Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501 Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601 Aural Skills III – Honors	

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	

### MUSIC EDUCATION REQUIREMENTS

MUED 10100	Introduction to Music Education: Career Orientation	1
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### Pedagogy Requirements

MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 37500	Wind Instrument Pedagogy	3

### Conducting Sequence

MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2

### Music Education General Musicianship Requirements

MUED 10300	Vocal Techniques	1
MUED 20900	String Techniques	1
MUED 12700	Double Reed Methods	1
MUED 14100	Percussion Methods	1
MUED 23000	Brass Methods	2
MUED 23100	Woodwind Methods	2

### Student Teaching-Internships-Capstone

MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching (CP)	12

Fulfills the capstone requirement and will serve to synthesize aspects of the integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

### Non-Music Liberal Arts Requirements

EDUC 21010	Educational Psychology	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3

### Mandated EDUC Workshops

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

**Total Credits** **97**

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
	Music Education, Percussion B.M. Major Requirements	97
	Integrative Core Curriculum Requirements <sup>1</sup>	23
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 7 semesters concurrent with private lessons)	0
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)	2
MUEN xxxxx	Any 7 credits of Music Ensemble on primary instrument determined by private instructor and conductors <sup>1</sup>	7
Choral Ensemble	Any choral ensemble	1
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601 Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501 Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601 Aural Skills III – Honors	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	

<b>MUSIC EDUCATION REQUIREMENTS</b>		
MUED 10100	Introduction to Music Education: Career Orientation	1
<b>Pedagogy Requirements</b>		
MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 37500	Wind Instrument Pedagogy	3
<b>Conducting Sequence</b>		
MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2
<b>Music Education General Musicianship Requirements</b>		
MUED 10300	Vocal Techniques	1
MUED 12700	Double Reed Methods	1
MUED 14000	Drum Set Methods	1
MUED 20900	String Techniques	1
MUED 23000	Brass Methods	2
MUED 23100	Woodwind Methods	2
<b>Student Teaching-Internships-Capstones</b>		
MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching (CP)	12
Fulfills the capstone requirement and will serve to synthesize aspects of the integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		
<b>Non-Music Liberal Arts Requirements</b>		
EDUC 21010	Educational Psychology	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3
<b>Mandated EDUC Workshops</b>		
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
<b>Total Credits</b>		<b>97</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Music Education, Strings B.M. Major Requirements		96
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		24
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 7 semesters concurrent with private lessons)	0
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)	2
MUEN xxxxx	Any 7 credits of Music Ensemble on primary instrument to be determined by private instructor and conductors <sup>1</sup>	7
Choral Ensemble	One credit of any choral ensemble	1
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601 Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501 Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601 Aural Skills III – Honors	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
<b>MUSIC EDUCATION REQUIREMENTS</b>		
MUED 10100	Introduction to Music Education: Career Orientation	1
<b>Pedagogy Requirements</b>		
MUED 26700	Music Education for Children	2

MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 34700	String Pedagogy	3
<b>Conducting Sequence</b>		
MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2
<b>Music Education General Musicianship Requirements</b>		
MUED 10300	Vocal Techniques	1
MUED 14700	String Methods I	2
MUED 21100	Band Techniques	2
MUED 24700	String Methods II	2
<b>Student Teaching-Internships-Capstone</b>		
MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching (CP)	12
	Fulfills the capstone requirement and will serve to synthesize aspects of the integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.	
<b>Non-Music Liberal Arts Requirements</b>		
EDUC 21010	Educational Psychology	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3
<b>Mandated EDUC Workshops</b>		
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
<b>Total Credits</b>		<b>96</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

## Music Education and Performance Major - B.M.

This B.M. degree requires 30 liberal arts credits out of the 135 credits required for graduation.

## Summary

Code	Title	Credits
Music Education and Performance, Vocal B.M. Major Requirements		117
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		18
<b>Total Credits</b>		<b>135</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
<b>Private lessons</b>		<b>18</b>
PFMJ 10100	Voice I - Music Major (4 credits)	
PFMJ 20100	Voice II - Music Majors (4-6 credits)	
PFMJ 30100	Voice III - Music Majors (4-6 credits)	
PFMJ 40100	Voice IV - Music Majors (4-6 credits)	
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	1
MUPS 17300	Performance Diction III: German Lyric Diction	1
MUPS 17400	Performance Diction IV: French Lyric Diction	1
<b>Ensemble <sup>1</sup></b>		
MUEN xxxxx	Any 8 credits of Music Ensemble on primary instrument determined by private instructor and conductors	8
<b>ADDITIONAL PERFORMANCE REQUIREMENTS</b>		
<b>Singing Performer</b>		
MUPS 12000	The Singing Performer I: Body Awareness	1
MUPS 12200	The Singing Performer II: Voice and Body Connection	1
MUPS 22000	The Singing Performer III: Interpretation and Integration	2
Three credits from the following options:		3
MUPS 14300	Selected Topics: Vocal Forum	
MUPS 32000	The Singing Performer IV: Lyric Theatre Workshop	
MUMC 4200x	Selected Topics in Art Song Literature	
MUMC 45500	Vocal Pedagogy : Application and Practice of Voice Teaching	
<b>Recital</b>		
MUPS 36300	Junior Recital Vocal Coaching and Lab or MUPS 46300Senior Recital Vocal Coaching and Lab	1
MUPS 27300	Music Recital	2
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I or MUTH 12601Aural Skills I - Honors	2

MUTH 22500	Aural Skills II or MUTH 22501Aural Skills II - Honors	2
MUTH 22600	Aural Skills III or MUTH 22601Aural Skills III – Honors	2
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three Credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 27300	Keyboard Musicianship Skills for the Music Classroom	1
PFSM 27400	Advanced Keyboard Musicianship Skills for the Music Classroom	1
<b>MUSIC EDUCATION REQUIREMENTS</b>		
MUED 10100	Introduction to Music Education: Career Orientation	1
<b>Pedagogy Requirements</b>		
MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 36400	General Music Methods	2
MUED 36800	Choral Methods	2
<b>Conducting Sequence</b>		
MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2
<b>Music Education General Musicianship Requirements</b>		
MUED 20900	String Techniques	1
MUED 21100	Band Techniques	2
<b>Student Teaching-Internships-Capstones</b>		
MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching	12
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		
<b>Non-Music Liberal Arts Requirements</b>		
EDUC 21010	Educational Psychology	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3
xxxxx	Modern Language	4
<b>Mandated EDUC Workshops</b>		
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
<b>Total Credits</b>		<b>117</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Music Education and Performance, Keyboard B.M. Major Requirements		113
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		22
<b>Total Credits</b>		<b>135</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semester concurrent with private lessons)	0
<b>Private Lessons</b>		<b>22</b>
PFMJ 10300	Piano I - Music Majors (4-8 credits)	
PFMJ 20300	Piano II - Music Majors (4-8 Credits)	
PFMJ 30300	Piano III - Music Majors (4-8 Credits)	
PFMJ 40300	Piano IV - Music Majors (4-8 Credits)	
PFMJ 10102	Voice I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20102	Voice II - Secondary Instrument (1 credit times 2 semesters)	2
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	1
	or MUPS 17300 Performance Diction III: German Lyric Diction	
	or MUPS 17400 Performance Diction IV: French Lyric Diction	
<b>Ensembles <sup>1</sup></b>		
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
Choral Ensemble	Any choral ensemble (1 credit times 2 semesters)	2
MUEN xxxxx	Any chamber music ensemble	1

<b>ADDITIONAL PERFORMANCE REQUIREMENTS</b>		
MUPS 27300	Music Recital	2
Four credits from the following options		4
MUPS 20000	Basic Piano Pedagogy	
	or MUPS 21000 Group Piano Pedagogy	
	or MUPS 41000 Piano Pedagogy Forum	
	or MUPS 48500 Survey of Piano Literature I	
	or MUPS 48600 Survey of Piano Literature II	
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601 Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501 Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601 Aural Skills III - Honors	
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three Credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
<b>MUSIC EDUCATION REQUIREMENTS</b>		
MUED 10100	Introduction to Music Education: Career Orientation	1
<b>Pedagogy Requirements</b>		
MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 36400	General Music Methods	2
MUED 36800	Choral Methods	2
<b>Conducting Sequence</b>		
MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2
<b>Music Education General Musicianship Requirements</b>		
MUED 20900	String Techniques	1
MUED 21100	Band Techniques	2
<b>Student Teaching-Internships-Capstones</b>		
MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching	12

Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

#### Non-Music Liberal Arts Requirements

EDUC 21010	Educational Psychology (SO)	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3

#### Mandated EDUC Workshops

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

**Total Credits** **113**

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Music Education and Performance, Guitar B.M. Major Requirements		113
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		22
<b>Total Credits</b>		<b>135</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrently with private lessons)	0
<b>Private Lessons</b>		<b>22</b>
PFMJ 11700	Classical Guitar I - Majors (4-8 credits)	
PFMJ 21700	Classical Guitar II - Music Majors (4-8 Credits)	
PFMJ 31700	Classical Guitar III - Music Majors (4-8 Credits)	
PFMJ 41700	Classical Guitar IV - Music Majors (4-8 Credits)	
PFMJ 10102	Voice I - Secondary Instrument (1 credit times 2 semesters)	2

PFMJ 20102	Voice II - Secondary Instrument (1 credit times 2 semesters)	2
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	1
or MUPS 17300 Performance Diction III: German Lyric Diction		
or MUPS 17400 Performance Diction IV: French Lyric Diction		

#### Ensembles <sup>1</sup>

MUEN xxxxx	Any 5 credits of Music Ensemble on primary instrument to be determined by private instructor and conductors	5
MUEN 11500	Guitar Ensemble (1 credit times 4 semesters)	4

#### ADDITIONAL PERFORMANCE REQUIREMENTS

MUPS 27300	Music Recital	2
MUPS 240xx	Guitar Forum	3

#### MUSICIANSHIP CORE REQUIREMENTS

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601 Aural Skills I - Honors		
MUTH 22500	Aural Skills II	2
or MUTH 22501 Aural Skills II - Honors		
MUTH 22600	Aural Skills III	2
or MUTH 22601 Aural Skills III – Honors		
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three Credits from the following options		

MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1

#### MUSIC EDUCATION REQUIREMENTS

MUED 10100	Introduction to Music Education: Career Orientation	1
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#### Pedagogy Requirements

MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 36400	General Music Methods	2
MUED 36800	Choral Methods	2

#### Conducting Sequence

MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2

#### Music Education General Musicianship Requirements

MUED 20900	String Techniques	1
MUED 21100	Band Techniques	2

#### Student Teaching-Internships-Capstones

MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching	12
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.		
<b>Non-Music Liberal Arts Requirements</b>		
EDUC 21010	Educational Psychology	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3
<b>Mandated EDUC Workshops</b>		
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
<b>Total Credits</b>		<b>113</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about//undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Music Education and Performance, Wind B.M. Major Requirements		111-113
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		24
<b>Total Credits</b>		<b>135</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
<b>Private lessons <sup>1</sup></b>		<b>18-22</b>
PFMJ 1xxxx	Private Instrument I - Music Major (4-8 credits)	
PFMJ 2xxxx	Private Instrument II - Music Major (4-8 credits)	

PFMJ 3xxxx	Private Instrument III - Music Major (4-8 credits)	
PFMJ 4xxxx	Private Instrument IV - Music Major (4-8 credits)	
MUPS 15000	Reed Making Lab (1 credits times 2-4 semesters) <sup>2,4</sup>	2-4
<b>Ensembles <sup>2</sup></b>		
MUEN xxxxx	Any Music Ensemble on primary instrument determined by private instructor and conductors <sup>2,3</sup>	8-9
MUEN xxxxx	Any 3 credits of chamber music ensembles	3

### ADDITIONAL PERFORMANCE REQUIREMENTS

Select 1-2 credits from the following per instrument area: <sup>3</sup>		1-2
MUPS 140xx	Selected Topics: Woodwind Forum	
MUPS 141xx	Selected Topics: Brass Forum	
MUPS 27300	Music Recital	2

### MUSICIANSHIP CORE REQUIREMENTS

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601Aural Skills I - Honors		
MUTH 22500	Aural Skills II	2
or MUTH 22501Aural Skills II - Honors		
MUTH 22600	Aural Skills III	2
or MUTH 22601Aural Skills III – Honors		
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3

Three credits from the following options:		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1

### MUSIC EDUCATION REQUIREMENTS

MUED 10100	Introduction to Music Education: Career Orientation	1
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### Pedagogy Requirements

MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 37500	Wind Instrument Pedagogy	3
<b>Conducting Sequence</b>		
MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2

### Music Education General Musicianship Requirements

MUED 10300	Vocal Techniques	1
MUED 20900	String Techniques	1
MUED 12700	Double Reed Methods	1
MUED 14100	Percussion Methods	1

MUED 23000	Brass Methods	2
MUED 23100	Woodwind Methods	2
<b>Student Teaching-Internships-Capstone</b>		
MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching	12
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		
<b>Non-Music Liberal Arts Requirements</b>		
EDUC 21010	Educational Psychology (SO)	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3
<b>Mandated EDUC Workshops</b>		
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
<b>Total Credits</b>		<b>112</b>

<sup>1</sup> Sum of credits for private study and Reed class equal 22. Minimum amount of private study is 18. Minimum amount of reed class is 2.

<sup>2</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about//undergrad/schools/school-music-theatre-and-dance/>).

<sup>3</sup> Brass players complete the higher number of ensemble credits and take only 1 credit of MUPS 141xx.

<sup>4</sup> Only Bassoon and Oboe players are required to take a minimum of 2 credits.

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Music Education and Performance, Percussion B.M. Major Requirements		112
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		23
<b>Total Credits</b>		<b>135</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
<b>Private lessons</b>		<b>20</b>
PFMJ 14300	Percussion I - Music Majors (4 credits - 2 credits times 2 semesters)	
PFMJ 24300	Percussion II - Music Majors (4-6 credits)	
PFMJ 34300	Percussion III - Music Majors (4-8 credits)	
PFMJ 44300	Percussion IV - Music Majors (4-8 credits)	
<b>Ensembles <sup>1</sup></b>		
MUEN xxxxx	Any 8 credits of Music Ensemble on primary instrument to be determined by private instructor and conductors	8
Choral Ensemble	Any Choral Ensemble	1
MUEN 12700	Percussion Ensemble (1 credit times 4 semesters)	4
<b>ADDITIONAL PERFORMANCE REQUIREMENTS</b>		
MUPS 27300	Music Recital	2
Two credits from the following options		2
MUPS 13000	Wind/Brass/Percussion Excerpts and Reading	
	or MUPS 23000 Percussion Pedagogy	
	or MUPS 33000 Survey of Percussion Literature	
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601 Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501 Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601 Aural Skills III - Honors	
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options:		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
<b>MUSIC EDUCATION REQUIREMENTS</b>		
MUED 10100	Introduction to Music Education: Career Orientation	1
<b>Pedagogy Requirements</b>		



MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 37500	Wind Instrument Pedagogy	3

**Conducting Sequence**

MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2

**Music Education General Musicianship Requirements**

MUED 10300	Vocal Techniques	1
MUED 20900	String Techniques	1
MUED 12700	Double Reed Methods	1
MUED 14000	Drum Set Methods	1
MUED 23000	Brass Methods	2
MUED 23100	Woodwind Methods	2

**Student Teaching-Internships-Capstones**

MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching	12

Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

**Non-Music Liberal Arts Requirements**

EDUC 21010	Educational Psychology (SO)	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3

**Mandated EDUC Workshops**

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

**Total Credits** 112

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about//undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Music Education and Performance, Strings B.M. Major Requirements		111-112

Integrative Core Curriculum Requirements & Electives <sup>1</sup>	23
<b>Total Credits</b>	<b>135</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		

PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
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**Private lessons** 22

PFMJ 1xxxx	Private Instrument I - Music Major (4-8 credits)	
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PFMJ 2xxxx	Private Instrument II - Music Major (4-8 credits)	
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PFMJ 3xxxx	Private Instrument III - Music Major (4-8 credits)	
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PFMJ 4xxxx	Private Instrument IV - Music Major (4-8 credits)	
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**Ensemble <sup>1</sup>**

MUEN xxxxx	Any 8 credits of Music Ensemble on primary instrument to be determined by private instructor and conductors	8
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MUEN xxxxx	Any 3 credits of chamber music ensembles (.5 times 6 semesters)	3
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Choral Ensemble	Any Choral Ensemble	1
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**ADDITIONAL PERFORMANCE REQUIREMENTS**

MUPS 14200	Selected Topics: String Forum	1-2
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MUPS 27300	Music Recital	2
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**MUSICIANSHIP CORE REQUIREMENTS**

MUMC 10100	Required Recital Attendance (six semesters required)	0
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MUTH 11100	Introduction to Music Studies	4
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MUTH 12300	Music Theory I	3
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MUTH 22400	Music Theory II	3
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MUTH 12600	Aural Skills I	2
or MUTH 12601	Aural Skills I - Honors	

MUTH 22500	Aural Skills II	2
or MUTH 22501	Aural Skills II - Honors	

MUTH 22600	Aural Skills III	2
or MUTH 22601	Aural Skills III - Honors	

MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
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MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
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Three credits from the following options: 3

MUTH 353xx	Selected Topics in Music Studies	
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MUTH 354xx	Selected Topics in Music Studies (WI)	
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PFSM 17100	Keyboard Musicianship I	1
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PFSM 17200	Keyboard Musicianship II	1
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**MUSIC EDUCATION REQUIREMENTS**

MUED 10100	Introduction to Music Education: Career Orientation	1
<b>Pedagogy Requirements</b>		
MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 34700	String Pedagogy	3
<b>Conducting Sequence</b>		
MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2
<b>Music Education General Musicianship Requirements</b>		
MUED 10300	Vocal Techniques	1
MUED 21100	Band Techniques	2
MUED 14700	String Methods I	2
MUED 24700	String Methods II	2
<b>Student Teaching-Internships-Capstone</b>		
MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching	12
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.		
<b>Non-Music Liberal Arts Requirements</b>		
EDUC 21010	Educational Psychology (SO)	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3
<b>Mandated EDUC Workshops</b>		
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
<b>Total Credits</b>		<b>111-112</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about//undergrad/schools/school-music-theatre-and-dance/>).

## Music Performance

Deborah Martin, Professor and Chairperson

The Music 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.

Music 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. 579) - 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, all performance obligations of the program. Current students interested in adding the Performance degree should arrange their audition through Music Admissions.
- Performance, Collaborative Emphasis — B.M. (p. 586) — 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.
- Music Education and Performance Major - B.M. (p. 572) - (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 pre-kindergarten through the 12th grade (PreK-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, all performance obligations of the program. Current Music Education degree students interested in adding the performance emphasis should arrange their audition through Music Admissions.
- Sound Recording Technology Major — B.M. (p. 587) - 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. 589) - 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.

## Concentrations

- Jazz Studies Concentration (p. 592)

## 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 2 credits, each semester. Corequisite: JAZZ 19900. (FS)

1-2 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 1 credit, 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 11100 or MUTH 11200. (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 2 credits, each semester. Corequisite: JAZZ 19900. Prerequisites: 2 semesters of JAZZ 17000. (FS)

1-2 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 1 credit, 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 37000 Jazz Private Study III (NLA)**

Private study in jazz for Jazz Studies majors only. Co-requisite: JAZZ 19900. Prerequisites: JAZZ 27000. (F,S)

1-2 Credits

**JAZZ 37001 Jazz Private Study III, minor instrument (NLA)**

Private study in jazz for Jazz Studies majors only. Jazz Studies majors may elect 2 semesters of JAZZ 37001 for 1 credit, each semester. Co-requisite: JAZZ 19900. Prerequisites: JAZZ 27000 or JAZZ 27001. (F,S)

1 Credit

**JAZZ 47000 Jazz Private Study IV (NLA)**

Private study in jazz for Jazz Studies majors only. Co-requisite: JAZZ 19900. Prerequisites: JAZZ 37000. (F,S)

2 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. Prerequisites: MUPS 12000. (S,Y)  
1 Credit

### **MUPS 13000 Wind/Brass/Percussion Excerpts and Reading (NLA)**

An integral class to BM Performance degree in wind/brass/percussion. Students meet regularly in wind/brass/percussion section to rehearse repertoire with a faculty coach. Weekly preparation of individual parts is required for the students in pursuit of improving section-playing and ensemble skills while building knowledge of repertoire. (F,S)  
0.5 Credit

### **MUPS 14000 Selected Topics: Woodwind Forum (NLA)**

Engage in an in-depth discussion and analysis of selected topics for woodwind instruments. Primary focus will be on pedagogy and literature, but other topics will be covered as are pertinent to the various woodwind instruments. Topics will rotate to cover the broadest and most current range of materials. (IRR)  
1-2 Credits

### **MUPS 14100-14103 Selected Topics: Brass Forum (NLA)**

Engage in an in-depth discussion and analysis of selected topics for brass instruments. Primary focus will be on pedagogy and literature, but other topics will be covered as are pertinent to the various brass instruments. Topics will rotate to cover the broadest and most current range of materials. (IRR)  
1-2 Credits

### **MUPS 14200 Selected Topics: String Forum (NLA)**

Engage in an in-depth discussion and analysis of selected topics for string instruments. Primary focus will be on pedagogy and literature, but other topics will be covered as are pertinent to the various string instruments. Topics will rotate to cover the broadest and most current range of materials. (IRR)  
1-2 Credits

### **MUPS 14300 Selected Topics: Vocal Forum (NLA)**

Engage in an in-depth discussion and analysis of selected topics for the voice. Topics will rotate to cover the broadest and most current range of materials. (IRR)  
1-2 Credits

### **MUPS 15000 Reed Making Lab (NLA)**

This lab for double reed students complements private instruction and develops proficiency and consistency in reed construction, finishing, and adjusting. The course examines the botanical, physiological, and mechanical contributions to reed making and formulates a personalized reed model consistent with each individual's needs. (F,S)  
0.5-1 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 23000 Percussion Pedagogy (NLA)**

Engage students in discussion, analysis and the practice of teaching percussion in a studio setting. Explore planning for master classes/lessons, pedagogical literature, structuring curriculum, setting up a home studio, teaching methods, and experience sample lessons. Serves as preparation for students who wish to teach outside of/in addition to public-school teaching. (IRR)

1 Credit

**MUPS 24000 Guitar Forum (NLA)**

Engage in an in-depth study of selected topics such as foundations of guitar pedagogy, transcriptions and arrangements, Latin American sources for guitar music, and 18th c. performance practice. (IRR)

1-2 Credits

**MUPS 25000 Conducting I (NLA)**

A conducting course designed to introduce the basic skills required of a conductor. Topics covered will include gesture and baton technique, score reading and study, non-verbal and verbal communication, and critical listening skills. One of the secondary, but essential, goals of this course is comprehensive musicianship and ensemble skills. Understanding conducting and score study cultivates a musical awareness that enhances analytical, interpretative, and performance skills. (F,S)

2 Credits

**MUPS 25500 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. (B,F,S)

1 Credit

**MUPS 27300 Music Recital (NLA)**

A solo or shared public recital. Full recitals (approximately one hour in length) are normally 1 or 2 credits. Shared or shorter programs are normally .5 - 1 cr. (F,S)

0.5-2 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 31000 Conducting II (NLA)**

An intermediate conducting course consisting of review, refinement, and progression of foundational skills studied in MUPS 25000. Emphasis will be placed on the development of skills within the following categories: 1) Score Study, Musical Interpretation and Internalization 2) Nonverbal and Verbal Communication and 3) Listening Skills and Rehearsal Practices.

Prerequisites: MUED 30100 or MUED 30300 or MUPS 25000. (F,S)

2 Credits

**MUPS 32000 The Singing Performer IV: Lyric Theatre Workshop (NLA)**

Sing Performer IV: Lyric Theatre Workshop is designed to build and practice skills necessary to prepare and perform staged vocal repertoire. Repertoire will often focus on opera, but could include operetta, musical theater, oratorio, art song, cabaret and more. Permission of instructor required based on audition results. (F,S)

1 Credit

**MUPS 33000 Survey of Percussion Literature (LA)**

Listen to, research, analyze and connect compositions featuring percussion (solo, chamber, ensemble). Student and faculty presentations will introduce pieces in quasi-chronological order to provide context, along with weekly listening and regular research. (E,F)

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 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. Class meetings: Two hours per week for one block. Prerequisites: Two semesters of private lessons at level 2. (F,S)

1 Credit

**MUPS 36300 Junior Recital Vocal Coaching and Lab (NLA)**

The next level of the singer's collaborative sequence builds on the foundation of MUEN 21700 Piano/Vocal Collaboration. Further development and artistic application of collaborative partnership and musicianship skills. Specific repertoire is assigned by the student's studio teacher in preparation of their junior recital. Individual coaching times are scheduled in addition to regular class meetings. Prerequisites: MUEN 21700. Corequisites: PFMJ 30100. (F,S)  
1 Credit

**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 42000-42010 Selected Topics in Art Song Literature (NLA)**

Changing topics in art song literature and performance practice. Prerequisites: PFMJ 30100 or PFMJ 30300. (IRR)  
1 Credit

**MUPS 45500 Vocal Pedagogy : 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. (Y)  
2 Credits

**MUPS 46300 Senior Recital Vocal Coaching and Lab (NLA)**

The last level of the singer's collaborative sequence continues the work from Piano/Vocal Collaboration and Junior Recital Vocal Coaching and Lab, culminating in the performing student's capstone experience. Students further develop and apply artistry in collaborative partnership, musicianship, and interpretive skills. Specific repertoire is assigned with the guidance of the student's studio teacher in preparation of their senior recital. Prerequisites: MUPS 37300. (F,S)  
1 Credit

**MUPS 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)  
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)  
Attributes: CP  
2 Credits

**MUPS 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: Prior or concurrent registration in PFMJ 44700. (Y)  
1 Credit

**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 10000 Private Studio Performance Class (NLA)**

A weekly performance class for students enrolled in PFMJ XXX00 Private Study. Functions as a lab for the private lesson. (F,S)

0 Credit

**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." (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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). (F,S)

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. (FS)

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. (FS)

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 11702 Classical Guitar I-Secondary (NLA)**

Technique: Scales (Segovia), scale playing in rhythmic patterns, arpeggios, slurs, trills, etc., studies by Milan, Besard, Sor, Aguado, Tarrega, Villa-Lobos, Barrios, etc. (FS)

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. (FS)

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. (FS)

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. (FS)

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. (FS)

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. (FS)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (FS)

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. (FS,U,Y)

1 Credit

**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. (FS,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." (FS)

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. (FS)

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. (F/S)

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. (F/S)

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. (F,S)

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. (F,S)

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. (F,S)

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 Berbiguer, "18 Exercises." Representative repertoire including Debussy, Syrinx; Handel sonatas; Bach sonatas; Bloch, "Suite Modale"; selections from flute music by French composers. (F,S)

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 Berbiguer, "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." (F,S)

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. (F,S)

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*. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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 Credit

**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." (F,S)

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. (F,S)

1-5 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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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. (F,S)

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." (F,S)

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. (F,S)

1-5 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. (F,S)

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. (F,S)

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)

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. (F,S)

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. (F,S)

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." (F,S)

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." (F,S)

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)

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. (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. (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. (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. (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. (F,S)

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. (F,S)

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. (F,S)

1-4 Credits

**PFMJ 44100 Tuba IV - Music Majors (NLA)**

Technique including W. Bell, "Tuba Warmups" (part 2); Blazevich, "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); Blazevich, "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. (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. (F,S)

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. (F,S) 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

**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 - 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." 1 credit. (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." 1 credit. (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 Rasmussen, "Teacher's Guide to the Literature of Brass Instruments." 0.5-1 credit. (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." 0.5 credit. (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 Skills for the Music Classroom (NLA)**

Continued development of keyboard skills addressed in PFSM17200. Emphasis is placed on developing keyboard technical facility and skills appropriate for students who will be teaching in elementary and general music classrooms. Accompanying basal songs, creating accompaniments from chord symbols, sight-reading, and improvisation are examples of the types of skills the course will address. Prerequisites: PFSM 17200. (F,S)

1 Credit

**PFSM 27400 Advanced Keyboard Musicianship Skills for the Music Classroom (NLA)**

Building on skills developed in PFSM 27300, this course emphasizes developing technical facility and keyboard skills appropriate for those who will be teaching in more advanced choral ensemble settings. Using the piano to lead warm-ups, playing parts from open score, arranging and performing choral and vocal piano parts, are examples of the types of skills the course will address. Prerequisites: PFSM 27300. (S)

1 Credit

**PFSM 27500 Keyboard Musicianship III (NLA)**

A continuation of keyboard technical and musical skills introduced in PFSM17100 and PFSM17200. Emphasis will be placed on advancing keyboard technique particularly useful for a composer and best developed in a group setting modality. Basic keyboard technique will continue to be advanced as well as specific attention on sight reading and learning the various keyboard styles of composers of piano music from the past through present day. Students will apply their knowledge of keyboard style through composing and improvising short works in those styles. Prerequisites: PFSM 17200. (F)

1 Credit

**PFSM 27600 Keyboard Musicianship IV (NLA)**

A continuation of keyboard technical and musical skills introduced in PFSM 27500. Emphasis will be placed on advancing keyboard technique particularly useful for a composer and best developed in a group setting modality. Basic technique will continue to be advanced as well as specific attention on sight reading and learning the various keyboard styles of composers of piano music from the past and present day. Students will apply their knowledge of keyboard style through composing and improvising short works in those styles. Prerequisites: PFSM 27500. (S)

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. 2 credits. (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. 2 credits. (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. 2 credits. (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. 2 credits. (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. 2 credits. (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. (F,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.

2 credits. (F-S,Y)

2 Credits

### MSRT 49100 Music Recording Internship (NLA)

Students work in an approved practicum environment such as a recording studio, postproduction facility, sound reinforcement company, or multimedia production or development company, applying theories and developing techniques learned previously. Prerequisites: MSRT 39100. (S,F,U)

1-12 Credits

### MSRT 49200 Senior Project (NLA)

Students produce and master a portfolio of materials for presentation. Materials for the senior project may be drawn primarily from previously recorded projects but should involve additional work, such as final mastering, 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 and Performance Major - B.M.

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Music Education and Performance, Vocal B.M. Major Requirements		117
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		18
<b>Total Credits</b>		<b>135</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
<b>Private lessons</b>		<b>18</b>
PFMJ 10100	Voice I - Music Major (4 credits)	
PFMJ 20100	Voice II - Music Majors (4-6 credits)	
PFMJ 30100	Voice III - Music Majors (4-6 credits)	
PFMJ 40100	Voice IV - Music Majors (4-6 credits)	
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	1
MUPS 17300	Performance Diction III: German Lyric Diction	1
MUPS 17400	Performance Diction IV: French Lyric Diction	1
<b>Ensemble <sup>1</sup></b>		
MUEN xxxxx	Any 8 credits of Music Ensemble on primary instrument determined by private instructor and conductors	8
<b>ADDITIONAL PERFORMANCE REQUIREMENTS</b>		
<b>Singing Performer</b>		
MUPS 12000	The Singing Performer I: Body Awareness	1
MUPS 12200	The Singing Performer II: Voice and Body Connection	1
MUPS 22000	The Singing Performer III: Interpretation and Integration	2
Three credits from the following options:		3
MUPS 14300	Selected Topics: Vocal Forum	
MUPS 32000	The Singing Performer IV: Lyric Theatre Workshop	
MUMC 4200x	Selected Topics in Art Song Literature	
MUMC 45500	Vocal Pedagogy : Application and Practice of Voice Teaching	
<b>Recital</b>		
MUPS 36300	Junior Recital Vocal Coaching and Lab or MUPS 46300Senior Recital Vocal Coaching and Lab	1
MUPS 27300	Music Recital	2
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601	Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
or MUTH 22501	Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
or MUTH 22601	Aural Skills III – Honors	
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three Credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 27300	Keyboard Musicianship Skills for the Music Classroom	1
PFSM 27400	Advanced Keyboard Musicianship Skills for the Music Classroom	1
<b>MUSIC EDUCATION REQUIREMENTS</b>		
MUED 10100	Introduction to Music Education: Career Orientation	1
<b>Pedagogy Requirements</b>		
MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 36400	General Music Methods	2
MUED 36800	Choral Methods	2
<b>Conducting Sequence</b>		
MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2
<b>Music Education General Musicianship Requirements</b>		
MUED 20900	String Techniques	1
MUED 21100	Band Techniques	2
<b>Student Teaching-Internships-Capstones</b>		
MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching	12
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		
<b>Non-Music Liberal Arts Requirements</b>		
EDUC 21010	Educational Psychology	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3



MATH xxxxx	Math requirement (except MATH 10000)	3
xxxxx	Modern Language	4
<b>Mandated EDUC Workshops</b>		
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
<b>Total Credits</b>		<b>117</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Music Education and Performance, Keyboard B.M. Major Requirements		113
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		22
<b>Total Credits</b>		<b>135</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semester concurrent with private lessons)	0
<b>Private Lessons</b>		<b>22</b>
PFMJ 10300	Piano I - Music Majors (4-8 credits)	
PFMJ 20300	Piano II - Music Majors (4-8 Credits)	
PFMJ 30300	Piano III - Music Majors (4-8 Credits)	
PFMJ 40300	Piano IV - Music Majors (4-8 Credits)	
PFMJ 10102	Voice I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20102	Voice II - Secondary Instrument (1 credit times 2 semesters)	2
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	1
or MUPS 17300Performance Diction III: German Lyric Diction		
or MUPS 17400Performance Diction IV: French Lyric Diction		
<b>Ensembles <sup>1</sup></b>		
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
Choral Ensemble	Any choral ensemble (1 credit times 2 semesters)	2
MUEN xxxxx	Any chamber music ensemble	1
<b>ADDITIONAL PERFORMANCE REQUIREMENTS</b>		
MUPS 27300	Music Recital	2
Four credits from the following options		4
MUPS 20000	Basic Piano Pedagogy	
or MUPS 21000	Group Piano Pedagogy	
or MUPS 41000	Piano Pedagogy Forum	
or MUPS 48500	Survey of Piano Literature I	
or MUPS 48600	Survey of Piano Literature II	

<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601	Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
or MUTH 22501	Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
or MUTH 22601	Aural Skills III – Honors	
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three Credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1

<b>MUSIC EDUCATION REQUIREMENTS</b>		
MUED 10100	Introduction to Music Education: Career Orientation	1
<b>Pedagogy Requirements</b>		
MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 36400	General Music Methods	2
MUED 36800	Choral Methods	2
<b>Conducting Sequence</b>		
MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2
<b>Music Education General Musicianship Requirements</b>		
MUED 20900	String Techniques	1
MUED 21100	Band Techniques	2
<b>Student Teaching-Internships-Capstones</b>		

MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching	12
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		
<b>Non-Music Liberal Arts Requirements</b>		
EDUC 21010	Educational Psychology (SO)	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3
<b>Mandated EDUC Workshops</b>		
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
<b>Total Credits</b>		<b>113</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about//undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Music Education and Performance, Guitar B.M. Major Requirements		113
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		22
<b>Total Credits</b>		<b>135</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrently with private lessons)	0
<b>Private Lessons</b>		<b>22</b>
PFMJ 11700	Classical Guitar I - Majors (4-8 credits)	
PFMJ 21700	Classical Guitar II - Music Majors (4-8 Credits)	

PFMJ 31700	Classical Guitar III - Music Majors (4-8 Credits)	
PFMJ 41700	Classical Guitar IV - Music Majors (4-8 Credits)	
PFMJ 10102	Voice I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20102	Voice II - Secondary Instrument (1 credit times 2 semesters)	2
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	1
or MUPS 17300 Performance Diction III: German Lyric Diction or MUPS 17400 Performance Diction IV: French Lyric Diction		
<b>Ensembles <sup>1</sup></b>		
MUEN xxxxx	Any 5 credits of Music Ensemble on primary instrument to be determined by private instructor and conductors	5
MUEN 11500	Guitar Ensemble (1 credit times 4 semesters)	4
<b>ADDITIONAL PERFORMANCE REQUIREMENTS</b>		
MUPS 27300	Music Recital	2
MUPS 240xx	Guitar Forum	3
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601 Aural Skills I - Honors		
MUTH 22500	Aural Skills II	2
or MUTH 22501 Aural Skills II - Honors		
MUTH 22600	Aural Skills III	2
or MUTH 22601 Aural Skills III – Honors		
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three Credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
<b>MUSIC EDUCATION REQUIREMENTS</b>		
MUED 10100	Introduction to Music Education: Career Orientation	1
<b>Pedagogy Requirements</b>		
MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 36400	General Music Methods	2
MUED 36800	Choral Methods	2
<b>Conducting Sequence</b>		

MUED 30100	Choral Conducting	2
MUED 30200	Choral Conducting	2
<b>Music Education General Musicianship Requirements</b>		
MUED 20900	String Techniques	1
MUED 21100	Band Techniques	2
<b>Student Teaching-Internships-Capstones</b>		
MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching	12
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.		
<b>Non-Music Liberal Arts Requirements</b>		
EDUC 21010	Educational Psychology	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3
<b>Mandated EDUC Workshops</b>		
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
<b>Total Credits</b>		<b>113</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about/undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Music Education and Performance, Wind B.M. Major Requirements		111-113
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		24
<b>Total Credits</b>		<b>135</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0

### Private lessons <sup>1</sup> 18-22

PFMJ 1xxxx	Private Instrument I - Music Major (4-8 credits)	
PFMJ 2xxxx	Private Instrument II - Music Major (4-8 credits)	
PFMJ 3xxxx	Private Instrument III - Music Major (4-8 credits)	
PFMJ 4xxxx	Private Instrument IV - Music Major (4-8 credits)	
MUPS 15000	Reed Making Lab (1 credits times 2-4 semesters) <sup>2,4</sup>	2-4

### Ensembles <sup>2</sup>

MUEN xxxxx	Any Music Ensemble on primary instrument determined by private instructor and conductors <sup>2,3</sup>	8-9
MUEN xxxxx	Any 3 credits of chamber music ensembles	3

### ADDITIONAL PERFORMANCE REQUIREMENTS

Select 1-2 credits from the following per instrument area: <sup>3</sup> 1-2

MUPS 140xx	Selected Topics: Woodwind Forum	
MUPS 141xx	Selected Topics: Brass Forum	
MUPS 27300	Music Recital	2

### MUSICIANSHIP CORE REQUIREMENTS

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601 Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501 Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601 Aural Skills III – Honors	
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3

Three credits from the following options: 3

MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1

### MUSIC EDUCATION REQUIREMENTS

MUED 10100	Introduction to Music Education: Career Orientation	1
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### Pedagogy Requirements

MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 37500	Wind Instrument Pedagogy	3

### Conducting Sequence

MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2

**Music Education General Musicianship Requirements**

MUED 10300	Vocal Techniques	1
MUED 20900	String Techniques	1
MUED 12700	Double Reed Methods	1
MUED 14100	Percussion Methods	1
MUED 23000	Brass Methods	2
MUED 23100	Woodwind Methods	2

**Student Teaching-Internships-Capstone**

MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching	12

Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

**Non-Music Liberal Arts Requirements**

EDUC 21010	Educational Psychology (SO)	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3

**Mandated EDUC Workshops**

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

**Total Credits** **112**

<sup>1</sup> Sum of credits for private study and Reed class equal 22. Minimum amount of private study is 18. Minimum amount of reed class is 2.

<sup>2</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about//undergrad/schools/school-music-theatre-and-dance/>).

<sup>3</sup> Brass players complete the higher number of ensemble credits and take only 1 credit of MUPS 141xx.

<sup>4</sup> Only Bassoon and Oboe players are required to take a minimum of 2 credits.

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

**Summary**

Code	Title	Credits
	Music Education and Performance, Percussion B.M. Major Requirements	112
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	23
	<b>Total Credits</b>	<b>135</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

**Degree Requirements**

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
<b>Private lessons</b>		<b>20</b>
PFMJ 14300	Percussion I - Music Majors (4 credits - 2 credits times 2 semesters)	
PFMJ 24300	Percussion II - Music Majors (4-6 credits)	
PFMJ 34300	Percussion III - Music Majors (4-8 credits)	
PFMJ 44300	Percussion IV - Music Majors (4-8 credits)	
<b>Ensembles <sup>1</sup></b>		
MUEN xxxxx	Any 8 credits of Music Ensemble on primary instrument to be determined by private instructor and conductors	8
Choral Ensemble	Any Choral Ensemble	1
MUEN 12700	Percussion Ensemble (1 credit times 4 semesters)	4
<b>ADDITIONAL PERFORMANCE REQUIREMENTS</b>		
MUPS 27300	Music Recital	2
Two credits from the following options		2
MUPS 13000	Wind/Brass/Percussion Excerpts and Reading	
	or MUPS 23000 Percussion Pedagogy	
	or MUPS 33000 Survey of Percussion Literature	
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601 Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501 Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601 Aural Skills III - Honors	
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options:		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1



**MUSIC EDUCATION REQUIREMENTS**

MUED 10100	Introduction to Music Education: Career Orientation	1
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**Pedagogy Requirements**

MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2

MUED 37500	Wind Instrument Pedagogy	3
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**Conducting Sequence**

MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2

**Music Education General Musicianship Requirements**

MUED 10300	Vocal Techniques	1
MUED 20900	String Techniques	1
MUED 12700	Double Reed Methods	1
MUED 14000	Drum Set Methods	1
MUED 23000	Brass Methods	2
MUED 23100	Woodwind Methods	2

**Student Teaching-Internships-Capstones**

MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching	12

Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

**Non-Music Liberal Arts Requirements**

EDUC 21010	Educational Psychology (SO)	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3

**Mandated EDUC Workshops**

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

**Total Credits** **112**

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

**Summary**

Code	Title	Credits
	Music Education and Performance, Strings B.M. Major Requirements	111-112
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	23
<b>Total Credits</b>		<b>135</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

**Degree Requirements**

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
<b>Private lessons</b>		<b>22</b>
PFMJ 1xxxx	Private Instrument I - Music Major (4-8 credits)	
PFMJ 2xxxx	Private Instrument II - Music Major (4-8 credits)	
PFMJ 3xxxx	Private Instrument III - Music Major (4-8 credits)	
PFMJ 4xxxx	Private Instrument IV - Music Major (4-8 credits)	
<b>Ensemble <sup>1</sup></b>		
MUEN xxxxx	Any 8 credits of Music Ensemble on primary instrument to be determined by private instructor and conductors	8
MUEN xxxxx	Any 3 credits of chamber music ensembles (.5 times 6 semesters)	3
Choral Ensemble	Any Choral Ensemble	1
<b>ADDITIONAL PERFORMANCE REQUIREMENTS</b>		
MUPS 14200	Selected Topics: String Forum	1-2
MUPS 27300	Music Recital	2
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601 Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501 Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601 Aural Skills III - Honors	
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options:		3
MUTH 353xx	Selected Topics in Music Studies	

MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
<b>MUSIC EDUCATION REQUIREMENTS</b>		
MUED 10100	Introduction to Music Education: Career Orientation	1
<b>Pedagogy Requirements</b>		
MUED 26700	Music Education for Children	2
MUED 30000	Diversity, Equity and Inclusion in Music Education	2
MUED 34700	String Pedagogy	3
<b>Conducting Sequence</b>		
MUED 30300	Instrumental Conducting	2
MUED 30400	Instrumental Conducting	2
<b>Music Education General Musicianship Requirements</b>		
MUED 10300	Vocal Techniques	1
MUED 21100	Band Techniques	2
MUED 14700	String Methods I	2
MUED 24700	String Methods II	2
<b>Student Teaching-Internships-Capstone</b>		
MUED 37100	Student Teaching: Instrumental	2
MUED 38100	Student Teaching and Rehearsal Lab: Instrumental-Band	2
MUED 46912	Senior Semester Student Teaching	12
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.		
<b>Non-Music Liberal Arts Requirements</b>		
EDUC 21010	Educational Psychology (SO)	3
EDUC 23900	Foundations of Special Education and Inclusivity	3
EDUC 34000	Social and Cultural Foundations of Education (DV)	3
MATH xxxxx	Math requirement (except MATH 10000)	3
<b>Mandated EDUC Workshops</b>		
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
<b>Total Credits</b>		<b>111-112</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

## Performance Major – B.M.

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Performance, Vocal B.M. Major Requirements		89
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		31
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS <sup>1</sup></b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semester concurrent with private lessons)	0
PFMJ 10100	Voice I - Music Major (2 credits times 2 semesters)	4
PFMJ 20100	Voice II - Music Majors (3 credits times 2 semesters)	6
PFMJ 30100	Voice III - Music Majors (3 credits times 2 semesters)	6
PFMJ 40100	Voice IV - Music Majors (3 credits times 2 semesters)	6
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	1
MUPS 17300	Performance Diction III: German Lyric Diction	1
MUPS 17400	Performance Diction IV: French Lyric Diction	1
<b>Ensembles <sup>2</sup></b>		
MUEN 10800	Choir	5
or MUEN 10900 Chorus		
or MUEN 11000 Treble Chorale		
MUEN 32000	Lyric Theatre Ensemble	1
Elective Ensemble	Any Vocal Ensemble	1
<b>Recitals</b>		
MUPS 37300	Required Junior Recital	1
MUPS 47300	Required Senior Recital (CP)	2
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		

### Recital Coaching

MUPS 36300	Junior Recital Vocal Coaching and Lab	1
MUPS 46300	Senior Recital Vocal Coaching and Lab	1

### MUSICIANSHIP CORE REQUIREMENTS

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3

MUTH 12600	Aural Skills I	2
or MUTH 12601	Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
or MUTH 22501	Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
or MUTH 22601	Aural Skills III – Honors	
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
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Six credits from the following options		6
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
<b>ADDITIONAL PERFORMANCE REQUIREMENTS</b>		
<b>Pedagogy</b>		
MUPS 45500	Vocal Pedagogy : Application and Practice of Voice Teaching	2
<b>The Singing Performer</b>		
MUPS 12000	The Singing Performer I: Body Awareness	1
MUPS 12200	The Singing Performer II: Voice and Body Connection	1
MUPS 22000	The Singing Performer III: Interpretation and Integration	2
MUPS 32000	The Singing Performer IV: Lyric Theatre Workshop	2
Three credits from the following options		3
MUPS 14300	Selected Topics: Vocal Forum	
MUPS 420xx	Selected Topics in Art Song Literature	
<b>Liberal Arts</b>		
Modern Language	Take eight credits of any modern language	8
<b>Total Credits</b>		<b>89</b>

<sup>1</sup> Students entering the Center for Music, Theatre, and Dance 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.

<sup>2</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about//undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Performance, Keyboard B.M. Major Requirements		80
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		40
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS <sup>1</sup></b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semester concurrent with private lessons)	0
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 1 semester, 5 credits times 1 semester)	9
PFMJ 40300	Piano IV - Music Majors (4 credits times 1 semester, 5 credits times 1 semester)	9
<b>Ensembles <sup>2</sup></b>		
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 31800	Piano/Vocal Duo	
MUEN 30300	Piano Ensemble	1
<b>Chamber Music</b>		
MUEN 32100	Chamber Music	1
or MUEN 32300	Chamber Music Performance	
<b>Recitals</b>		
MUPS 37300	Required Junior Recital	1
MUPS 47300	Required Senior Recital (CP)	2

Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601	Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
or MUTH 22501	Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
or MUTH 22601	Aural Skills III – Honors	

MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
<b>ADDITIONAL PERFORMANCE REQUIREMENTS</b>		
MUMC 27900	Introduction to the Harpsichord	1
or MUMC 27700 Introduction to the Organ		
MUPS 20000	Basic Piano Pedagogy	1
or MUPS 21000 Group Piano Pedagogy		
MUPS 48500	Survey of Piano Literature I	2
MUPS 48600	Survey of Piano Literature II	2
Select three credits from the following:		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
MUPS 41000	Piano Pedagogy Forum	
<b>Total Credits</b>		<b>80</b>

<sup>1</sup> Students entering the School of Music, Theatre, and Dance 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.

<sup>2</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about/undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Performance, Guitar B.M. Major Requirements		79
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		41
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS <sup>1</sup></b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
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

### Ensembles <sup>2</sup>

MUEN 11500	Guitar Ensemble (1 credit times six semesters)	6
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### Chamber Music

MUEN 32100	Chamber Music	2
or MUEN 32300 Chamber Music Performance		

### Recitals

MUPS 37300	Required Junior Recital	1
MUPS 47300	Required Senior Recital (CP)	2

Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

### MUSICIANSHIP CORE REQUIREMENTS

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601 Aural Skills I - Honors		
MUTH 22500	Aural Skills II	2
or MUTH 22501 Aural Skills II - Honors		
MUTH 22600	Aural Skills III	2
or MUTH 22601 Aural Skills III – Honors		
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Six credits from the following options		6
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
<b>ADDITIONAL PERFORMANCE REQUIREMENTS</b>		
MUPS 24000	Guitar Forum (1-2 credits, 4 semesters)	4
Music Electives	Select 2 credits of electives from any of the following departments: JAZZ, MSRT, MUED, MUEN, MUMC, MUNM, MUPS, MUTH, PFMJ, PFNM, PFSM	2

**Total Credits** **79**

<sup>1</sup> Students entering the Center for 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.

<sup>2</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about/undergrad/schools/school-music-theatre-and-dance/>).



catalog.ithaca.eduabout://undergrad/schools/school-music-theatre-and-dance/).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

Summary

Code	Title	Credits
Performance, Brass B.M. Major Requirements		78
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		42
Total Credits		120

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

Degree Requirements

Code	Title	Credits
MUSIC PERFORMANCE REQUIREMENTS <sup>1</sup>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
PFMJ 1xxxx	Private Instrument I - Music Major (4 credits times 2 semesters)	8
PFMJ 2xxxx	Private Instrument - Music Major (4 credits times 2 semester)	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
Ensembles <sup>2</sup>		
Select 6 credits from the following ensembles		6
MUEN 10500	Wind Ensemble	
MUEN 10600	Concert Band	
MUEN 10700	Wind Symphony	
MUEN 11100	Symphony Orchestra	
Select 2 credits from the following ensembles:		2
MUEN 11400	Contemporary Chamber Ensemble	
MUEN 11900	Jazz Ensemble	
MUEN 14000	Musical Pit Orchestra	
Chamber Music		
Select 3 credits of chamber music from the following:		3
MUEN 12200	Tuba/Euphonium Ensemble	
MUEN 12300	Brass Choir	
MUEN 12400	Trombone Ensemble	
MUEN 12600	Trumpet Ensemble	
MUEN 32100	Chamber Music	
MUEN 32300	Chamber Music Performance	
Recitals		
MUPS 37300	Required Junior Recital	1
MUPS 47300	Required Senior Recital (CP)	2
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		

MUSICIANSHIP CORE REQUIREMENTS

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601Aural Skills I - Honors		
MUTH 22500	Aural Skills II	2
or MUTH 22501Aural Skills II - Honors		
MUTH 22600	Aural Skills III	2
or MUTH 22601Aural Skills III – Honors		
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Six credits from the following options		6
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
ADDITIONAL PERFORMANCE REQUIREMENT		
MUPS 14100	Selected Topics: Brass Forum	1
Total Credits		78

<sup>1</sup> Students entering the School of Music, Theatre, and Dance 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.

<sup>2</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.eduabout://undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

Summary

Code	Title	Credits
Performance, Percussion B.M. Major Requirements		80
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		40
Total Credits		120

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
PFMJ 1xxxx	Private Instrument I - Music Major (2 credits times 2 semesters)	4
PFMJ 2xxxx	Private Instrument II - Music Major (3 credits times 2 semesters)	6
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
<b>Ensembles <sup>1</sup></b>		
MUEN 10300	West African Drumming and Dance Ensemble	1
MUEN 12700	Percussion Ensemble	6
Select 6 credits from the following ensembles:		6
MUEN 10500	Wind Ensemble	
MUEN 10600	Concert Band	
MUEN 10700	Wind Symphony	
MUEN 11100	Symphony Orchestra	
MUEN 11400	Contemporary Chamber Ensemble	
MUEN 11900	Jazz Ensemble	
MUEN 12100	Ithaca College Chamber Orchestra	
MUEN 14000	Musical Pit Orchestra	
MUEN xxxxx	Any Music Ensemble	2
<b>Recitals</b>		
MUPS 37300	Required Junior Recital	1
MUPS 47300	Required Senior Recital (CP)	2
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601Aural Skills I - Honors		
MUTH 22500	Aural Skills II	2
or MUTH 22501Aural Skills II - Honors		
MUTH 22600	Aural Skills III	2
or MUTH 22601Aural Skills III – Honors		
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Six credits from the following options		6
MUTH 353xx	Selected Topics in Music Studies	

MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
<b>ADDITIONAL PERFORMANCE REQUIREMENTS</b>		
MUPS 13000	Wind/Brass/Percussion Excerpts and Reading (0.5 credits times 4 semesters)	2
MUPS 23000	Percussion Pedagogy	1
MUPS 33000	Survey of Percussion Literature (1 credit times 2 semesters)	2
<b>Total Credits</b>		<b>80</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Performance, Piano Pedagogy Emphasis B.M. Major Requirements		83
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		37
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS <sup>1</sup></b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
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 1 semester, 5 credits times 1 semester)	9
PFMJ 40300	Piano IV - Music Majors (4 credits times 1 semester, 5 credits times 1 semester)	9
<b>Ensembles <sup>2</sup></b>		
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 31700	Piano/Instrumental Duo	1
or MUEN 31800Piano/Vocal Duo		
<b>Chamber Music</b>		
MUEN 32100	Chamber Music	1
or MUEN 32300Chamber Music Performance		
<b>Recitals</b>		

MUPS 37300	Required Junior Recital	1
MUPS 47300	Required Senior Recital (CP)	2
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601Aural Skills I - Honors		
MUTH 22500	Aural Skills II	2
or MUTH 22501Aural Skills II - Honors		
MUTH 22600	Aural Skills III	2
or MUTH 22601Aural Skills III – Honors		
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options:		
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
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 27700Introduction to the Organ		
<b>ADDITIONAL PERFORMANCE REQUIREMENTS</b>		
MUED 30100	Choral Conducting	2
or MUED 30300Instrumental Conducting		
or MUPS 25000Conducting I		
MUPS 48500	Survey of Piano Literature I	2
MUPS 48600	Survey of Piano Literature II	2
MUPS 20000	Basic Piano Pedagogy	1
MUPS 21000	Group Piano Pedagogy	1
MUPS 35000	Piano Pedagogy Practicum	2
MUPS 41000	Piano Pedagogy Forum	1
<b>Total Credits</b>		<b>83</b>

<sup>1</sup> Students entering the School of Music, Theatre, and Dance 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.

<sup>2</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about/undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Performance, Strings B.M. Major Requirements		78
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		42
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS <sup>1</sup></b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
PFMJ 1xxxx	Private Instrument I - Music Major (3 credits times 2 semesters)	6
PFMJ 2xxxx	Private Instrument II - Music Majors (3 credits times 2 semesters)	6
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
<b>Ensembles <sup>2</sup></b>		
Select 6 credits from the following ensembles:		6
MUEN 10500	Wind Ensemble	
MUEN 11100	Symphony Orchestra	
MUEN 11400	Contemporary Chamber Ensemble	
MUEN 11900	Jazz Ensemble	
MUEN 14000	Musical Pit Orchestra	

<b>Chamber Music</b>		
Six credits from the following options		6
MUEN 13100	Fundamentals of String Chamber Music	
or MUEN 22' Chamber Music Masterclass		
or MUEN 32' Chamber Music		
or MUEN 32' Chamber Music Performance		
or MUEN 31' Piano/Instrumental Duo		

<b>Recitals</b>		
MUPS 37300	Required Junior Recital	1
MUPS 47300	Required Senior Recital (CP)	2
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		

<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3

MUTH 12600	Aural Skills I	2
or MUTH 12601	Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
or MUTH 22501	Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
or MUTH 22601	Aural Skills III – Honors	
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Six credits from the following options		6
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
<b>ADDITIONAL PERFORMANCE REQUIREMENT</b>		
MUPS 14200	Selected Topics: String Forum (1-2 credits, 4 semesters)	4
<b>Total Credits</b>		<b>78</b>

<sup>1</sup> Students entering the School of Music, Theatre, and Dance 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.

<sup>2</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
	Performance, Woodwinds B.M. Major Requirements	79
	Integrative Core Curriculum Requirements and Electives <sup>1</sup>	41
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS <sup>1</sup></b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
PFMJ 1xxxx	Private Instrument I - Music Major (4 credits times 2 semesters) <sup>2</sup>	6-8
PFMJ 2xxxx	Private Instrument II - Music Major (4 credits times 2 semesters) <sup>2</sup>	6-8
PFMJ 3xxxx	Private Instrument III - Music Major (4 credits times 2 semesters) <sup>2</sup>	6-8

PFMJ 4xxxx	Private Instrument IV - Music Major (4 credits times 2 semesters) <sup>2</sup>	6-8
MUPS 15000	Reed Making Lab <sup>2</sup>	0-8
<b>Ensemble <sup>3</sup></b>		
Must be on primary instrument, unless approved by private instructor.		
Select 8 credits from the following ensembles:		8
MUEN 10500	Wind Ensemble	
MUEN 10600	Concert Band	
MUEN 10700	Wind Symphony	
MUEN 11100	Symphony Orchestra	
MUEN 11400	Contemporary Chamber Ensemble	
MUEN 11900	Jazz Ensemble	
MUEN 12100	Ithaca College Chamber Orchestra	
MUEN 14000	Musical Pit Orchestra	

### Chamber Music

MUEN 32100	Chamber Music	3
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### Recitals

MUPS 37300	Required Junior Recital	1
MUPS 47300	Required Senior Recital (CP)	2

Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

### MUSICIANSHIP CORE REQUIREMENTS

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601	Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
or MUTH 22501	Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
or MUTH 22601	Aural Skills III – Honors	
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Six credits from the following options		6
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1

### ADDITIONAL PERFORMANCE REQUIREMENT

MUPS 14000	Selected Topics: Woodwind Forum	2
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<b>Total Credits</b>		<b>79</b>
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<sup>1</sup> Students entering the School of Music, Theatre, and Dance 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.

2a Bassoon students must take 3 credits of PFMJ 1xxx and 1 credit of MUPS 15000 per semester, with a total of 4 credits of lessons requirements per semester.

2b For 2 semesters, Oboe students must take 3 credits of PFMJ 1xxx and 1 credit of MUPS 15000 per semester, with a total of 4 credits of lessons requirements per semester. For the remaining 6 semesters, Oboe students must take either: 1) PFMJ xxx00 for 3 credits with MUPS 15000 for 1 credit each semester; or 2) PFMJ xxx00 for 4 credits each semester.

<sup>3</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about/undergrad/schools/school-music-theatre-and-dance/>).

## Performance, Collaborative Emphasis — B.M.

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

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
	Performance, Collaborative Emphasis B.M. Major Requirements	100
	Integrative Core Curriculum Requirements and Electives <sup>1</sup>	20
	<b>Total Credits</b>	<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

### Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS <sup>1</sup></b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
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 1 semester, 5 credits time 1 semester)	9
PFMJ 40300	Piano IV - Music Majors (4 credits times 1 semester, 5 credits time 1 semester)	9
<b>Ensemble <sup>2</sup></b>		
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

#### Chamber Music

MUEN 32100	Chamber Music	1
or MUEN 32300	Chamber Music Performance	

#### Private Accompanying

PFMJ 44700	Private Accompanying	1
PFMJ 44800	Private Accompanying	2

#### Recitals

MUPS 37300	Required Junior Recital	1
MUPS 47300	Required Senior Recital	2
MUPS 47500	Required Collaborative Recital (CP)	1

Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music degree requirements.

#### MUSICIANSHIP CORE REQUIREMENTS

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601	Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
or MUTH 22501	Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
or MUTH 22601	Aural Skills III - Honors	
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3

Three credits from the following options:

MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	

PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
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PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
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MUMC 27900	Introduction to the Harpsichord	1
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PFMJ 10702	Harpsichord I-Secondary Instrument	1
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#### ADDITIONAL PERFORMANCE REQUIREMENTS

MUPS 20000	Basic Piano Pedagogy	1
or MUPS 21000	Group Piano Pedagogy	

MUPS 48500	Survey of Piano Literature I	2
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MUPS 48600	Survey of Piano Literature II	2
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MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
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MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	1
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or MUPS 17300 Performance Diction III: German Lyric Diction

or MUPS 17400 Performance Diction IV: French Lyric Diction

Select 3 credits from the following:

MUTH 353xx	Selected Topics in Music Studies	3
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MUTH 354xx	Selected Topics in Music Studies (WI)	
MUPS 41000	Piano Pedagogy Forum	
<b>Liberal Arts Requirements</b>		
ENGL 11300	Introduction to Poetry	4
Modern Language	8 credits of Modern Language in French, German, or Italian.	8
<b>Total Credits</b>		<b>100</b>

<sup>1</sup> Students entering the Center for 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.

<sup>2</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about//undergrad/schools/school-music-theatre-and-dance/>).

## Sound Recording Technology Major – B.M.

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

### Summary

Code	Title	Credits
Sound Recording Technology, Vocal B.M. Majors Requirements		88
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		32
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> *This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.*

### Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
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; 0-1 credit during internship semester)	2-4
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	1
	or MUPS 1730C Performance Diction III: German Lyric Diction	
	or MUPS 1740C Performance Diction IV: French Lyric Diction	

### Ensembles <sup>1</sup>

MUEN xxxxx	Any six credits of Music Ensemble based on MTD ensemble policies	6
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### MUSICIANSHIP CORE REQUIREMENTS

MUMC 10100	Required Recital Attendance (must be taken 6 semesters)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601 Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501 Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601 Aural Skills III – Honors	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	

### 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	1-12
MSRT 49200	Senior Project (CP)	3

Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

### Other Sound Recording Technology Requirements

THEA 31500	Advanced Sound Technology	4
<b>Liberal Arts Requirements</b>		
PHYS 16000	Physics of Sound	3
Modern Language	French, German or Italian recommended	4

**Total Credits** **88**

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about//undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
	Sound Recording Technology, Instrumental B.M. Major Requirements	82
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	38
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 8 semesters concurrent with private lessons)	0
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; 0-1 credit during internship semester)	2-4
<b>Ensemble <sup>1</sup></b>		
MUEN xxxxxx	Any six credits of Music Ensemble based on MTD ensemble policies	6
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (must be taken 6 semesters)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601Aural Skills III – Honors	
PFSM 17100	Keyboard Musicianship I (Keyboard Majors take PFSM 17500)	1
	or PFSM 17500Keyboard Musicianship I - Keyboard Majors	
PFSM 17200	Keyboard Musicianship II (Keyboard Majors take PFSM 17600)	1
	or PFSM 17600Keyboard Musicianship II - Keyboard Majors	
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
	Three credits from the following options	3
MUTH 353xx	Selected Topics in Music Studies	

MUTH 354xx Selected Topics in Music Studies (WI)

<b>SOUND RECORDING TECHNOLOGY REQUIREMENTS</b>		
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	1-12
MSRT 49200	Senior Project (CP)	3

Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

<b>Other Sound Recording Technology Requirements</b>		
THEA 31500	Advanced Sound Technology	4
<b>Liberal Arts Requirement</b>		
PHYS 16000	Physics of Sound	3
<b>Total Credits</b>		<b>82</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

## Summary

Code	Title	Credits
	Sound Recording Technology, Jazz B.M. Major Requirements	84
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	36
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
Private Study	JAZZ 17000 (2); PFMJ 1XX00 (2); or I (Jazz or JAZZ 17000 (1) and PFMJ 1XX00 (1) Classical)	4
Private Study	JAZZ 27000 (2); PFMJ 2XX00 (2); or II (Jazz or JAZZ 27000 (1) and PFMJ 2XX00 (1) Classical)	4
Private Study	JAZZ 37000 (2); PFMJ 3XX00 (2); or III (Jazz or JAZZ 37000 (1) and PFMJ 3XX00 (1) Classical)	4

Private Study IV	JAZZ 47000 (If internship is taken for a full semester lessons are not taken. If internship is a block then lessons are taken for 1.0 credit. )	2
JAZZ 19900	Jazz Repertoire and Pedagogy (0.5 credits times 4 semesters)	2
PFMJ 10000	Private Studio Performance Class (to be take concurrent with classical private lessons)	0
<b>Ensemble <sup>1</sup></b>		
MUEN xxxxx	Any six credits of Music Ensemble based on MTD ensemble policies	6
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (Six Semesters Required)	0
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601Aural Skills III – Honors	
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
PFSM 17100	Keyboard Musicianship I	1
	or PFSM 17500Keyboard Musicianship I - Keyboard Majors	
PFSM 17200	Keyboard Musicianship II	1
	or PFSM 17600Keyboard Musicianship II - Keyboard Majors	
<b>Jazz Requirements</b>		
JAZZ 20000	Jazz Theory and Aural Training I	1
JAZZ 20100	Jazz Theory and Aural Training II	1
<b>SOUND RECORDING TECHNOLOGY REQUIREMENTS</b>		
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	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	1-12
MSRT 49200	Senior Project (CP)	3

Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

<b>Other Sound Recording Technology Requirements</b>		
THEA 31500	Advanced Sound Technology	4
<b>Liberal Arts Requirement</b>		
PHYS 16000	Physics of Sound	3
<b>Total Credits</b>		<b>84</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

## Jazz Studies Major – B.M.

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

### Summary

Code	Title	Credits
	Jazz Studies, Voice B.M. Major Requirements	86
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	34
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> *This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.*

### Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (taken concurrently with PFMJ private lessons)	0
Private Voice I (Jazz or Classical)	JAZZ 17000 (2); PFMJ 10100 (2); or JAZZ 17000 (1) and PFMJ 10100(1)	4
Private Voice II (Jazz or Classical)	JAZZ 27000 (2); PFMJ 20100 (2); or JAZZ 27000 (1) and PFMJ 20100 (1)	4
Private Voice III (Jazz or Classical)	JAZZ 37000 (2); PFMJ 30100 (2); or JAZZ 37000 (1) and PFMJ 30100 (1)	4
JAZZ 47000	Jazz Private Study IV (2 credits times 2 semesters)	4
JAZZ 19900	Jazz Repertoire and Pedagogy (.5 credit times 4 semesters)	2
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	1
	or MUPS 17300Performance Diction III: German Lyric Diction	
	or MUPS 17400Performance Diction IV: French Lyric Diction	
<b>Ensembles</b>		



MUEN xxxxx	Any 10 credits of Music Ensemble based on MTD ensemble policies <sup>1</sup>	10
Music Electives	Select 1 credit of electives from any of the following department: JAZZ, MSRT, MUED, MUEN, MUMC, MUNM, MUPS, MUTH, PFMJ, PFNM, PFSM	1

**Recitals**

MUPS 37300	Required Junior Recital	1
MUPS 47300	Required Senior Recital (CP)	2
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		

**MUSICIANSHIP CORE REQUIREMENTS**

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601Aural Skills I - Honors		
MUTH 22500	Aural Skills II	2
or MUTH 22501Aural Skills II - Honors		
MUTH 22600	Aural Skills III	2
or MUTH 22601Aural Skills III – Honors		
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
JAZZ 16600	Jazz Piano I	1
JAZZ 16700	Jazz Piano II	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	

**JAZZ REQUIREMENTS**

JAZZ 16100	Survey of Jazz History	2
JAZZ 20000	Jazz Theory and Aural Training I <sup>2</sup>	1
JAZZ 20100	Jazz Theory and Aural Training II <sup>2</sup>	1
JAZZ 21000	Jazz Standards and Literature I	2
JAZZ 23000	Jazz Tune Writing	2
JAZZ 31000	Jazz Standards and Literature II	2
JAZZ 32300	Jazz Arranging I	2
JAZZ 32500	Jazz Arranging II	2

**Liberal Arts Requirement**

Modern Language	Any modern language	8
Students take 8 credits of a single language unless placed into a second-semester level, in which case may elect to fulfill the requirement with two different languages.		

<b>Total Credits</b>	<b>86</b>
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<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>). Ensemble participation should include a variety of jazz and studio music idioms in various settings and with various sizes and types of ensembles.

<sup>2</sup> 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.

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
Jazz Studies, Keyboard B.M. Major Requirements		78
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		42
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> *This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.*

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (take concurrent with PFMJ private lessons)	0
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 37000	Jazz Private Study III (2 credits times 2 semesters)	4
JAZZ 47000	Jazz Private Study IV (2 credits times 2 semesters)	4
may enroll in up to 8 credits of PFMJ xx300 private lessons instead of jazz private lessons.		
JAZZ 19900	Jazz Repertoire and Pedagogy (.5 credit times 4 semesters)	2

**Ensembles**

MUEN xxxxx	Any 10 credits of Music Ensemble based on MTD ensemble policies <sup>1</sup>	10
Music Electives	Select 5 credits of electives from any of the following department: JAZZ, MSRT, MUED, MUEN, MUMC, MUNM, MUPS, MUTH, PFMJ, PFNM, PFSM	5

**Recitals**

MUPS 37300	Required Junior Recital	1
MUPS 47300	Required Senior Recital (CP)	2

Fulfills the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

#### MUSICIANSHIP CORE REQUIREMENTS

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601Aural Skills III – Honors	
PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
	Three credits from the following options	3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
<b>JAZZ REQUIREMENTS</b>		
JAZZ 16100	Survey of Jazz History	2
JAZZ 20000	Jazz Theory and Aural Training I <sup>2</sup>	1
JAZZ 20100	Jazz Theory and Aural Training II <sup>2</sup>	1
JAZZ 21000	Jazz Standards and Literature I	2
JAZZ 23000	Jazz Tune Writing	2
JAZZ 31000	Jazz Standards and Literature II	2
JAZZ 32300	Jazz Arranging I	2
JAZZ 32500	Jazz Arranging II	2
<b>Total Credits</b>		<b>78</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about//undergrad/schools/school-music-theatre-and-dance/>). Ensemble participation should include a variety of jazz and studio music idioms in various settings and with various sizes and types of ensembles.

<sup>2</sup> 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.

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
	Jazz Studies, Instrumental B.M. Major Requirements	78
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	42
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (taken concurrent with PFMJ xxx00 private lessons)	0
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 37000	Jazz Private Study III (2 credits times 2 semesters)	4
JAZZ 47000	Jazz Private Study IV (2 credits times 2 semesters)	4
	May enroll in up to 8 credits of PFMJ xxx00 private lessons instead of jazz private lessons.	
JAZZ 19900	Jazz Repertoire and Pedagogy (.5 credit times 4 semesters)	2
<b>Ensembles</b>		
MUEN xxxxx	Any 10 credits of Music Ensembles based on MTD ensemble policies <sup>1</sup>	10
Music Electives	Select 3 credits of electives from any of the following department: JAZZ, MSRT, MUED, MUEN, MUMC, MUNM, MUPS, MUTH, PFMJ, PFNM, PFSM	3
<b>Recitals</b>		
MUPS 37300	Required Junior Recital	1
MUPS 47300	Required Senior Recital (CP)	2

Fulfills the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

#### MUSICIANSHIP CORE REQUIREMENTS

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601Aural Skills III – Honors	

PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
JAZZ 16600	Jazz Piano I	1
JAZZ 16700	Jazz Piano II	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
<b>JAZZ REQUIREMENTS</b>		
JAZZ 16100	Survey of Jazz History	2
JAZZ 20000	Jazz Theory and Aural Training I <sup>2</sup>	1
JAZZ 20100	Jazz Theory and Aural Training II <sup>2</sup>	1
JAZZ 21000	Jazz Standards and Literature I	2
JAZZ 23000	Jazz Tune Writing	2
JAZZ 31000	Jazz Standards and Literature II	2
JAZZ 32300	Jazz Arranging I	2
JAZZ 32500	Jazz Arranging II	2
<b>Total Credits</b>		<b>78</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about/undergrad/schools/school-music-theatre-and-dance/>). Ensemble participation should include a variety of jazz and studio music idioms in various settings and with various sizes and types of ensembles.

<sup>2</sup> 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.

## Jazz Studies Concentration

### Concentration Requirements

A jazz studies concentration is available to all music majors. 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 an audition/interview with the Director of Jazz Studies and written acceptance by the chair of the Music Performance department. Specific requirements for the Jazz Studies concentration 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
<b>Jazz Studies Concentration Requirements Core</b>		
JAZZ 20000	Jazz Theory and Aural Training I	1
JAZZ 20100	Jazz Theory and Aural Training II	1

JAZZ 19900	Jazz Repertoire and Pedagogy <sup>1</sup>	1
Select two credits from the following: <sup>2</sup>		2
MUEN 11900/	Jazz Ensemble/Jazz Repertory	
MUEN 11901/	Ensemble/Jazz Lab Ensemble	
MUEN 11902		
MUEN 12500	Jazz Vocal Ensemble	
MUEN 32100	Chamber Music <sup>3</sup>	
<b>Elective</b>		
Select 10 credits from the following:		10
JAZZ 16100	Survey of Jazz History	
JAZZ 16600	Jazz Piano I	
JAZZ 16700	Jazz Piano II	
JAZZ 17001	Jazz Private Study I, minor instrument or concentration <sup>4</sup>	
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	
<b>Total Credits</b>		<b>15</b>

<sup>1</sup> Course may be repeated one time for a total of 1 credit

<sup>2</sup> Courses may be repeated

<sup>3</sup> Jazz combos

<sup>4</sup> 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

Peter Silberman, Associate Professor and Chairperson

### MISSION STATEMENT:

The Department of Theory, History, and Composition cultivates musicians who listen analytically, think critically, write dynamically, and create insightfully.

The department offers three undergraduate degrees (BM Composition, Bachelor of Music in Combination with an Outside Field, and BA Music). We offer the core courses in aural skills, music theory, and music in its social and historical context 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. 597) - 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. 601) - This degree program combines the intensive study of music, including at least seven semesters of lessons on the student's primary instrument, with 24 credits of coursework in another discipline outside of the Center for 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. 603) - 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 10101 Fundamentals of Music Theory**

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 11100 Introduction to Music Studies (LA)**

An introduction to aural, notated, cultural, analytical, and technological approaches to music, setting the stage for a wide range of future music studies at the college level. Students learn about the elements of music and apply this knowledge to aurally analyze music representing diverse styles, contextualized within cultural traditions. Students develop fluency in reading, recognizing, and writing elements of Western staff notation. Students explore how technology can manipulate, analyze, notate, compose, and record music. Students cultivate productive and responsible study habits that are essential for success in the School of Music, Theatre, and Dance. #Intended for first-year students. (F,Y)

4 Credits

### **MUTH 11200 Strategies for Success in Music Studies (LA)**

Designed for students who attempted and did not successfully complete Introduction to Music Studies. In addition to building essential musical skills necessary for success in Music Theory, Aural Skills, and Music in Context classes, helps students identify their barriers to success and supports growth in skills such as time management, organization, and resilience. Intended for first-year students. Permission of instructor required. (S,Y)

2 Credits

### **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 12300 Music Theory I (LA)**

In this course, we will examine how tonal music expresses opening, development, and closure. To this end we will analyze musical excerpts and complete pieces, communicate analytical interpretations through prose, compose voice-leading paradigms in two and four parts, and aurally identify theme types, harmonic progressions, and formal sections. Prerequisites: MUTH 11100 or MUTH 11200. (F,S,Y)

3 Credits

### **MUTH 12600 Aural Skills I (LA)**

Development of musical skills through vocalizing prepared and unprepared material, melodic and rhythmic dictation, corrective listening, and vocal/keyboard exercises. Uses moveable DO solfège syllables in the major and minor modes in treble, alto, and bass clefs. Uses Takadimi beat-level rhythm syllables in simple, compound, and changing meters, including first and second divisions of the beat, fundamental rhythm patterns, and complementary rhythm. A minimum grade of C-minus must be earned to advance on to Aural Skills II. (F,S,Y)

2 Credits

### **MUTH 12601 Aural Skills I - Honors (LA)**

A more in-depth study of the material covered in MUTH 12600.

Registration is based on placement testing. Development of musical skills through vocalizing prepared and unprepared material, melodic and rhythmic dictation, corrective listening, and vocal/keyboard exercises. Uses moveable DO solfège syllables in the major and minor modes in treble, alto, and bass clefs. Uses Takadimi beat-level rhythm syllables in simple, compound, and changing meters, including first and second divisions of the beat, fundamental rhythm patterns, and complementary rhythm. A minimum grade of C-minus must be earned to advance on to Aural Skills II. Registration is based on placement testing. (F,S,Y)

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 22400 Music Theory II (LA)**

In this course we will examine the harmonic function and stylistic conventions of chromatic harmony in common-practice tonality. We will explore how chromatic harmony is used in musical forms from the phrase level to complete pieces in binary and ternary form. We will refine and continue study of music analysis begun in Music Theory I, including relationships between harmony, formal design, and texture to create areas of stability and instability. Prerequisites: MUTH 12300. (F,S,Y)

3 Credits

**MUTH 22500 Aural Skills II (LA)**

Continued development of basic musical skills learned in MUTH 12600 or MUTH 12601. 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. Rhythmic materials include anacrusis phrasing, syncopation, and changing meter. A minimum grade of C-minus must be earned to advance on to Aural Skills III. #Prerequisites: Grade of C- or above in MUTH 12600 or MUTH 12601. (F,S)

2 Credits

**MUTH 22501 Aural Skills II - Honors (LA)**

A more in-depth study of the material covered in MUTH 22500.

Continued development of basic musical skills learned in MUTH 12600 or MUTH 12601. 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. Rhythmic materials include anacrusis phrasing, syncopation, and changing meter. A minimum grade of C-minus must be earned to advance on to Aural Skills III. #Permission of instructor required. (F,S,Y)

2 Credits

**MUTH 22600 Aural Skills III (LA)**

Development of advanced musical skills, building on skills from MUTH 22500 or MUTH 22501. Continued exploration of chromaticism through secondary dominant chords and modulation (both closely and distantly related). Introduction to 20th-century materials including modal melodies, whole tone and octatonic collections, and pitch-centric post-tonal melodies. Rhythmic materials include irregular division of the beat, asymmetric meters, common triplets, polyrhythms, and advanced tempo/meter modulation. A minimum grade of C-minus must be earned to successfully complete a music major. Prerequisites: Grade of C- or above in MUTH 22500 or MUTH 22501. (F,S,Y)

2 Credits

**MUTH 22601 Aural Skills III -- Honors (LA)**

A more in-depth study of the material covered in MUTH 22500 or MUTH 22501. Continued exploration of chromaticism through secondary dominant chords and modulation (both closely and distantly related). Introduction to 20th-century materials including modal melodies, whole tone and octatonic collections, and pitch-centric post-tonal melodies. Rhythmic materials include irregular division of the beat, asymmetric meters, common triplets, polyrhythms, and advanced tempo/meter modulation. A minimum grade of C-minus must be earned to successfully complete a music major. Permission of the instructor required. Prerequisites: MUTH 22501 or MUTH 22500. (F,S,Y)

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 25300 Music in Context: The Academy, the Temple, and the Palace (LA)**

An investigation of music in social and historical contexts. Using a case study approach, we will study institutional structures that encourage, support, inspire, require, regulate, or control music, and the musical practices that have taken place within these structures. Focuses on music in places of learning and study, in religious contexts, and in political or governmental contexts. Invites inquiry into how performers, audiences, impresarios, financiers, inventors, composers, and technologies shape musical practices, and how these musical practices shape our identities. Prerequisites: MUTH 11100 or MUTH 11200. (F,Y)  
3 Credits

**MUTH 25400 Music in Context: The Stage, the Home, and the Marketplace (LA)**

An investigation of music in social-historical contexts. Using a case study approach, we will study institutional structures that encourage, support, inspire, require, regulate, or control music, and the musical practices that have taken place within these structures. Focuses on music for the public stage, the domestic sphere, and in the marketplace. Invites inquiry into how performers, audiences, impresarios, financiers, inventors, composers, and technologies shape musical practices, and how these musical practices shape our identities. Prerequisites: MUTH 11100 or MUTH 11200. (S,Y)  
3 Credits

**MUTH 25500 History and Literature of Music I (LA)**

Examination of musical practices, styles, social institutions, and cultural events from approximately 1000 to 1750. Using a case method pedagogy, this class studies narratives about specific moments in time in order to develop critical musicological skills. Students will be actively participating in the creation of knowledge through inquiry and research related to each case study. Prerequisites: Any MUTH course. (F)  
Attributes: 3B, G, H, HU  
3 Credits

**MUTH 25600 History and Literature of Music II (LA)**

Examination of musical practices, styles, social institutions, and cultural events from approximately 1750 to 1900. Using a case method pedagogy, this class studies narratives about specific moments in time in order to develop critical musicological skills. Students will be actively participating in the creation of knowledge through inquiry and research related to each case study. 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 35300-35312 Selected Topics in Music Studies (LA)**

Selected Topics in Music Studies provides students with the opportunity for in-depth academic study in any area of music including but not limited to music history, music theory, composition, ethnomusicology, or some combination thereof, and will build on material discussed in Music Theory I and II; Music in Context: The Academy, the Temple, and the Palace; Music in Context: The Stage, the Home, and the Marketplace; and Aural Skills I – III. Possible topics include The American Avant-Garde: Analysis of Contemporary Opera; Stylistic Composition. Prerequisites: MUTH 22400 and MUTH 25300 or MUTH 25400. (F,S,Y)  
3 Credits

**MUTH 35400-35412 Selected Topics in Music Studies (WI) (LA)**

This course provides students with the opportunity for in-depth academic study in any area of music including but not limited to music history, music theory, composition, ethnomusicology, or some combination thereof, and will build on material discussed in Music Theory I and II, Music in Context I and II, and Aural Skills I – III. Students 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. Possible topics include The American Avant-Garde: Analysis of Contemporary Opera; Stylistic Composition. Prerequisites: MUTH 22400 and MUTH 25300 or MUTH 25400 and WRTG 10600 or ICSM 10800 or ICSM 11800. (IRR)  
Attributes: WI  
3 Credits

**MUTH 35500 History and Literature of Music III (LA)**

Examination of musical practices, styles, social institutions, and cultural events from approximately 1900 to today. Using a case method pedagogy, this class studies narratives about specific moments in time in order to develop critical musicological skills. Students will be actively participating in the creation of knowledge through inquiry and research related to each case study. 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 and MUTH 23300 or MUTH 23301. (F,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

## Composition Major – B.M.

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

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
	Composition, Non-Performance B.M. Major Requirements	90
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	30
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> *This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.*

## Degree Requirements

Code	Title	Credits
<b>COMPOSITION LESSON REQUIREMENTS</b>		
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**

Music Ensemble	Any seven credits of MUEN <sup>1</sup>	7
Music Electives	Select 9 credits of music electives from any of the following departments: JAZZ, MSRT, MUED, MUEN, MUMC, MUNM, MUPS, MUTH, PFMJ, PFMN, PFSM	9

**MUSICIANSHIP CORE REQUIREMENTS**

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601Aural Skills III – Honors	
PFSM 17100	Keyboard Musicianship I	1
	or PFSM 17500Keyboard Musicianship I - Keyboard Majors	
PFSM 17200	Keyboard Musicianship II	1
	or PFSM 17600Keyboard Musicianship II - Keyboard Majors	
PFSM 27500	Keyboard Musicianship III	1
	or XXXXX MUSICourse XXXXX MUSIC ELECTIVES Not Found	
PFSM 27600	Keyboard Musicianship IV	1
	or XXXXX MUSICourse XXXXX MUSIC ELECTIVES Not Found	
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Six credits from the following options		6
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
<b>COMPOSITION REQUIREMENTS</b>		
MUMC 14500	Introduction to Electroacoustic Music	2
MUTH 24400	Composing in the Schools	1
MUPS 25000	Conducting I	2
MUTH 34500	Orchestration for Composers I	2
MUTH 44500	Orchestration for Composers II	2
MUMC 35500	Composition for Multimedia	2
MUMC 35700	Creative Sound Design	2
MUTH 43100	Sixteenth-Century Counterpoint	2
	or MUTH 43200Eighteenth-Century Counterpoint	
<b>CAPSTONE</b>		
MUTH 49800	Composition Recital (CP)	2

Fulfills the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

**Total Credits** **90**

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

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
	Composition, Vocal B.M. Major Requirements	90
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	30
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> *This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.*

## Degree Requirements

Code	Title	Credits
<b>COMPOSITION LESSON REQUIREMENTS</b>		
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
<b>Vocal Emphasis Private Study</b>		
PFMJ 10102	Voice I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 20102	Voice II - Secondary Instrument (1 credit times 2 semesters)	2
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	1
	or MUPS 1730CPerformance Diction III: German Lyric Diction	
	or MUPS 1740CPerformance Diction IV: French Lyric Diction	
<b>Ensembles</b>		
MUEN xxxxx	Any 6 credits of Music Ensemble based on MTD ensemble policies <sup>1</sup>	6

**MUSICIANSHIP CORE REQUIREMENTS**

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUMC 16600	Career Orientation	1
Music Electives	Select 4 credits of music electives from any of the following departments: JAZZ, MSRT, MUED, MUEN, MUMC, MUNM, MUPS, MUTH, PFMJ, PFSM, PFSM	4
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I or MUTH 12601 Aural Skills I - Honors	2
MUTH 22500	Aural Skills II or MUTH 22501 Aural Skills II - Honors	2
MUTH 22600	Aural Skills III or MUTH 22601 Aural Skills III - Honors	2
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 27500	Keyboard Musicianship III	1
PFSM 27600	Keyboard Musicianship IV	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Six credits from the following options		6
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
<b>COMPOSITION REQUIREMENTS</b>		
MUMC 14500	Introduction to Electroacoustic Music	2
MUTH 24400	Composing in the Schools	1
MUPS 25000	Conducting I	2
MUTH 34500	Orchestration for Composers I	2
MUTH 44500	Orchestration for Composers II	2
MUMC 35500	Composition for Multimedia	2
MUMC 35700	Creative Sound Design	2
MUTH 43100	Sixteenth-Century Counterpoint or MUTH 43200 Eighteenth-Century Counterpoint	2
<b>CAPSTONE</b>		
MUTH 49800	Composition Recital (CP)	2
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		
<b>Total Credits</b>		<b>90</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about/undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

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
	Composition, Keyboard B.M. Major Requirements	90
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	30
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>COMPOSITION LESSON REQUIREMENT</b>		
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
<b>Keyboard Emphasis Private Lessons</b>		
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 (1 credit times 2 semesters)	2
<b>Ensembles</b>		
Music Ensemble	Any 7 credits of MUEN <sup>1</sup>	7
Music Electives	Select 5 credits of music electives from any of the following departments: JAZZ, MSRT, MUED, MUEN, MUMC, MUNM, MUPS, MUTH, PFMJ, PFSM, PFSM	5
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I or MUTH 12601 Aural Skills I - Honors	2
MUTH 22500	Aural Skills II or MUTH 22501 Aural Skills II - Honors	2
MUTH 22600	Aural Skills III or MUTH 22601 Aural Skills III - Honors	2
PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1

MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Six credits from the following options		6
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
<b>COMPOSITION REQUIREMENTS</b>		
MUMC 14500	Introduction to Electroacoustic Music	2
MUTH 24400	Composing in the Schools	1
MUPS 25000	Conducting I	2
MUTH 34500	Orchestration for Composers I	2
MUTH 44500	Orchestration for Composers II	2
MUMC 35500	Composition for Multimedia	2
MUMC 35700	Creative Sound Design	2
MUTH 43100	Sixteenth-Century Counterpoint	2
	or MUTH 43200Eighteenth-Century Counterpoint	
<b>CAPSTONE</b>		
MUTH 49800	Composition Recital (CP)	2
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		
<b>Total Credits</b>		<b>90</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

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
Composition, Instrumental B.M. Major Requirements		90
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		30
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>COMPOSITION LESSON REQUIREMENT</b>		
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
<b>Instrumental Emphasis Private Study</b>		
PFMJ 1xx02	Private Instrument I - Secondary Instrument (1 credit times 2 semesters)	2
PFMJ 2xx02	Private Instrument II - Secondary Instrument (1 credit times 2 semesters)	2
<b>Ensembles</b>		
Music Ensemble	Any 7 credits of MUEN ensemble <sup>1</sup>	7
Music Electives	Select 5 credits of music electives from any of the following departments: JAZZ, MSRT, MUED, MUEN, MUMC, MUNM, MUPS, MUTH, PFMJ, PFNM, PFSM	5
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601Aural Skills III – Honors	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
PFSM 27500	Keyboard Musicianship III	1
PFSM 27600	Keyboard Musicianship IV	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Six credits from the following options		6
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
<b>COMPOSITION REQUIREMENTS</b>		
MUMC 14500	Introduction to Electroacoustic Music	2
MUTH 24400	Composing in the Schools	1
MUPS 25000	Conducting I	2
MUTH 34500	Orchestration for Composers I	2
MUTH 44500	Orchestration for Composers II	2
MUMC 35500	Composition for Multimedia	2
MUMC 35700	Creative Sound Design	2
MUTH 43100	Sixteenth-Century Counterpoint	2
	or MUTH 43200Eighteenth-Century Counterpoint	
<b>CAPSTONE</b>		
MUTH 49800	Composition Recital (CP)	2

Fulfills the capstone requirement and will serve to synthesize aspects of the integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

**Total Credits** **90**

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

## Music in Combination with an Outside Field – B.M.

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

### Summary

Code	Title	Credits
	Music with Outside Field, Voice B.M. Major Requirements	89
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	31
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken for 7 semesters concurrent with private lessons)	0
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)	2
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
Two credits from the following options		2
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	2
or MUPS 17300	Performance Diction III: German Lyric Diction	
or MUPS 17400	Performance Diction IV: French Lyric Diction	
MUEN xxxxx	Any 6 credits of Music Ensemble based on MTD ensemble policies <sup>1</sup>	6
Music Electives	Select 9 credits of music electives from any of the following departments: JAZZ, MSRT, MUED, MUEN, MUMC, MUNM, MUPS, MUTH, PFMJ, PFNM, PFSM	9

### MUSICIANSHIP CORE REQUIREMENTS

MUMC 10100	Required Recital Attendance (six semesters required)	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601	Aural Skills I - Honors	2
MUTH 22500	Aural Skills II	
or MUTH 22501	Aural Skills II - Honors	2
MUTH 22600	Aural Skills III	
or MUTH 22601	Aural Skills III - Honors	2
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Six credits from the following options:		6
	MUTH 353xx Selected Topics in Music Studies	
	MUTH 354xx Selected Topics in Music Studies (WI)	

### CAPSTONE

MUMC 46100	Senior Seminar in Music, Liberal Arts, and Outside Fields (CP)	2
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will fulfill the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.

### OUTSIDE FIELD REQUIREMENTS

Outside Field	The 24 credits in the Outside Field must be taken outside of Music. Outside Field requirements must be selected in consultation with your Outside Field Advisor, who must approve your plan	24
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**Total Credits** **89**

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
	Music with Outside Field, Instrumental B.M. Major Requirements	89
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	31
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.



## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 7 semesters concurrent with private lessons)	0
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)	2
MUEN xxxxx	Any 7 credits of Music Ensemble based on MTD ensemble policies <sup>1</sup>	7
Music Electives	Select 11 credits of music electives from any of the following departments: JAZZ, MSRT, MUED, MUEN, MUMC, MUNM, MUPS, MUTH, PFMJ, PFNM, PFSM	11
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601 Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
	or MUTH 22501 Aural Skills II - Honors	
MUTH 22600	Aural Skills III	2
	or MUTH 22601 Aural Skills III – Honors	
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Six credits from the following options:		6
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
<b>CAPSTONE</b>		
MUMC 46100	Senior Seminar in Music, Liberal Arts, and Outside Fields (CP)	2
	Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.	
<b>OUTSIDE FIELD REQUIREMENTS</b>		

Outside Field	The 24 credits in the Outside Field must be taken outside of Music. Outside Field requirements must be selected in consultation with your Outside Field Advisor, who must approve your plan	24
<b>Total Credits</b>		<b>89</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

This B.M. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

## Summary

Code	Title	Credits
	Music with Outside Field, Keyboard B.M. Major Requirements	89
	Integrative Core Curriculum Requirements & Electives <sup>1</sup>	31
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts Perspective.

## DEGREE REQUIREMENTS

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 7 semesters concurrent with private lessons)	0
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 semester)	2
MUEN xxxxx	Any 7 credits of Music Ensemble based on MTD ensemble policies <sup>1</sup>	7
Music Electives	Select 11 credits of music electives from any of the following departments: JAZZ, MSRT, MUED, MUEN, MUMC, MUNM, MUPS, MUTH, PFMJ, PFNM, PFSM	11
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (Six Semesters Required)	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
	or MUTH 12601 Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2

or MUTH 22501Aural Skills II - Honors		
MUTH 22600	Aural Skills III	2
or MUTH 22601Aural Skills III – Honors		
PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Six credit from the following options		6
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
<b>CAPSTONE</b>		
MUMC 46100	Senior Seminar in Music, Liberal Arts, and Outside Fields (CP)	2
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrative Core Curriculum with the Student's School of Music, Theatre, and Dance degree requirements.		
<b>OUTSIDE FIELD REQUIREMENTS</b>		
Outside Field	The 24 credits in the Outside Field must be taken outside of Music. Outside Field Requirements must be selected in consultation with your Outside Field Advisor, who must approve your plan	24
<b>Total Credits</b>		<b>89</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

## Music Major – B.A.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

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, Vocal B.A. Major Requirements	50
	Integrative Core Curriculum Requirements & Elective <sup>1</sup>	70
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> *This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.*

## Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 6 semesters concurrent with private lessons)	0
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
MUPS 17100	Performance Diction I: IPA and English Lyric Diction	1
MUPS 17200	Performance Diction II: Italian and Spanish Lyric Diction	1
or MUPS 17300Performance Diction III: German Lyric Diction		
or MUPS 17400Performance Diction IV: French Lyric Diction		
MUEN xxxxx	Any 4 credits of Music Ensemble based on MTD ensemble policies <sup>1</sup>	4
Music Electives	Select 4 credits of music electives from any of the following departments: JAZZ, MSRT, MUED, MUEN, MUMC, MUNM, MUPS, MUTH, PFMJ, PFMN, PFSM	4
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601Aural Skills I - Honors		
MUTH 22500	Aural Skills II	2
or MUTH 22501Aural Skills II - Honors		
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics Music Studies (WI)	
<b>CAPSTONE</b>		
MUMC 46100	Senior Seminar in Music, Liberal Arts, and Outside Fields (CP)	2
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		
<b>Total Credits</b>		<b>50</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about/undergrad/schools/school-music-theatre-and-dance/>).

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

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, Instrumental B.A. Major Requirements		50
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		70
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> *This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.*

Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 6 semesters concurrently with private lessons)	0
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
MUEN xxxxx	Any 4 credits of Music Ensemble based on MTD ensemble policies <sup>1</sup>	4
Music Electives	Select 6 credits of music electives from any of the following department: JAZZ, MSRT, MUED, MUEN, MUMC, MUNM, MUPS, MUTH, PFMJ, PFNM, PFSM	6
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601Aural Skills I - Honors		
MUTH 22500	Aural Skills II	2
or MUTH 22501Aural Skills II - Honors		
PFSM 17100	Keyboard Musicianship I	1
PFSM 17200	Keyboard Musicianship II	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3

Three credits from the following options:		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	

CAPSTONE

MUMC 46100	Senior Seminar in Music, Liberal Arts, and Outside Fields (CP)	2
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		

<b>Total Credits</b>	<b>50</b>
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<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (p. 520).

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

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, Keyboard B.A. Major Requirements		50
Integrative Core Curriculum Requirements & Electives <sup>1</sup>		70
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> *This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.*

Degree Requirements

Code	Title	Credits
<b>MUSIC PERFORMANCE REQUIREMENTS</b>		
PFMJ 10000	Private Studio Performance Class (must be taken 6 semesters concurrent with private lessons)	0
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
MUEN xxxxx	Any 4 credits of Music Ensemble based on MTD ensemble policies <sup>1</sup>	4
Music Electives	Select 6 credits of music electives from any of the of the following departments: JAZZ, MSRT, MUED, MUEN, MUMC, MUNM, MUPS, MUTH, PFMJ, PFNM, PFSM	6
<b>MUSICIANSHIP CORE REQUIREMENTS</b>		
MUMC 10100	Required Recital Attendance (six semesters required)	0
MUMC 16600	Career Orientation	1
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3

MUTH 22400	Music Theory II	3
MUTH 12600	Aural Skills I	2
or MUTH 12601	Aural Skills I - Honors	
MUTH 22500	Aural Skills II	2
or MUTH 22501	Aural Skills II - Honors	
PFSM 17500	Keyboard Musicianship I - Keyboard Majors	1
PFSM 17600	Keyboard Musicianship II - Keyboard Majors	1
MUTH 25300	Music in Context: The Academy, the Temple, and the Palace	3
MUTH 25400	Music in Context: The Stage, the Home, and the Marketplace	3
Three credits from the following options		3
MUTH 353xx	Selected Topics in Music Studies	
MUTH 354xx	Selected Topics in Music Studies (WI)	
CAPSTONE		
MUMC 46100	Senior Seminar in Music, Liberal Arts, and Outside Fields (CP)	2
Fulfills the capstone requirement and will serve to synthesize aspects of the Integrated Core Curriculum with the student's School of Music, Theatre, and Dance degree requirements.		
<b>Total Credits</b>		<b>50</b>

<sup>1</sup> Ensemble policy can be found on the Center for Music tab of the School of Music, Theatre, and Dance catalog page (<https://catalog.ithaca.edu/about://undergrad/schools/school-music-theatre-and-dance/>).

## Music Minors

- Music Minor (p. 609)

### 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 11000 Notes and Keys (LA)

Master foundational skills for first-year musicianship courses for music majors and musical theatre majors. This course allows students to advance their music literacy skills while learning basic vocal and keyboard performance techniques, even without access to a keyboard. Students have the option to complete extra activities. (U,W,Y)  
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 4 credits. (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 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 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 Music Recital (NLA)**

A solo or shared public recital. Full recitals (approximately one hour in length) are normally 1 or 2 credits. Shared or shorter programs are normally .5 - 1 cr. (F,S)

0.5-2 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. Class meetings: Two hours per week for one block. Prerequisites: Two semesters of private lessons at level 2. (F,S)

1 Credit

**MUMC 35500 Composition for Multimedia (LA)**

This course offers a theoretical and practical introduction to the art and craft of composition for multimedia. It comprises lectures on theoretical aspects of sound and image and their relationship, as well as practical, hands-on projects in various media. Students will develop skills in underscoring for film and scoring for gaming and other interactive media using appropriate compositional techniques and strategies. Students will learn to use technology that effectively integrates sound and visual media, making use of special effects informed by audiovisual literature and psychoacoustics. Students meet for one lecture and one lab per week. Prerequisites: MUMC 14500 and MUTH 11100 or MUTH 11200. (E,F)

2 Credits

**MUMC 35700 Creative Sound Design (LA)**

This course focuses on the theoretical and practical study of creative sound design through exploring software and hardware and applying electronic music composition processes and techniques. Topics include the history, theory, aesthetics, repertoire, and practice of electronic music, as well as studio techniques and copyright principles. Students will complete practical and theoretical projects and use a variety of Digital Audio Workstations. The course will meet for one lecture and one lab a week. Prerequisites: MUMC 14500. (F,O)

2 Credits

**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. 2 credits. (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 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 : 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. (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)

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 String Literature and Practices (LA)**

The study of string literature from the 17th century through the present. 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. (IRR)  
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 Minor**

This program provides an organized sequence of study for students majoring outside of music. Each applicant must audition on a principal instrument or voice. Auditions must be scheduled through the Music, Theatre, and Dance admission office.

**Requirements**

Code	Title	Credits
<b>Program Requirements</b> <sup>1,2</sup>		
MUTH 11100	Introduction to Music Studies	4
MUTH 12300	Music Theory I	3
MUTH 12600	Aural Skills I	2
or MUTH 12601Aural Skills I - Honors		
Select 3 credits from the following options:		3
MUTH 253xx	Music in Context: The Academy, the Temple, and the Palace	
MUTH 254xx	Music in Context: The Stage, the Home, and the Marketplace	
<b>Private Lessons</b>		
PFMJ 1xxx1	Private Instrument	2
PFMJ 2xxx1	Private Instrument	2
<b>Ensemble</b>		4
MUEN xxxxx	Any MUEN Ensemble	
<b>Total Credits</b>		<b>20</b>

<sup>1</sup> Students are requested to meet with their minor advisor at the beginning of the minor to plan the semesters of private study.  
<sup>2</sup> Normally students enroll in ensemble during the semesters of private instrument study. Consecutive Fall/Spring semesters are advised for many ensembles, although exceptions can be accommodated. Many ensembles require an audition. Auditions generally occur in the fall semester for both fall and spring ensembles. Minors are expected to follow the Center for Music Ensemble policy (<https://catalog.ithaca.edu/undergrad/schools/school-music-theatre-and-dance/#musicpoliciestext>).

**Theatre and Dance Performance**

**Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science**

**Cynthia Henderson, Professor and Chair**  
**Gavin Mayer, Assistant Professor and Musical Theatre Coordinator**  
**Dean Robinson, Assistant Professor and Acting Coordinator**  
The Department of Theatre and Dance Performance is situated in the Center for Theatre and Dance within the School of Music, Theatre and Dance and offers curricula leading to the bachelor of fine arts in acting



and musical theatre as well as the minor in dance. For information about each major, contact the program coordinator.

- **Acting Major - B.F.A.:** 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.
- **Musical Theatre Major - B.F.A.:** 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.
- **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.

## Majors and Minors

- Acting Major — B.F.A. (p. 619)
- Musical Theatre Major — B.F.A. (p. 619)
- Dance Minor (p. 620)

### 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. (IRR)

Attributes: CA, TIDE

3 Credits

### DNCE 10300 Functional Awareness for Dance (LA)

Functional Awareness for Dance is an introduction to human anatomy with an emphasis on the musculoskeletal system and principles of movement. It is designed to provide basic knowledge of the function of the human body as a means to facilitate the art of dancing. (F)

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 13900 Rehearsal and Performance for Dance (NLA)

Laboratory participation in rehearsal and performance of a dance production. Students receive credit for assignments in dance performance. The student is evaluated by the faculty member in charge of the designated dance work. Evaluation is based on degree of professional attitude during the rehearsal process and quality of performance. (IRR)

0-2 Credits

### 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 30300 Dance for the Camera (LA)**

The course is designed to introduce digital video technology in dance through the acquisition of technical and creative skills required to choreograph, compose, edit, and disseminate Dance for Camera works. Permission by instructor is required. (F)

1.5 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

**DNCE 40100 Partnering in Dance (NLA)**

This course is an advanced dance technique class that works to develop proficiency in partnering through the study of partnering fundamentals. Students will learn and perform choreographies working collaboratively with partners integrating these techniques. Prerequisites: One 300-level DNCE. (F)

1.5 Credits

**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, CA, FA, TIDE

4 Credits

**THEA 10200 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 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. Combines lecture with studio work. (S,Y)  
Attributes: 3B, CA, FA, TIDE  
4 Credits

**THEA 10500 Introduction to Professional Theatre (NLA)**

Survey of theatre spaces, organizational structures and personnel involved in the making of professional theatre. (F,Y)  
2 Credits

**THEA 10600 Race and Theatre in the United States (LA)**

This course encourages students to think critically about the formation of racialized thinking and racism in the United States and how this impacts theatre making – both historically and today. Students learn about the intersection of race and theatre in the United States through class discussions, readings, lectures, videos, exams and in-class group work.##(F,S,Y)  
2 Credits

**THEA 10700 The Actor's Process (NLA)**

A summary overview of the art of acting, with introductory emphasis on core principles of the craft an actor might employ when preparing for and executing a role in a production. Students will regularly engage in exercises that reinforce the techniques employed in the craft of acting. (F,S,Y)  
2 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 production activities relating to the mounting of productions. Prepares students for crew, supervision. May be repeated once. (F,S,Y)  
2 Credits

**THEA 11100 Studio Foundations for Theatrical Design (NLA)**

Introductory studio course in the tools used in the designing and presentation of scenic, costume, lighting, and sound design. Prerequisites: THEA 12000. (S,Y)  
2 Credits

**THEA 11200 Scenic Technology (NLA)**

Introduction to and practical experience in general theatre scenery construction, including: machinery, tools, shop and safety procedures. Prerequisites: THEA 11800. (F,Y)  
2 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: THEA 11800. (F,Y)  
2 Credits

**THEA 11400 Lighting Technology (NLA)**

Introduction to and practical experience in theatre lighting technology, including: basic electrical principles, installation and use of theatre equipment, and the responsibilities and duties of a theatrical master electrician. Prerequisites: THEA 11800. (S,Y)  
2 Credits

**THEA 11500 Sound Technology (NLA)**

Introduction to and practical experience in theatre sound technology, including: basic acoustic principles, installation and use of theatre equipment, and the responsibilities and duties of a theatrical sound engineer. Prerequisites: THEA 11800. (S,Y)  
2 Credits

**THEA 11600 Theatrical Properties (NLA)**

Introduction to and practical experience in theatre properties including: production, materials and techniques. Prerequisites: THEA 11800. (F,Y)  
2 Credits

**THEA 11700 Scenic Art (NLA)**

Introduction to and practical experience in scenic painting, including: production, materials and techniques. (S,Y)  
2 Credits

**THEA 11800 Theatrical Production Foundations (NLA)**

An in-depth foundational introduction to the technical production focusing on processes, staffing, performance spaces, and professional standards used in producing live theatre. (F,Y)  
2 Credits

**THEA 12000 Theatrical Design Foundations (LA)**

An in-depth foundational introduction to the art of theatrical design, focusing on the theories, methodologies used by professional scenic, costume, lighting and sound designers. Focus on the analysis, interpretation, visualization and auralization of dramatic work. (F,Y)  
Attributes: FA  
2 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,IRR)  
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. Corequisite: THEA 13500. (F,Y)  
Attributes: FA  
3 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. Corequisite: THEA 13300. (F,Y)

3 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: THEA 13500. Corequisite: THEA 13400. (S,Y)

3 Credits

**THEA 13700 Stage Combat (NLA)**

Training in hand-to-hand stage combat techniques and choreography. Offered through the Ithaca College London Center. (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 13920 The Performance Workshop and Rasaboxes (NLA)**

The Performance Workshop and Rasaboxes is an immersive program in the training and application of a suite of performance exercises devised by Richard Schechner and developed by Paula Murray Cole and others. Rigorous daily training includes yoga, extensive breath, voice and movement work, in group exercises, and performance composition. (IRR)

2 Credits

**THEA 13990 Alexander Technique Explorations (NLA)**

This course will engage the primary principles and practices of the Alexander Technique, a movement education modality that explores and facilitates one's own discovery of thinking, moving and interacting with others within any environment or activity with ease, presence and connectedness. The work will be accomplished through group exercises, readings and reflective writing/creative assignments, observation and activities, as well as optional individual lessons. (B,S,F,Y)

1 Credit

**THEA 15000 Theatre Administration Practicum I (NLA)**

Introduction to theatre administration practicum through a series of rotations in front-of-house, marketing, and events. Must be taken for two consecutive semesters in fall and spring. (F,S,Y)

2 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)

4 Credits

**THEA 15200 Theatre Administration Foundations (NLA)**

Introduction to the field of theatre administration through the lens of each professional area using the Center for Theatre and Dance's Dillingham Center as your laboratory. (F,Y)

2 Credits

**THEA 16000 Stage Management Practicum I (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)

2 Credits

**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)

2 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: Global Theatre in 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)

Attributes: WGS

4 Credits

**THEA 21000 Theatre Production II (NLA)**

Technical supervision or design assignment in production for the department. May be repeated twice for a maximum of six credits. Prerequisites: THEA 11000. (F,S,Y)

3 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 11800. (S,Y)

2 Credits

**THEA 22200 Scenic Design (LA)**

Analysis and interpretation of dramatic works in the discipline of scenic design. Script analysis, visual research, conceptualization, and how scenery is used as a design medium to convey story. Combines lecture with studio practice. Prerequisites: THEA 12000 or THEA 10400. (F,Y)

Attributes: FA

2 Credits



**THEA 22201 Theatrical Model Building (NLA)**

Introduction to the tools and techniques used to model theatrical scenery prior to installation and the tools and standards used to document theatrical scenic design such as drafting. Prerequisites: THEA 11100.

Corequisite: THEA 22200. (F,Y)

2 Credits

**THEA 22300 Costume Design (LA)**

Analysis and interpretation of dramatic works in the discipline of costume design. Script analysis, character analysis, research, composition, and how costumes are used as a design medium to convey story. Combines lecture with studio practice. Prerequisites: THEA 12000 or THEA 10400. (F,Y)

Attributes: FA

2 Credits

**THEA 22301 Costume Rendering (NLA)**

Introduction to the tools and standards used to model theatrical costumes for collaboration and construction for theatrical costume design. Prerequisites: THEA 11100. Corequisite: THEA 22300. (F,Y)

2 Credits

**THEA 22400 Lighting Design (LA)**

Analysis and interpretation of dramatic works in the discipline of lighting design. Script analysis, visual research, conceptualization, and how light is used as a design medium to convey story. Combines lecture with studio practice. Prerequisites: THEA 12000 or THEA 10400. (F,Y)

Attributes: FA

2 Credits

**THEA 22401 Theatrical Lighting Visualization & Documentation (NLA)**

Introduction to the tools used to model theatrical lighting prior to installation and the tools and standards used to document theatrical lighting design. Corequisite: THEA 22400. Prerequisites: THEA 11100; THEA 11400; THEA 22000. (F,Y)

2 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 basic studio techniques, etc., are used to develop and present design ideas. Combines lecture with studio practice. Prerequisites: THEA 12000, THEA 10400, or TVR 27100. (F,Y)

Attributes: FA

2 Credits

**THEA 22501 Theatrical Sound Creation and Editing (NLA)**

The focus of the course is to introduce techniques and skills that are necessary for dramatic sound design. Corequisite: THEA 22500.

Prerequisites: THEA 11000 and THEA 11500. (F,Y)

2 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. (IRR)

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. (IRR)

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.

B.F.A. acting or musical theatre majors only. Prerequisites: 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 23990 Intimacy Choreography (NLA)**

Introductory course in approaches and techniques of staging theatrical intimacy. Prerequisites: THEA 10700, THEA 13100, or THEA 13200.

(B,IRR,Y)

1 Credit

**THEA 24100 History of Theatre (LA)**

Evolution of global theatre from the origins of performance through the early modern era. Students analyze and evaluate the various systemic influences on global performance including – but not limited to – cultural, political, and economic influences. (F,S,Y)

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

4 Credits

**THEA 24300 Cultural Context for Theatre Design I (LA)**

This course is an intensive survey of the history of significant cultural expression in aural and visual style from 3000 BCE to the 18th century intended to give each student a base knowledge to draw from and expand upon in future projects and productions. Students examine the evolution of style by studying various types of art and literature and the many socio-economic, political, and religious factors that influenced them. The class will focus on not only the absorption of information, but the process of critical thought and interpretation. (F,Y)

Attributes: CA, TIDE

2 Credits

**THEA 24400 Cultural Context for Theatre Design II (LA)**

This course is an intensive survey of the history of significant cultural expression in dress and architecture from the 19th century to present day. It is intended to give each student a base knowledge to draw from and expand upon in future projects and productions. Students will examine the development of visual and aural style by studying various types of art, music, and literature and the many socio-economic, political, and religious factors that influenced them. The class will focus on not only the absorption of information, but the process of critical thought and interpretation. (F,Y)

Attributes: CA, TIDE

2 Credits

**THEA 25000 Marketing the Arts (NLA)**

Examine integrated marketing and publicity strategies, concepts, designs, and implementation plans used by not-for-profit and for-profit organizations to attract and maintain loyal patron base. Participate in professional practice through simulated and real life application.

Prerequisites: THEA 25100 or THEA 25101. (F,Y)

4 Credits

**THEA 25100 Theatre Administration I (NLA)**

Survey of arts administration in the United States from the perspective of the arts organization or company. The course integrates real world scenarios through the study of the case method, lectures, and projects. (F,S,Y)

2 Credits

**THEA 25101 Theatre Arts Administration II (NLA)**

Overview of theatre arts administration in the United States from the perspective of the individual arts practitioner. The course integrates guest artists/professionals, hands-on projects, and career preparation activities to understand the interrelationship between arts practitioners and administration. (F,S,Y)

2 Credits

**THEA 25400 Theatre Administration Practicum II (NLA)**

Continuation of intermediate skills development in theatre administration practicum through a semester-long assignment in publicity, promotions, analytics, audience segmentation, and social media marketing.

Prerequisites: THEA 15000. (F,S,Y)

2 Credits

**THEA 25500 Playwriting I (LA)**

This course introduces students to the fundamental elements of play construction: plot, character, dialogue, conflict, language, rhythm, dramatic structure/journey. Through progressive writing assignments and specific feedback students are guided to complete and revise a 10-minute play, which is presented script-in-hand at the end of the semester in PlayFEST. Prerequisites: Any 100-level THEA course. (F,S,Y)

4 Credits

**THEA 25600 Directing I (LA)**

An introduction to the fundamental tools of stage direction. Prerequisites: THEA 10700, THEA 13100, or THEA 13300. (F,S,Y)

4 Credits

**THEA 25700 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. (F,Y)

4 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. (F)

4 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 Selected Topics in 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 27901 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 31000 Theatre Production III (NLA)**

Advanced technical supervision or design assignment in production for the department. May be repeated for a maximum of eight credits. Prerequisites: THEA 21000. (F,S,Y)

0.5-4 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. (IRR)

4 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 11200; THEA 21000. (S,Y)

4 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. (S,Y)

4 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)

4 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: MSRT 14300, or TVR 27100, or both THEA 11500 and THEA 21000 (may be taken concurrently). (F,Y)

4 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. (S,Y)

4 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)

4 Credits

**THEA 32200 Advanced Scenic Design (LA)**

Advanced study of the art of scenic design, examining complex and varied forms of dramatic works and the nature of collaboration inherent within theatrical design. Prerequisites: THEA 22200. (S,Y)

Attributes: FA

2 Credits

**THEA 32201 Advanced Drafting and Model Building (LA)**

Advanced tools and techniques used to model theatrical scenery prior to installation and the tools and standards used to document theatrical scenic design such as drafting. Prerequisites: THEA 22201. (S,Y)

2 Credits

**THEA 32300 Advanced Costume Design (LA)**

Advanced study of the art of costume design, examining complex and varied forms of dramatic works and the nature of collaboration inherent within theatrical design. Prerequisites: THEA 22300. (S,Y)

Attributes: FA

2 Credits

**THEA 32301 Advanced Costume Rendering (NLA)**

Advanced topics and application in the the rendering and design documentation tools used in theatrical costume design. Prerequisites: THEA 22301. (S,Y)

2 Credits

**THEA 32400 Advanced Lighting Design (LA)**

Advanced study of the art of lighting design, examining complex and varied forms of dramatic works and the nature of collaboration inherent within theatrical design. Additionally students will investigate varied professions within lighting design. Prerequisites: THEA 22400. (S,Y)

Attributes: FA

2 Credits

**THEA 32401 Advanced Lighting Visualization and Documentation (NLA)**

Advanced topics and application in the the pre-visualization and design documentation tools used in theatrical lighting design. Prerequisites: THEA 22401. (S,Y)

2 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 22501. (S,Y)

Attributes: FA

2 Credits

**THEA 32501 Theatrical Mixing (NLA)**

Advanced topics and tools used in live theatrical audio mixing.

Prerequisites: THEA 22501. (S,Y)

2 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: THEA 23400. (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. (IRR)

3 Credits

**THEA 33300 Musical Theatre Workshop I (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: THEA 23300. (S,Y)

Attributes: FA

2 Credits

**THEA 33400 Musical Theatre Workshop II (LA)**

A team-taught, interdisciplinary, performance-oriented course focusing on audition techniques and advanced skills for the musical theatre performer. Prerequisites: THEA 33300. (F,Y)

2 Credits

**THEA 33500 Advanced Voice, Speech, and Dialects for the Stage (NLA)**

Advanced and specialized studies in voice production, speech sounds, dialects, and articulation. Open to BFA musical theatre majors on a space available basis, by permission of instructor. Prerequisites: THEA 23600. (F,Y)

3 Credits

**THEA 33700 Voice-Over Acting (NLA)**

The study of the techniques of voice-over acting and their application the wide variety of voice-over genre. Prerequisites: THEA 23500 and THEA 23600. (IRR)

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)

2 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. (F,S,Y)

Attributes: 3B, DLIT, G, WI

4 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. (F,S,Y)

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

3 Credits

**THEA 35000 Theatre Administration Practicum III (NLA)**

Advancing skills in theatre administration practicum through a semester-long assignment in a leadership role in front-of-house, marketing, or events. These practicum experiences may take place on the Ithaca College campus, regionally, abroad, or remotely. Prerequisites: THEA 25400. (F,S,Y)

2 Credits

**THEA 35100-35800 Financing the Arts (NLA)**

Examines the historic foundation and current trends of philanthropy and commercial investing to secure funding for arts and culture productions and events. Students participate in professional practice through real-life and simulated application. Prerequisites: THEA 25100 or THEA 25101. (S,Y)

4 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)

4 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)

4 Credits

**THEA 40000 NYC Field Studies (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 culminating 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 eight credits. B.F.A. Theatre Production & Design majors only. Prerequisites: THEA 31000. (F,S,Y)

0.5-4 Credits

**THEA 41200 Theatre Production and 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.

Students will reflect upon their coursework within their major and across Ithaca College. (F,Y)

Attributes: CP

2 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: THEA 33100 or THEA 33200 (may be taken concurrently). (F,Y)

Attributes: CP

1.5 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 III (LA)**

A team-taught, interdisciplinary, performance-oriented course focusing on the integration of dance, acting and musical skills, complex ensemble singing, and exposure to the process of rehearsing new works.

Prerequisites: THEA 33400. (F,Y)

Attributes: FA

2 Credits

**THEA 43400 Musical Theatre Workshop IV (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: THEA 43300. (S,Y)

Attributes: CP, 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. (IRR,Y)  
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. Permission of instructor required. (S,Y)  
0-1 Credits

**THEA 43700 The Business of Acting (NLA)**

Introduction to the business and self-entrepreneur side of acting and the entertainment industry. Prerequisites: THEA 33100 (can be taken concurrently). (F,Y)  
1.5 Credits

**THEA 43800 Acting for Film & Media (NLA)**

Introduction to acting techniques that are specific for working in film and media such as media vocabulary, film terminology, narrative languages of film and media, on-camera auditions, and voiceover skills. Prerequisites: THEA 33100. (IRR)  
3 Credits

**THEA 44100 Contemporary Developments in Theatre (LA)**

This course offers a path of exploration of contemporary developments in drama, theatre, and performance, with a focus on both US and global cutting-edge plays and performances. Students explore a variety of dramatic styles and performative methods, developing expanded tools of inquiry and analysis that contribute to their academic and professional careers. Prerequisites: THEA 24100. (F,S,Y)  
Attributes: HU  
4 Credits

**THEA 44400 Senior Seminar (LA)**

A selected topics seminar course combining theatre and performance history, critical theory, and adaptation. Students engage in advanced study and original research under the guidance of a faculty member and meet regularly to exchange information and hold discussions. The course culminates in a research project. Prerequisites: THEA 24100 and any dramatic literature course with a DLIT designation. (IRR)  
Attributes: HU  
4 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)**

This course is designed to provide students with an overview of the theoretical framework that accompanies performance in its broad definitions. Theories examined include "critical theories" including semiotics, phenomenology, post-structuralism and deconstruction, postmodern theory, and post-colonial theory, along with other contemporary theoretical discourses. Students critically analyze core theories of performance and apply them in reading, critiquing, and creating a group performance. Prerequisites: THEA 24100. (S,Y)  
Attributes: HU  
4 Credits

**THEA 44700 Theatre Studies Ensemble (NLA)**

Collaborative ensemble course that encourages students to apply skills from their area(s) of focus to the development and performance of a new piece of theatre. Prerequisites: Two of the following: THEA 35400, THEA 35500, or THEA 35700. (S,Y)  
3 Credits

**THEA 45100 Theatre Administration Seminar (NLA)**

The culminating course for Theatre Administration majors. Through case method and reflective assignments, students consider how their major coursework has prepared them for the theatre profession, while reflecting upon the entirety of their Ithaca College experience. (S,Y)  
Attributes: CP  
2 Credits

**THEA 45400 Playwriting II (LA)**

Writing of a full-length play. Class discussion and analysis of student writing, supplemented by individual conferences with the instructor and rehearsals/workshops with an Ensemble of Actors. Prerequisites: THEA 25500. (S,Y)  
Attributes: FA  
4 Credits

**THEA 45600 Directing II (LA)**

The application of fundamental directing tools in a laboratory environment, culminating in the rehearsal and performance of a short scene. Permission of instructor required. Prerequisites: THEA 25500 with a grade of B or above. (S,Y)  
4 Credits

**THEA 45700 Dramaturgy II (LA)**

This course deepens the study of dramaturgy as 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 25700. (S,Y)  
4 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)  
4 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)  
Attributes: CP  
2 Credits

**THEA 47800-47801 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 47900-47901 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 49000-49001 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 12 credits. (F,S,Y)

1-12 Credits

**THEA 49900-49901 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

## Acting Major – B.F.A.

This B.F.A. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

The student is admitted to the major in acting following a successful audition with members of the theatre and dance performance faculty.

## Summary

Code	Title	Credits
Acting B.F.A. Major Requirements		79-81
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		39-41
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>THEATRE FOUNDATION</b>		
THEA 102xx	Technical Theatre Practicum (must be taken two times for a total of 2 credits)	2
THEA 10500	Introduction to Professional Theatre	2
THEA 10600	Race and Theatre in the United States	2
THEA 24100	History of Theatre	4
Dramatic Literature"	Select 8 credits of courses with the attribute "DLIT"	8
<b>ACTING, VOICE, MOVEMENT, AND DANCE</b>		
THEA 13300	Scene Study I	3
THEA 13400	Scene Study II	3
THEA 13500	Voice and Movement for the Stage I	3
THEA 13600	Voice and Movement for the Stage II	3

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 33500	Advanced Voice, Speech, and Dialects for the Stage	3
THEA 43100	Acting for the Camera	3
THEA 43000	Audition Techniques	1.5
THEA 40000	NYC Field Studies	0-1
THEA 43600	Theatre Showcase	0-1
THEA 43700	The Business of Acting	1.5

**THEATRE PRACTICE**

THEA 25100	Theatre Administration I	2
or THEA 25101	Theatre Arts Administration II	
THEA 25600	Directing I	4
Chose one upper level theory course		4
THEA 44100	Contemporary Developments in Theatre	
THEA 44400	Senior Seminar	
THEA 44600	Theories of Performance	

**Dance/Movement**

Select three credits from the following:		3
DNCE xxxxx	Any dance technique class <sup>1</sup>	
THEA 13700	Stage Combat	
THEA 13990	Alexander Technique Explorations	
THEA 23990	Intimacy Choreography	
THEA 23900	The Alexander Technique	

**Theatre Electives**

Select twelve credits from the following:		12
THEA 10900	Introduction to Musical Theatre Performance	
THEA 13920	The Performance Workshop and Rasaboxes	
THEA 19100	Theatre for Social Change	
THEA 33200	Styles of Acting: Farce and High Comedy	
THEA 33700	Voice-Over Acting	
THEA 43800	Acting for Film & Media	
THEA 43500	Advanced Scene Study	

**Total Credits** **79-81**

<sup>1</sup> Dance courses must be at the appropriate level, determined in consultation with dance faculty members. DNCE 10000, DNCE 10300, DNCE 30100, and DNCE 30200 may not count toward this requirement.

## Musical Theatre Major – B.F.A.

This B.F.A. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

The student is admitted to the major in musical theatre following a successful audition with members of the theatre and music performance faculty.

## Summary

Code	Title	Credits
	Musical Theatre B.F.A. Requirements	92
	Integrative Core Curriculum Requirements and Electives <sup>1</sup>	28
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>THEATRE FOUNDATION</b>		
THEA 102xx	Technical Theatre Practicum (must be taken two times)	2
THEA 10500	Introduction to Professional Theatre	2
THEA 10600	Race and Theatre in the United States	2
THEA 24100	History of Theatre	4
	Dramatic Literature (any 4 credits with attribute DLIT)	4
<b>ACTING, VOICE, AND MOVEMENT</b>		
THEA 13300	Scene Study I	3
THEA 13400	Scene Study II	3
THEA 13500	Voice and Movement for the Stage I	3
THEA 13600	Voice and Movement for the Stage II	3
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 33300	Musical Theatre Workshop I	2
THEA 33400	Musical Theatre Workshop II	2
THEA 43300	Musical Theatre Workshop III	2
THEA 43400	Musical Theatre Workshop IV	2
<b>DANCE</b>		
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
	Select two courses of DNCE at the 200-level 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	
<b>MUSIC</b>		
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
<b>Vocal Study</b>		
PFMJ 10100	Voice I - Music Major (Must be taken twice for two credits)	4
PFMJ 20100	Voice II - Music Majors (Must be taken twice for two credits)	4
PFMJ 30100	Voice III - Music Majors (Must be taken twice for two credits)	4
PFMJ 40100	Voice IV - Music Majors (Must be taken twice for two credits)	4
PFMJ 10000	Private Studio Performance Class <sup>1</sup>	0
<b>Total Credits</b>		<b>92</b>

<sup>1</sup> Private Studio Performance Class (PFMJ 10000) linked at section level to Private Study.

## 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 center for theatre and dance administrative office.

### Requirements

Code	Title	Credits
<b>FOUNDATION COURSES</b>		
DNCE 10300	Functional Awareness for Dance	3
DNCE 30100	Survey of Dance History	3
DNCE 30200	Dance Composition	3
<b>CORE TECHNIQUE COURSES</b>		
DNCE 21100	Ballet III (two semesters)	2
DNCE 22100	Modern Dance III (two semesters)	2
<b>ADDITIONAL TECHNIQUE COURSES</b>		
	Select two credits from the following:	2

DNCE 13100	Jazz Dance I
DNCE 13200	Jazz Dance II
DNCE 13900	Rehearsal and Performance for Dance (Rehearsal and Performance for Dance)
DNCE 14100	Tap Dance I
DNCE 14200	Tap Dance II
DNCE 23100	Jazz Dance III
DNCE 24100	Tap Dance III
DNCE 30300	Dance for the Camera (Dance for the Camera)
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 40100	Partnering in Dance (Partnering)

**Total Credits****15**

## Theatre Production and Management

Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science

**Ainsley Anderson, Instructor and Chair, Degree Coordinator of  
Theatrical Production & Design**

**Amanda Spooner, Assistant Professor and Degree Coordinator of  
Stage Management**

**Ryan Dickson, Instructor and Degree Coordinator of Theatre Arts  
Management**

The Department of Theatre Production and Management is situated in the Center for Theatre and Dance within the School of Music, Theatre and Dance and offers curricula leading to the bachelor of fine arts in theatre production and design and stage management as well as the bachelor of science in theatre arts management. For information about each major, contact the program coordinator.

- **Stage Management Major - B.F.A.:** 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.
- **Theatre Administration Major - B.S.:** 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.
- **Theatre Production and Design Major - B.F.A.:** The bachelor of fine arts degree in theatre production and design offers pre-professional intensive training with concentrations in theatre design and technical production.

## Majors

- Stage Management Major — B.F.A. (p. 628)
- Theatre Administration — B.S. (p. 629)
- Theatre Production and Design Major — B.F.A. (p. 630)

### 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, CA, FA, TIDE

4 Credits

### THEA 10200 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 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. Combines lecture with studio work. (S,Y)

Attributes: 3B, CA, FA, TIDE

4 Credits

### THEA 10500 Introduction to Professional Theatre (NLA)

Survey of theatre spaces, organizational structures and personnel involved in the making of professional theatre. (F,Y)

2 Credits

### THEA 10600 Race and Theatre in the United States (LA)

This course encourages students to think critically about the formation of racialized thinking and racism in the United States and how this impacts theatre making – both historically and today. Students learn about the intersection of race and theatre in the United States through class discussions, readings, lectures, videos, exams and in-class group work.##(F,S,Y)

2 Credits

### THEA 10700 The Actor's Process (NLA)

A summary overview of the art of acting, with introductory emphasis on core principles of the craft an actor might employ when preparing for and executing a role in a production. Students will regularly engage in exercises that reinforce the techniques employed in the craft of acting. (F,S,Y)

2 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 production activities relating to the mounting of productions. Prepares students for crew, supervision. May be repeated once. (F,S,Y)

2 Credits

### THEA 11100 Studio Foundations for Theatrical Design (NLA)

Introductory studio course in the tools used in the designing and presentation of scenic, costume, lighting, and sound design. Prerequisites: THEA 12000. (S,Y)

2 Credits



**THEA 11200 Scenic Technology (NLA)**

Introduction to and practical experience in general theatre scenery construction, including: machinery, tools, shop and safety procedures. Prerequisites: THEA 11800. (F,Y)  
2 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: THEA 11800. (F,Y)  
2 Credits

**THEA 11400 Lighting Technology (NLA)**

Introduction to and practical experience in theatre lighting technology, including: basic electrical principles, installation and use of theatre equipment, and the responsibilities and duties of a theatrical master electrician. Prerequisites: THEA 11800. (S,Y)  
2 Credits

**THEA 11500 Sound Technology (NLA)**

Introduction to and practical experience in theatre sound technology, including: basic acoustic principles, installation and use of theatre equipment, and the responsibilities and duties of a theatrical sound engineer. Prerequisites: THEA 11800. (S,Y)  
2 Credits

**THEA 11600 Theatrical Properties (NLA)**

Introduction to and practical experience in theatre properties including: production, materials and techniques. Prerequisites: THEA 11800. (F,Y)  
2 Credits

**THEA 11700 Scenic Art (NLA)**

Introduction to and practical experience in scenic painting, including: production, materials and techniques. (S,Y)  
2 Credits

**THEA 11800 Theatrical Production Foundations (NLA)**

An in-depth foundational introduction to the technical production focusing on processes, staffing, performance spaces, and professional standards used in producing live theatre. (F,Y)  
2 Credits

**THEA 12000 Theatrical Design Foundations (LA)**

An in-depth foundational introduction to the art of theatrical design, focusing on the theories, methodologies used by professional scenic, costume, lighting and sound designers. Focus on the analysis, interpretation, visualization and auralization of dramatic work. (F,Y)  
Attributes: FA  
2 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,IRR)  
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. Corequisite: THEA 13500. (F,Y)  
Attributes: FA  
3 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. Corequisite: THEA 13300. (F,Y)  
3 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: THEA 13500. Corequisite: THEA 13400. (S,Y)  
3 Credits

**THEA 13700 Stage Combat (NLA)**

Training in hand-to-hand stage combat techniques and choreography. Offered through the Ithaca College London Center. (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 13920 The Performance Workshop and Rasaboxes (NLA)**

The Performance Workshop and Rasaboxes is an immersive program in the training and application of a suite of performance exercises devised by Richard Schechner and developed by Paula Murray Cole and others. Rigorous daily training includes yoga, extensive breath, voice and movement work, in group exercises, and performance composition. (IRR)  
2 Credits

**THEA 13990 Alexander Technique Explorations (NLA)**

This course will engage the primary principles and practices of the Alexander Technique, a movement education modality that explores and facilitates one's own discovery of thinking, moving and interacting with others within any environment or activity with ease, presence and connectedness. The work will be accomplished through group exercises, readings and reflective writing/creative assignments, observation and activities, as well as optional individual lessons. (B,S,F,Y)  
1 Credit

**THEA 15000 Theatre Administration Practicum I (NLA)**

Introduction to theatre administration practicum through a series of rotations in front-of-house, marketing, and events. Must be taken for two consecutive semesters in fall and spring. (F,S,Y)

2 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)

4 Credits

**THEA 15200 Theatre Administration Foundations (NLA)**

Introduction to the field of theatre administration through the lens of each professional area using the Center for Theatre and Dance's Dillingham Center as your laboratory. (F,Y)

2 Credits

**THEA 16000 Stage Management Practicum I (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)

2 Credits

**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)

2 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: Global Theatre in 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)

Attributes: WGS

4 Credits

**THEA 21000 Theatre Production II (NLA)**

Technical supervision or design assignment in production for the department. May be repeated twice for a maximum of six credits.

Prerequisites: THEA 11000. (F,S,Y)

3 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 11800. (S,Y)

2 Credits

**THEA 22200 Scenic Design (LA)**

Analysis and interpretation of dramatic works in the discipline of scenic design. Script analysis, visual research, conceptualization, and how scenery is used as a design medium to convey story. Combines lecture with studio practice. Prerequisites: THEA 12000 or THEA 10400. (F,Y)

Attributes: FA

2 Credits

**THEA 22201 Theatrical Model Building (NLA)**

Introduction to the tools and techniques used to model theatrical scenery prior to installation and the tools and standards used to document theatrical scenic design such as drafting. Prerequisites: THEA 11100.

Corequisite: THEA 22200. (F,Y)

2 Credits

**THEA 22300 Costume Design (LA)**

Analysis and interpretation of dramatic works in the discipline of costume design. Script analysis, character analysis, research, composition, and how costumes are used as a design medium to convey story. Combines lecture with studio practice. Prerequisites: THEA 12000 or THEA 10400. (F,Y)

Attributes: FA

2 Credits

**THEA 22301 Costume Rendering (NLA)**

Introduction to the tools and standards used to model theatrical costumes for collaboration and construction for theatrical costume design. Prerequisites: THEA 11100. Corequisite: THEA 22300. (F,Y)

2 Credits

**THEA 22400 Lighting Design (LA)**

Analysis and interpretation of dramatic works in the discipline of lighting design. Script analysis, visual research, conceptualization, and how light is used as a design medium to convey story. Combines lecture with studio practice. Prerequisites: THEA 12000 or THEA 10400. (F,Y)

Attributes: FA

2 Credits

**THEA 22401 Theatrical Lighting Visualization & Documentation (NLA)**

Introduction to the tools used to model theatrical lighting prior to installation and the tools and standards used to document theatrical lighting design. Corequisite: THEA 22400. Prerequisites: THEA 11100; THEA 11400; THEA 22000. (F,Y)

2 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 basic studio techniques, etc., are used to develop and present design ideas. Combines lecture with studio practice. Prerequisites: THEA 12000, THEA 10400, or TVR 27100. (F,Y)

Attributes: FA

2 Credits

**THEA 22501 Theatrical Sound Creation and Editing (NLA)**

The focus of the course is to introduce techniques and skills that are necessary for dramatic sound design. Corequisite: THEA 22500. Prerequisites: THEA 11000 and THEA 11500. (F,Y)  
2 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. (IRR)  
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. (IRR)  
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. B.F.A. acting or musical theatre majors only. Prerequisites: 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 23990 Intimacy Choreography (NLA)**

Introductory course in approaches and techniques of staging theatrical intimacy. Prerequisites: THEA 10700, THEA 13100, or THEA 13200. (B,IRR,Y)  
1 Credit

**THEA 24100 History of Theatre (LA)**

Evolution of global theatre from the origins of performance through the early modern era. Students analyze and evaluate the various systemic influences on global performance including – but not limited to – cultural, political, and economic influences. (F,S,Y)  
Attributes: 3B, CSA, DV, G, H, HU  
4 Credits

**THEA 24300 Cultural Context for Theatre Design I (LA)**

This course is an intensive survey of the history of significant cultural expression in aural and visual style from 3000 BCE to the 18th century intended to give each student a base knowledge to draw from and expand upon in future projects and productions. Students examine the evolution of style by studying various types of art and literature and the many socio-economic, political, and religious factors that influenced them. The class will focus on not only the absorption of information, but the process of critical thought and interpretation. (F,Y)  
Attributes: CA, TIDE  
2 Credits

**THEA 24400 Cultural Context for Theatre Design II (LA)**

This course is an intensive survey of the history of significant cultural expression in dress and architecture from the 19th century to present day. It is intended to give each student a base knowledge to draw from and expand upon in future projects and productions. Students will examine the development of visual and aural style by studying various types of art, music, and literature and the many socio-economic, political, and religious factors that influenced them. The class will focus on not only the absorption of information, but the process of critical thought and interpretation. (F,Y)  
Attributes: CA, TIDE  
2 Credits

**THEA 25000 Marketing the Arts (NLA)**

Examine integrated marketing and publicity strategies, concepts, designs, and implementation plans used by not-for-profit and for-profit organizations to attract and maintain loyal patron base. Participate in professional practice through simulated and real life application. Prerequisites: THEA 25100 or THEA 25101. (F,Y)  
4 Credits

**THEA 25100 Theatre Administration I (NLA)**

Survey of arts administration in the United States from the perspective of the arts organization or company. The course integrates real world scenarios through the study of the case method, lectures, and projects. (F,S,Y)

2 Credits

**THEA 25101 Theatre Arts Administration II (NLA)**

Overview of theatre arts administration in the United States from the perspective of the individual arts practitioner. The course integrates guest artists/professionals, hands-on projects, and career preparation activities to understand the interrelationship between arts practitioners and administration. (F,S,Y)

2 Credits

**THEA 25400 Theatre Administration Practicum II (NLA)**

Continuation of intermediate skills development in theatre administration practicum through a semester-long assignment in publicity, promotions, analytics, audience segmentation, and social media marketing.

Prerequisites: THEA 15000. (F,S,Y)

2 Credits

**THEA 25500 Playwriting I (LA)**

This course introduces students to the fundamental elements of play construction: plot, character, dialogue, conflict, language, rhythm, dramatic structure/journey. Through progressive writing assignments and specific feedback students are guided to complete and revise a 10-minute play, which is presented script-in-hand at the end of the semester in PlayFEST. Prerequisites: Any 100-level THEA course. (F,S,Y)

4 Credits

**THEA 25600 Directing I (LA)**

An introduction to the fundamental tools of stage direction. Prerequisites: THEA 10700, THEA 13100, or THEA 13300. (F,S,Y)

4 Credits

**THEA 25700 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. (F,Y)

4 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. (F)

4 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 Selected Topics in 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 27901 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 31000 Theatre Production III (NLA)**

Advanced technical supervision or design assignment in production for the department. May be repeated for a maximum of eight credits.

Prerequisites: THEA 21000. (F,S,Y)

0.5-4 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. (IRR)

4 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 11200; THEA 21000. (S,Y)

4 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. (S,Y)

4 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)

4 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: MSRT 14300, or TVR 27100, or both THEA 11500 and THEA 21000 (may be taken concurrently). (F,Y)

4 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. (S,Y)  
4 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)  
4 Credits

**THEA 32200 Advanced Scenic Design (LA)**

Advanced study of the art of scenic design, examining complex and varied forms of dramatic works and the nature of collaboration inherent within theatrical design. Prerequisites: THEA 22200. (S,Y)  
Attributes: FA  
2 Credits

**THEA 32201 Advanced Drafting and Model Building (LA)**

Advanced tools and techniques used to model theatrical scenery prior to installation and the tools and standards used to document theatrical scenic design such as drafting. Prerequisites: THEA 22201. (S,Y)  
2 Credits

**THEA 32300 Advanced Costume Design (LA)**

Advanced study of the art of costume design, examining complex and varied forms of dramatic works and the nature of collaboration inherent within theatrical design. Prerequisites: THEA 22300. (S,Y)  
Attributes: FA  
2 Credits

**THEA 32301 Advanced Costume Rendering (NLA)**

Advanced topics and application in the the rendering and design documentation tools used in theatrical costume design. Prerequisites: THEA 22301. (S,Y)  
2 Credits

**THEA 32400 Advanced Lighting Design (LA)**

Advanced study of the art of lighting design, examining complex and varied forms of dramatic works and the nature of collaboration inherent within theatrical design. Additionally students will investigate varied professions within lighting design. Prerequisites: THEA 22400. (S,Y)  
Attributes: FA  
2 Credits

**THEA 32401 Advanced Lighting Visualization and Documentation (NLA)**

Advanced topics and application in the the pre-visualization and design documentation tools used in theatrical lighting design. Prerequisites: THEA 22401. (S,Y)  
2 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 22501. (S,Y)  
Attributes: FA  
2 Credits

**THEA 32501 Theatrical Mixing (NLA)**

Advanced topics and tools used in live theatrical audio mixing. Prerequisites: THEA 22501. (S,Y)  
2 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: THEA 23400. (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. (IRR)  
3 Credits

**THEA 33300 Musical Theatre Workshop I (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: THEA 23300. (S,Y)  
Attributes: FA  
2 Credits

**THEA 33400 Musical Theatre Workshop II (LA)**

A team-taught, interdisciplinary, performance-oriented course focusing on audition techniques and advanced skills for the musical theatre performer. Prerequisites: THEA 33300. (F,Y)  
2 Credits

**THEA 33500 Advanced Voice, Speech, and Dialects for the Stage (NLA)**

Advanced and specialized studies in voice production, speech sounds, dialects, and articulation. Open to BFA musical theatre majors on a space available basis, by permission of instructor. Prerequisites: THEA 23600. (F,Y)  
3 Credits

**THEA 33700 Voice-Over Acting (NLA)**

The study of the techniques of voice-over acting and their application the wide variety of voice-over genre. Prerequisites: THEA 23500 and THEA 23600. (IRR)  
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)  
2 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. (F,S,Y)  
Attributes: 3B, DLIT, G, WI  
4 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. (F,S,Y)  
Attributes: 3B, DLIT, FA, G, H  
3 Credits

**THEA 35000 Theatre Administration Practicum III (NLA)**

Advancing skills in theatre administration practicum through a semester-long assignment in a leadership role in front-of-house, marketing, or events. These practicum experiences may take place on the Ithaca College campus, regionally, abroad, or remotely. Prerequisites: THEA 25400. (F,S,Y)

2 Credits

**THEA 35100-35800 Financing the Arts (NLA)**

Examines the historic foundation and current trends of philanthropy and commercial investing to secure funding for arts and culture productions and events. Students participate in professional practice through real-life and simulated application. Prerequisites: THEA 25100 or THEA 25101. (S,Y)

4 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)

4 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)

4 Credits

**THEA 40000 NYC Field Studies (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 culminating 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 eight credits. B.F.A. Theatre Production & Design majors only. Prerequisites: THEA 31000. (F,S,Y)

0.5-4 Credits

**THEA 41200 Theatre Production and 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. Students will reflect upon their coursework within their major and across Ithaca College. (F,Y)

Attributes: CP

2 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: THEA 33100 or THEA 33200 (may be taken concurrently). (F,Y)

Attributes: CP

1.5 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 III (LA)**

A team-taught, interdisciplinary, performance-oriented course focusing on the integration of dance, acting and musical skills, complex ensemble singing, and exposure to the process of rehearsing new works.

Prerequisites: THEA 33400. (F,Y)

Attributes: FA

2 Credits

**THEA 43400 Musical Theatre Workshop IV (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: THEA 43300. (S,Y)

Attributes: CP, 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. (IRR,Y)

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. Permission of instructor required. (S,Y)

0-1 Credits

**THEA 43700 The Business of Acting (NLA)**

Introduction to the business and self-entrepreneur side of acting and the entertainment industry. Prerequisites: THEA 33100 (can be taken concurrently). (F,Y)

1.5 Credits

**THEA 43800 Acting for Film & Media (NLA)**

Introduction to acting techniques that are specific for working in film and media such as media vocabulary, film terminology, narrative languages of film and media, on-camera auditions, and voiceover skills. Prerequisites: THEA 33100. (IRR)

3 Credits

**THEA 44100 Contemporary Developments in Theatre (LA)**

This course offers a path of exploration of contemporary developments in drama, theatre, and performance, with a focus on both US and global cutting-edge plays and performances. Students explore a variety of dramatic styles and performative methods, developing expanded tools of inquiry and analysis that contribute to their academic and professional careers. Prerequisites: THEA 24100. (F,S,Y)

Attributes: HU

4 Credits

**THEA 44400 Senior Seminar (LA)**

A selected topics seminar course combining theatre and performance history, critical theory, and adaptation. Students engage in advanced study and original research under the guidance of a faculty member and meet regularly to exchange information and hold discussions. The course culminates in a research project. Prerequisites: THEA 24100 and any dramatic literature course with a DLIT designation. (IRR)

Attributes: HU

4 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)**

This course is designed to provide students with an overview of the theoretical framework that accompanies performance in its broad definitions. Theories examined include “critical theories” including semiotics, phenomenology, post-structuralism and deconstruction, postmodern theory, and post-colonial theory, along with other contemporary theoretical discourses. Students critically analyze core theories of performance and apply them in reading, critiquing, and creating a group performance. Prerequisites: THEA 24100. (S,Y)

Attributes: HU

4 Credits

**THEA 44700 Theatre Studies Ensemble (NLA)**

Collaborative ensemble course that encourages students to apply skills from their area(s) of focus to the development and performance of a new piece of theatre. Prerequisites: Two of the following: THEA 35400, THEA 35500, or THEA 35700. (S,Y)

3 Credits

**THEA 45100 Theatre Administration Seminar (NLA)**

The culminating course for Theatre Administration majors. Through case method and reflective assignments, students consider how their major coursework has prepared them for the theatre profession, while reflecting upon the entirety of their Ithaca College experience. (S,Y)

Attributes: CP

2 Credits

**THEA 45400 Playwriting II (LA)**

Writing of a full-length play. Class discussion and analysis of student writing, supplemented by individual conferences with the instructor and rehearsals/workshops with an Ensemble of Actors. Prerequisites: THEA 25500. (S,Y)

Attributes: FA

4 Credits

**THEA 45600 Directing II (LA)**

The application of fundamental directing tools in a laboratory environment, culminating in the rehearsal and performance of a short scene. Permission of instructor required. Prerequisites: THEA 25500 with a grade of B or above. (S,Y)

4 Credits

**THEA 45700 Dramaturgy II (LA)**

This course deepens the study of dramaturgy as 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 25700. (S,Y)

4 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)

4 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)

Attributes: CP

2 Credits

**THEA 47800-47801 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 47900-47901 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 49000-49001 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 12 credits. (F,S,Y)

1-12 Credits

**THEA 49900-49901 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

## Stage Management Major — B.F.A.

This B.F.A. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

The student is admitted to the major in B.F.A. Stage Management following a successful interview with members of the theatre production and management faculty.

## Summary

Code	Title	Credits
	Stage Management BFA Major Requirements	72-76
	Integrative Core Curriculum Requirements and Electives <sup>1</sup>	44-47
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>THEATRE FOUNDATION</b>		
THEA 102xx	Technical Theatre Practicum (must be taken twice)	2
THEA 10500	Introduction to Professional Theatre	2
THEA 10600	Race and Theatre in the United States	2
Select one of the following acting courses:		2-3
THEA 10700	The Actor's Process	
THEA 13100	Acting I	
THEA 24100	History of Theatre	4
Dramatic Literature	Select four credits of courses with attribute "DLIT"	4
<b>PRODUCTION AND DESIGN REQUIREMENT</b>		
THEA 11800	Theatrical Production Foundations	2
THEA 12000	Theatrical Design Foundations	2
Select three of the following technology courses:		6
THEA 11200	Scenic Technology	
THEA 11300	Costume Technology	
THEA 11400	Lighting Technology	
THEA 11500	Sound Technology	
THEA 11600	Theatrical Properties (Scenic Art)	
THEA 11700	Scenic Art	
Select two of the following design courses:		4
THEA 22200	Scenic Design	
THEA 22300	Costume Design	
THEA 22400	Lighting Design	
THEA 22500	Sound Design	
<b>STAGE MANAGEMENT REQUIREMENTS</b>		
<b>Stage Management Practicum</b>		
THEA 16000	Stage Management Practicum I ((one semester))	2
THEA 26000	Stage Management Practicum II (two semesters)	4
THEA 36000	Stage Management Practicum III (one semester)	4
THEA 46000	Stage Management Practicum IV (two semesters)	8
<b>Stage Management Theory</b>		
THEA 16100	Stage Management Foundations	2

THEA 25100	Theatre Administration I	2
or THEA 25101 Theatre Arts Administration II		
THEA 25600	Directing I	4
THEA 26100	Stage Management	4
THEA 36100	Advanced Stage Management	4
THEA 46100	Stage Management Seminar	2
<b>Music</b>		
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	
<b>Equity, Diversity, Inclusion</b>		
CSCR xxxxx or WGST xxxxx or courses with WGS attribute	Select one course in the Center for the Study of Race, Culture and Ethnicity, or in Women's and Gender Studies	3-4
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.		
<b>Business Practices</b>		
Select one of the following:		2-4
ECON 12000	Principles of Economics	
GBUS 20300	Business Law I	
MGMT 11100	Introduction to Business	
MGMT 20600	Organizational Behavior and Ethics (Org Behavior and Ethics)	
<b>Total Credits</b>		<b>72-76</b>

## Theatre Administration - B.S.

This B.S. degree requires 60 liberal arts credits out of the 120 credits required for graduation.

The student is admitted to the major in theatre administration following a successful interview with members of the theatre production and management faculty.

## Summary

Code	Title	Credits
	Theatre Administration B.S. Major Requirements	61-71
	Integrative Core Curriculum Requirements and Electives <sup>1</sup>	39-49
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.



## Degree Requirements

Code	Title	Credits
<b>THEATRE FOUNDATION</b>		
THEA 102xx	Technical Theatre Practicum (must be taken two times)	2
THEA 10500	Introduction to Professional Theatre	2
THEA 10600	Race and Theatre in the United States	2
Select one of the following acting courses:		2-3
THEA 10700	The Actor's Process	
THEA 13100	Acting I	
THEA 24100	History of Theatre	4
Dramatic Literature	Select four credits of courses with the attribute "DLIT"	4
<b>THEATRE PRACTICE</b>		
Select four credits of the following:		4
THEA 10400	Introduction to Theatrical Design	
THEA 25500	Playwriting I	
THEA 25600	Directing I	
THEA 25700	Dramaturgy I	
THEA 26100	Stage Management	
<b>THEATRE ADMINISTRATION</b>		
<b>Practicum</b>		
THEA 15000	Theatre Administration Practicum I (must be taken twice)	4
THEA 25400	Theatre Administration Practicum II (must be taken twice)	4
THEA 35000	Theatre Administration Practicum III	2
<b>Theory</b>		
THEA 15200	Theatre Administration Foundations	2
THEA 25000	Marketing the Arts	4
THEA 25100	Theatre Administration I	2
THEA 25101	Theatre Arts Administration II	2
THEA 35800	Course THEA 35800 Not Found (Financing the Arts)	4
THEA 45100	Theatre Administration Seminar	2
<b>REQUIRED MINOR</b>		
Select any minor in the School of Business		15-24
<b>Total Credits</b>		<b>61-71</b>

## Theatre Production and Design Major – B.F.A.

This B.F.A. degree requires 30 liberal arts credits out of the 120 credits required for graduation.

The student is admitted to the major in theatre production and design following a successful interview with members of the theatre production and management faculty.

## Summary

Code	Title	Credits
Theatre Production and Design B.F.A. Major Requirements		74-81
Integrative Core Curriculum Requirements and Electives <sup>1</sup>		39-44
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>THEATRE FOUNDATION</b>		
THEA 10500	Introduction to Professional Theatre	2
THEA 10600	Race and Theatre in the United States	2
Select one of the following acting courses:		2-3
THEA 13100	Acting I	
THEA 10700	The Actor's Process	
THEA 24100	History of Theatre	4
Dramatic Literature	Select four credits of courses with the attribute "DLIT"	4
<b>PRODUCTION AND DESIGN CORE</b>		
THEA 11800	Theatrical Production Foundations	2
THEA 12000	Theatrical Design Foundations	2
THEA 11100	Studio Foundations for Theatrical Design	2
THEA 24300	Cultural Context for Theatre Design I	2
THEA 24400	Cultural Context for Theatre Design II	2
THEA 41200	Theatre Production and Design Seminar	2
Select two courses in graphics or musical skills:		2-8
THEA 22000	Vectorworks for the Theatre	
ART 1xxxx	Any 100-level drawing course	
MUNM or MUMC xxxxx	Any Music Skills or Styles Course	
Select six credits in theatre technology		6
THEA 11200	Scenic Technology	
THEA 11300	Costume Technology	
THEA 11400	Lighting Technology	
THEA 11500	Sound Technology	
THEA 11600	Theatrical Properties	
THEA 11700	Scenic Art	
Select four credits in theatrical design:		4
THEA 22200	Scenic Design	
THEA 22300	Costume Design	
THEA 22400	Lighting Design	
THEA 22500	Sound Design	
Select two credits in design skills:		2
THEA 22201	Theatrical Model Building	
THEA 22301	Costume Rendering	
THEA 22401	Theatrical Lighting Visualization & Documentation	
THEA 22501	Theatrical Sound Creation and Editing	
<b>ADVANCED PRODUCTION / DESIGN</b>		
Select four credits of advanced technology:		4

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	
Select two credits of advanced design:		2
THEA 32200	Advanced Scenic Design	
THEA 32300	Advanced Costume Design	
THEA 32400	Advanced Lighting Design	
THEA 32500	Advanced Sound Design	
Select two credits of advanced design skills:		2
THEA 32201	Advanced Drafting and Model Building	
THEA 32301	Advanced Costume Rendering	
THEA 32401	Advanced Lighting Visualization and Documentation	
THEA 32501	Theatrical Mixing	
<b>THEATRE PRACTICE</b>		
Select four credits from the following:		4
THEA 25100	Theatre Administration I	
THEA 25101	Theatre Arts Administration II	
THEA 25500	Playwriting I	
THEA 25600	Directing I	
THEA 25700	Dramaturgy I	
THEA 26100	Stage Management	
<b>PRODUCTION PRACTICUM</b>		
THEA 11000	Theatre Production I (must be taken two times)	4
THEA 21000	Theatre Production II (must be taken two times)	6
THEA 31000	Theatre Production III (must be taken once)	4
THEA 41000	Theatre Production IV (must be taken twice)	8
<b>Total Credits</b>		<b>74-81</b>

## Theatre Studies

Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science

### Wendy Dann, *Professor and Chair*

The Department of Theatre Studies is situated in the Center for Theatre and Dance within the School of Music, Theatre and Dance and offers curricula leading to the bachelor of arts in theatre studies as well as the minor in theatre arts management.

- **Theatre Studies Major - B.A.:** 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.
- **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 (<https://catalog.ithaca.edu/search/?P=THEA%2010000>), THEA 10100

(<https://catalog.ithaca.edu/search/?P=THEA%2010100>) and THEA 102xx .

## Majors and Minors

- Theatre Studies Major — B.A. (p. 638)
- Theatre Minor (p. 639)

### 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, CA, FA, TIDE  
4 Credits

### THEA 10200 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 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. Combines lecture with studio work. (S,Y)  
Attributes: 3B, CA, FA, TIDE  
4 Credits

### THEA 10500 Introduction to Professional Theatre (NLA)

Survey of theatre spaces, organizational structures and personnel involved in the making of professional theatre. (F,Y)  
2 Credits

### THEA 10600 Race and Theatre in the United States (LA)

This course encourages students to think critically about the formation of racialized thinking and racism in the United States and how this impacts theatre making -- both historically and today. Students learn about the intersection of race and theatre in the United States through class discussions, readings, lectures, videos, exams and in-class group work.##(F,S,Y)  
2 Credits

### THEA 10700 The Actor's Process (NLA)

A summary overview of the art of acting, with introductory emphasis on core principles of the craft an actor might employ when preparing for and executing a role in a production. Students will regularly engage in exercises that reinforce the techniques employed in the craft of acting. (F,S,Y)  
2 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 production activities relating to the mounting of productions. Prepares students for crew, supervision. May be repeated once. (F,S,Y)  
2 Credits

**THEA 11100 Studio Foundations for Theatrical Design (NLA)**

Introductory studio course in the tools used in the designing and presentation of scenic, costume, lighting, and sound design.

Prerequisites: THEA 12000. (S,Y)

2 Credits

**THEA 11200 Scenic Technology (NLA)**

Introduction to and practical experience in general theatre scenery construction, including: machinery, tools, shop and safety procedures.

Prerequisites: THEA 11800. (F,Y)

2 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: THEA 11800. (F,Y)

2 Credits

**THEA 11400 Lighting Technology (NLA)**

Introduction to and practical experience in theatre lighting technology, including: basic electrical principles, installation and use of theatre equipment, and the responsibilities and duties of a theatrical master electrician. Prerequisites: THEA 11800. (S,Y)

2 Credits

**THEA 11500 Sound Technology (NLA)**

Introduction to and practical experience in theatre sound technology, including: basic acoustic principles, installation and use of theatre equipment, and the responsibilities and duties of a theatrical sound engineer. Prerequisites: THEA 11800. (S,Y)

2 Credits

**THEA 11600 Theatrical Properties (NLA)**

Introduction to and practical experience in theatre properties including: production, materials and techniques. Prerequisites: THEA 11800. (F,Y)

2 Credits

**THEA 11700 Scenic Art (NLA)**

Introduction to and practical experience in scenic painting, including: production, materials and techniques. (S,Y)

2 Credits

**THEA 11800 Theatrical Production Foundations (NLA)**

An in-depth foundational introduction to the technical production focusing on processes, staffing, performance spaces, and professional standards used in producing live theatre. (F,Y)

2 Credits

**THEA 12000 Theatrical Design Foundations (LA)**

An in-depth foundational introduction to the art of theatrical design, focusing on the theories, methodologies used by professional scenic, costume, lighting and sound designers. Focus on the analysis, interpretation, visualization and auralization of dramatic work. (F,Y)

Attributes: FA

2 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,IRR)

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. Corequisite: THEA 13500. (F,Y)

Attributes: FA

3 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. Corequisite: THEA 13300. (F,Y)

3 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: THEA 13500. Corequisite: THEA 13400. (S,Y)

3 Credits

**THEA 13700 Stage Combat (NLA)**

Training in hand-to-hand stage combat techniques and choreography. Offered through the Ithaca College London Center. (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 13920 The Performance Workshop and Rasaboxes (NLA)**

The Performance Workshop and Rasaboxes is an immersive program in the training and application of a suite of performance exercises devised by Richard Schechner and developed by Paula Murray Cole and others. Rigorous daily training includes yoga, extensive breath, voice and movement work, in group exercises, and performance composition. (IRR)

2 Credits

**THEA 13990 Alexander Technique Explorations (NLA)**

This course will engage the primary principles and practices of the Alexander Technique, a movement education modality that explores and facilitates one's own discovery of thinking, moving and interacting with others within any environment or activity with ease, presence and connectedness. The work will be accomplished through group exercises, readings and reflective writing/creative assignments, observation and activities, as well as optional individual lessons. (B,S,F,Y)

1 Credit

**THEA 15000 Theatre Administration Practicum I (NLA)**

Introduction to theatre administration practicum through a series of rotations in front-of-house, marketing, and events. Must be taken for two consecutive semesters in fall and spring. (F,S,Y)

2 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)

4 Credits

**THEA 15200 Theatre Administration Foundations (NLA)**

Introduction to the field of theatre administration through the lens of each professional area using the Center for Theatre and Dance's Dillingham Center as your laboratory. (F,Y)

2 Credits

**THEA 16000 Stage Management Practicum I (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)

2 Credits

**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)

2 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: Global Theatre in 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)

Attributes: WGS

4 Credits

**THEA 21000 Theatre Production II (NLA)**

Technical supervision or design assignment in production for the department. May be repeated twice for a maximum of six credits.

Prerequisites: THEA 11000. (F,S,Y)

3 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 11800. (S,Y)

2 Credits

**THEA 22200 Scenic Design (LA)**

Analysis and interpretation of dramatic works in the discipline of scenic design. Script analysis, visual research, conceptualization, and how scenery is used as a design medium to convey story. Combines lecture with studio practice. Prerequisites: THEA 12000 or THEA 10400. (F,Y)

Attributes: FA

2 Credits

**THEA 22201 Theatrical Model Building (NLA)**

Introduction to the tools and techniques used to model theatrical scenery prior to installation and the tools and standards used to document theatrical scenic design such as drafting. Prerequisites: THEA 11100.

Corequisite: THEA 22200. (F,Y)

2 Credits

**THEA 22300 Costume Design (LA)**

Analysis and interpretation of dramatic works in the discipline of costume design. Script analysis, character analysis, research, composition, and how costumes are used as a design medium to convey story. Combines lecture with studio practice. Prerequisites: THEA 12000 or THEA 10400. (F,Y)

Attributes: FA

2 Credits

**THEA 22301 Costume Rendering (NLA)**

Introduction to the tools and standards used to model theatrical costumes for collaboration and construction for theatrical costume design. Prerequisites: THEA 11100. Corequisite: THEA 22300. (F,Y)

2 Credits

**THEA 22400 Lighting Design (LA)**

Analysis and interpretation of dramatic works in the discipline of lighting design. Script analysis, visual research, conceptualization, and how light is used as a design medium to convey story. Combines lecture with studio practice. Prerequisites: THEA 12000 or THEA 10400. (F,Y)

Attributes: FA

2 Credits

**THEA 22401 Theatrical Lighting Visualization & Documentation (NLA)**

Introduction to the tools used to model theatrical lighting prior to installation and the tools and standards used to document theatrical lighting design. Corequisite: THEA 22400. Prerequisites: THEA 11100; THEA 11400; THEA 22000. (F,Y)

2 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 basic studio techniques, etc., are used to develop and present design ideas. Combines lecture with studio practice. Prerequisites: THEA 12000, THEA 10400, or TVR 27100. (F,Y)

Attributes: FA

2 Credits



**THEA 22501 Theatrical Sound Creation and Editing (NLA)**

The focus of the course is to introduce techniques and skills that are necessary for dramatic sound design. Corequisite: THEA 22500. Prerequisites: THEA 11000 and THEA 11500. (F,Y)  
2 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. (IRR)  
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. (IRR)  
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. B.F.A. acting or musical theatre majors only. Prerequisites: 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 23990 Intimacy Choreography (NLA)**

Introductory course in approaches and techniques of staging theatrical intimacy. Prerequisites: THEA 10700, THEA 13100, or THEA 13200. (B,IRR,Y)  
1 Credit

**THEA 24100 History of Theatre (LA)**

Evolution of global theatre from the origins of performance through the early modern era. Students analyze and evaluate the various systemic influences on global performance including – but not limited to – cultural, political, and economic influences. (F,S,Y)  
Attributes: 3B, CSA, DV, G, H, HU  
4 Credits

**THEA 24300 Cultural Context for Theatre Design I (LA)**

This course is an intensive survey of the history of significant cultural expression in aural and visual style from 3000 BCE to the 18th century intended to give each student a base knowledge to draw from and expand upon in future projects and productions. Students examine the evolution of style by studying various types of art and literature and the many socio-economic, political, and religious factors that influenced them. The class will focus on not only the absorption of information, but the process of critical thought and interpretation. (F,Y)  
Attributes: CA, TIDE  
2 Credits

**THEA 24400 Cultural Context for Theatre Design II (LA)**

This course is an intensive survey of the history of significant cultural expression in dress and architecture from the 19th century to present day. It is intended to give each student a base knowledge to draw from and expand upon in future projects and productions. Students will examine the development of visual and aural style by studying various types of art, music, and literature and the many socio-economic, political, and religious factors that influenced them. The class will focus on not only the absorption of information, but the process of critical thought and interpretation. (F,Y)  
Attributes: CA, TIDE  
2 Credits

**THEA 25000 Marketing the Arts (NLA)**

Examine integrated marketing and publicity strategies, concepts, designs, and implementation plans used by not-for-profit and for-profit organizations to attract and maintain loyal patron base. Participate in professional practice through simulated and real life application. Prerequisites: THEA 25100 or THEA 25101. (F,Y)  
4 Credits

**THEA 25100 Theatre Administration I (NLA)**

Survey of arts administration in the United States from the perspective of the arts organization or company. The course integrates real world scenarios through the study of the case method, lectures, and projects. (F,S,Y)

2 Credits

**THEA 25101 Theatre Arts Administration II (NLA)**

Overview of theatre arts administration in the United States from the perspective of the individual arts practitioner. The course integrates guest artists/professionals, hands-on projects, and career preparation activities to understand the interrelationship between arts practitioners and administration. (F,S,Y)

2 Credits

**THEA 25400 Theatre Administration Practicum II (NLA)**

Continuation of intermediate skills development in theatre administration practicum through a semester-long assignment in publicity, promotions, analytics, audience segmentation, and social media marketing.

Prerequisites: THEA 15000. (F,S,Y)

2 Credits

**THEA 25500 Playwriting I (LA)**

This course introduces students to the fundamental elements of play construction: plot, character, dialogue, conflict, language, rhythm, dramatic structure/journey. Through progressive writing assignments and specific feedback students are guided to complete and revise a 10-minute play, which is presented script-in-hand at the end of the semester in PlayFEST. Prerequisites: Any 100-level THEA course. (F,S,Y)

4 Credits

**THEA 25600 Directing I (LA)**

An introduction to the fundamental tools of stage direction. Prerequisites: THEA 10700, THEA 13100, or THEA 13300. (F,S,Y)

4 Credits

**THEA 25700 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. (F,Y)

4 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. (F)

4 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 Selected Topics in 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 27901 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 31000 Theatre Production III (NLA)**

Advanced technical supervision or design assignment in production for the department. May be repeated for a maximum of eight credits.

Prerequisites: THEA 21000. (F,S,Y)

0.5-4 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. (IRR)

4 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 11200; THEA 21000. (S,Y)

4 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. (S,Y)

4 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)

4 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: MSRT 14300, or TVR 27100, or both THEA 11500 and THEA 21000 (may be taken concurrently). (F,Y)

4 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. (S,Y)  
4 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)  
4 Credits

**THEA 32200 Advanced Scenic Design (LA)**

Advanced study of the art of scenic design, examining complex and varied forms of dramatic works and the nature of collaboration inherent within theatrical design. Prerequisites: THEA 22200. (S,Y)  
Attributes: FA  
2 Credits

**THEA 32201 Advanced Drafting and Model Building (LA)**

Advanced tools and techniques used to model theatrical scenery prior to installation and the tools and standards used to document theatrical scenic design such as drafting. Prerequisites: THEA 22201. (S,Y)  
2 Credits

**THEA 32300 Advanced Costume Design (LA)**

Advanced study of the art of costume design, examining complex and varied forms of dramatic works and the nature of collaboration inherent within theatrical design. Prerequisites: THEA 22300. (S,Y)  
Attributes: FA  
2 Credits

**THEA 32301 Advanced Costume Rendering (NLA)**

Advanced topics and application in the the rendering and design documentation tools used in theatrical costume design. Prerequisites: THEA 22301. (S,Y)  
2 Credits

**THEA 32400 Advanced Lighting Design (LA)**

Advanced study of the art of lighting design, examining complex and varied forms of dramatic works and the nature of collaboration inherent within theatrical design. Additionally students will investigate varied professions within lighting design. Prerequisites: THEA 22400. (S,Y)  
Attributes: FA  
2 Credits

**THEA 32401 Advanced Lighting Visualization and Documentation (NLA)**

Advanced topics and application in the the pre-visualization and design documentation tools used in theatrical lighting design. Prerequisites: THEA 22401. (S,Y)  
2 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 22501. (S,Y)  
Attributes: FA  
2 Credits

**THEA 32501 Theatrical Mixing (NLA)**

Advanced topics and tools used in live theatrical audio mixing. Prerequisites: THEA 22501. (S,Y)  
2 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: THEA 23400. (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. (IRR)  
3 Credits

**THEA 33300 Musical Theatre Workshop I (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: THEA 23300. (S,Y)  
Attributes: FA  
2 Credits

**THEA 33400 Musical Theatre Workshop II (LA)**

A team-taught, interdisciplinary, performance-oriented course focusing on audition techniques and advanced skills for the musical theatre performer. Prerequisites: THEA 33300. (F,Y)  
2 Credits

**THEA 33500 Advanced Voice, Speech, and Dialects for the Stage (NLA)**

Advanced and specialized studies in voice production, speech sounds, dialects, and articulation. Open to BFA musical theatre majors on a space available basis, by permission of instructor. Prerequisites: THEA 23600. (F,Y)  
3 Credits

**THEA 33700 Voice-Over Acting (NLA)**

The study of the techniques of voice-over acting and their application the wide variety of voice-over genre. Prerequisites: THEA 23500 and THEA 23600. (IRR)  
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)  
2 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. (F,S,Y)  
Attributes: 3B, DLIT, G, WI  
4 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. (F,S,Y)  
Attributes: 3B, DLIT, FA, G, H  
3 Credits

**THEA 35000 Theatre Administration Practicum III (NLA)**

Advancing skills in theatre administration practicum through a semester-long assignment in a leadership role in front-of-house, marketing, or events. These practicum experiences may take place on the Ithaca College campus, regionally, abroad, or remotely. Prerequisites: THEA 25400. (F,S,Y)

2 Credits

**THEA 35100-35800 Financing the Arts (NLA)**

Examines the historic foundation and current trends of philanthropy and commercial investing to secure funding for arts and culture productions and events. Students participate in professional practice through real-life and simulated application. Prerequisites: THEA 25100 or THEA 25101. (S,Y)

4 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)

4 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)

4 Credits

**THEA 40000 NYC Field Studies (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 culminating 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 eight credits. B.F.A. Theatre Production & Design majors only. Prerequisites: THEA 31000. (F,S,Y)

0.5-4 Credits

**THEA 41200 Theatre Production and 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. Students will reflect upon their coursework within their major and across Ithaca College. (F,Y)

Attributes: CP

2 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: THEA 33100 or THEA 33200 (may be taken concurrently). (F,Y)

Attributes: CP

1.5 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 III (LA)**

A team-taught, interdisciplinary, performance-oriented course focusing on the integration of dance, acting and musical skills, complex ensemble singing, and exposure to the process of rehearsing new works.

Prerequisites: THEA 33400. (F,Y)

Attributes: FA

2 Credits

**THEA 43400 Musical Theatre Workshop IV (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: THEA 43300. (S,Y)

Attributes: CP, 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. (IRR,Y)

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. Permission of instructor required. (S,Y)

0-1 Credits

**THEA 43700 The Business of Acting (NLA)**

Introduction to the business and self-entrepreneur side of acting and the entertainment industry. Prerequisites: THEA 33100 (can be taken concurrently). (F,Y)

1.5 Credits

**THEA 43800 Acting for Film & Media (NLA)**

Introduction to acting techniques that are specific for working in film and media such as media vocabulary, film terminology, narrative languages of film and media, on-camera auditions, and voiceover skills. Prerequisites: THEA 33100. (IRR)

3 Credits

**THEA 44100 Contemporary Developments in Theatre (LA)**

This course offers a path of exploration of contemporary developments in drama, theatre, and performance, with a focus on both US and global cutting-edge plays and performances. Students explore a variety of dramatic styles and performative methods, developing expanded tools of inquiry and analysis that contribute to their academic and professional careers. Prerequisites: THEA 24100. (F,S,Y)

Attributes: HU

4 Credits



**THEA 44400 Senior Seminar (LA)**

A selected topics seminar course combining theatre and performance history, critical theory, and adaptation. Students engage in advanced study and original research under the guidance of a faculty member and meet regularly to exchange information and hold discussions. The course culminates in a research project. Prerequisites: THEA 24100 and any dramatic literature course with a DLIT designation. (IRR)

Attributes: HU

4 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)**

This course is designed to provide students with an overview of the theoretical framework that accompanies performance in its broad definitions. Theories examined include “critical theories” including semiotics, phenomenology, post-structuralism and deconstruction, postmodern theory, and post-colonial theory, along with other contemporary theoretical discourses. Students critically analyze core theories of performance and apply them in reading, critiquing, and creating a group performance. Prerequisites: THEA 24100. (S,Y)

Attributes: HU

4 Credits

**THEA 44700 Theatre Studies Ensemble (NLA)**

Collaborative ensemble course that encourages students to apply skills from their area(s) of focus to the development and performance of a new piece of theatre. Prerequisites: Two of the following: THEA 35400, THEA 35500, or THEA 35700. (S,Y)

3 Credits

**THEA 45100 Theatre Administration Seminar (NLA)**

The culminating course for Theatre Administration majors. Through case method and reflective assignments, students consider how their major coursework has prepared them for the theatre profession, while reflecting upon the entirety of their Ithaca College experience. (S,Y)

Attributes: CP

2 Credits

**THEA 45400 Playwriting II (LA)**

Writing of a full-length play. Class discussion and analysis of student writing, supplemented by individual conferences with the instructor and rehearsals/workshops with an Ensemble of Actors. Prerequisites: THEA 25500. (S,Y)

Attributes: FA

4 Credits

**THEA 45600 Directing II (LA)**

The application of fundamental directing tools in a laboratory environment, culminating in the rehearsal and performance of a short scene. Permission of instructor required. Prerequisites: THEA 25500 with a grade of B or above. (S,Y)

4 Credits

**THEA 45700 Dramaturgy II (LA)**

This course deepens the study of dramaturgy as 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 25700. (S,Y)

4 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)

4 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)

Attributes: CP

2 Credits

**THEA 47800-47801 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 47900-47901 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 49000-49001 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 12 credits. (F,S,Y)

1-12 Credits

**THEA 49900-49901 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

## Theatre Studies Major – B.A.

This B.A. degree requires 90 liberal arts credits out of the 120 credits required for graduation.

The student is admitted to the major in theatre studies following a successful interview with members of the theatre studies faculty.

## Summary

Code	Title	Credits
	Theatre Studies B.A. Major Requirements	47-48
	Integrative Core Curriculum Requirements and Electives <sup>1</sup>	72-73
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> This major is approved to fulfill the Integrative Core Curriculum (p. 269) requirement for the Creative Arts perspective.

## Degree Requirements

Code	Title	Credits
<b>THEATRE FOUNDATION</b>		
THEA 102xx	Technical Theatre Practicum (must be taken twice)	2
THEA 10500	Introduction to Professional Theatre	2
THEA 10600	Race and Theatre in the United States	2
Select one of the following acting courses:		2-3
THEA 10700	The Actor's Process	
THEA 13100	Acting I	
THEA 24100	History of Theatre	4
Dramatic Literature	Select four credits of courses with the attribute "DLIT"	4
<b>THEATRE FUNDAMENTALS</b>		
THEA 15100	Theatre Studies Foundations	4
THEA 10400	Introduction to Theatrical Design	4
THEA 25100	Theatre Administration I	2
	or THEA 25101 Theatre Arts Administration II	
<b>THEATRE STUDIES CORE</b>		
THEA 25500	Playwriting I	4
THEA 25600	Directing I	4
THEA 25700	Dramaturgy I	4
<b>ADVANCED STUDY</b>		
Select one of the following practice courses:		4
THEA 45400	Playwriting II	
THEA 45600	Directing II	
THEA 45700	Dramaturgy II	
Select one of the following theory courses:		4
THEA 44100	Contemporary Developments in Theatre	
THEA 44400	Senior Seminar	
THEA 44600	Theories of Performance	
<b>CAPSTONE</b>		
THEA 44500	Theatre Studies Capstone	1
<b>Total Credits</b>		<b>47-48</b>

## Requirements

Code	Title	Credits
<b>FOUNDATION COURSES</b>		
THEA 102xx	Technical Theatre Practicum	2
THEA 10000	Introduction to the Theatre	4
Select one of the following acting courses:		2-3
THEA 10700	The Actor's Process	
THEA 13100	Acting I	
Dramatic Literature	Select four credits of courses with the attribute "DLIT"	4
<b>THEATRE ELECTIVES</b>		
Select any three to four credits of THEA course(s) not restricted to majors.		6
<b>Total Credits</b>		<b>18-19</b>

## 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 center for theatre and dance administrative office. Before declaring the minor, students must have completed, or be registered in THEA 102xx.

# Separation from the College

## 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 as 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 student conduct 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 Center for Student Success, or 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 an application for medical leave of absence form to the Hammond (<https://www.ithaca.edu/hammond-health-center/>)Health Center (<https://www.ithaca.edu/hammond-health-center/>).

Students are not eligible to participate in student employment effective the date of the leave of absence and for the duration of their leave.

Students taking a leave of absence who are recipients of federal Title IV financial aid should refer to “Refund Procedure (p. 263)” 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 must move out of on-campus housing and will have their College ID card invalidated within seven days of the leave request submission. A student’s housing assignment will be released and cannot be held for the upcoming semester, however, new housing will be set up when a student returns. Students are required to live on campus when they return, unless approved to move off campus per the Residence/Off-Campus Policy (<https://www.ithaca.edu/policy-manual/volume-vii-students/75-residential-life/751-residenceoff-campus-policy/>).

Learn more about the below dates on the Ithaca College Academic Calendar website (<https://www.ithaca.edu/academics/registrar/academic-calendars/>).

<b>Personal Leave</b>	
(before last day to Withdraw)	Grade of "W" for classes
(after last day to Withdraw)	Grade of "F" for classes

<b>Medical Leave</b>	
(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

<b>Emergency Leave</b>	
(before last day to Withdraw)	Grade of "W" for classes
(after last day to Withdraw)	Grade of "W" for classes

### 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 the Center for Student Success. Students should visit 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 personal leave of absence allows the student on leave the opportunity to register in their assigned time ticket for the semester of return.

Students on a personal leave of absence who decide not to return to Ithaca College should contact the Center for Student Success, 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 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 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.

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.

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 the Hammond Health Center (<https://www.ithaca.edu/hammond-health-center/>).

### Medical Leave Implications

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 the 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 Ithaca 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 Center for Student Success or 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 on an emergency leave of absence who decide not to return to Ithaca College should the Center for Student Success or the Dean's Office designated representative 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 should 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.

## 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 the Hammond Health Center. Extensions of medical leave must be requested before the start of the semester for which the student is requesting the extension.

## 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, per the Residence/Off-Campus Policy. (<https://www.ithaca.edu/policy-manual/volume-vii-students/75-residential-life/751-residenceoff-campus-policy/>)

## PERSONAL WITHDRAWAL

Students who wish to leave the College and do not wish to return should withdraw from the College. Students should visit the Center for Student Success 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 makes a request with the Center for Student Success, 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 student conduct 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. 263)" 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.

## Medical Withdrawal

Students who must leave the College on medical or psychological grounds and who do not wish to return to the College should arrange

for a medical withdrawal. Medical withdrawals are only granted after appropriate documentation is provided to the director of health services, who will also consult with the director of counseling and wellness if it is a psychological condition. Final approval is granted by the director of health services and the Office of Student Affairs and Campus Life. Medical withdrawal applications are available at the Hammond Health Center (<https://www.ithaca.edu/hammond-health-center/>).

Applications for medical withdrawal submitted after the date published in the academic calendar are rarely approved. In such circumstances, additional documentation and information may be required and the decision will involve input from the dean and provost designee.

The date of withdrawal is the date when the student notifies the Division of Student Affairs and Campus Life of an intention to withdraw or the last day of academic activity as determined by the College. A student who has initiated but not yet completed the medical withdrawal process and wishes to rescind the withdrawal must notify the Division of Student Affairs and Campus Life in writing of his or her intention to continue study at the College.

A medical withdrawal taken during a semester normally results in grades of W in all courses other than completed block courses.

Students who wish to return to the College after a medical withdrawal must follow procedures for readmission below. In addition to regular readmission procedures, a request for readmission following medical withdrawal must be evaluated and approved by the director of health services, in consultation with the director of counseling and wellness if the reason for withdrawal was a psychological condition. This includes review of documentation that the medical condition has been remedied and that the student is approved by the director of health services to resume study at the College.

A student who is granted readmission to the College is not guaranteed readmission to the major in which he or she was enrolled at the time of medical withdrawal. All students who are readmitted after a medical withdrawal must comply with the degree program requirements in effect at the time of readmittance.

## ADMINISTRATIVE WITHDRAWAL

Students are administratively withdrawn (no longer an active student) by Ithaca College if:

1. they have not registered for classes by the end of the add/drop period of any semester;
2. they have received a notification from Student Financial Services that an administrative withdrawal will occur due to the inability to resolve balance with the college
3. they have not returned to the College when the approved period of leave of absence has expired and have not applied for a continuation of leave or withdrawal; or
4. 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 that are withdrawn may not utilize any on campus services, including campus housing.

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 catalog 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 should 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 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.

Students who wish to return from a medical leave of absence need only to apply for readmission through the Hammond Health Center (<https://www.ithaca.edu/hammond-health-center/>).

## 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 student conduct and community standards (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. 254).”

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.



## Student Information

- Equity in Athletics (p. 646)
- Health and Safety at Ithaca College (p. 646)
- Orientation for New Students (p. 647)
- Residence Off-Campus Policy (p. 647)
- Student Conduct and Community Standards (p. 648)
- Student Health Services (p. 648)

## 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/#/>).

## Health and Safety at Ithaca College

The Office of Public Safety & Emergency Management (Public Safety) is located at the Center for Public Safety and General Services on Farm Pond Road. Public Safety operates **24 hours per day, year-round** and can be contacted by dialing **911** or **3333** from any campus phone or by calling **(607) 274-3333**. Ithaca College community members may also contact Public Safety via the Rave Guardian App (<https://www.ithaca.edu/ic-alert/rave-guardian-app/>) or by activating a blue-light phone or emergency call box across campus.

Public Safety is comprised of Patrol & Security Services, Parking Services, Environmental Health & Safety, Emergency Management, Clery Act Compliance, Prevention Education, and Student Auxiliary Safety Patrol (SASP). Public Safety is a dedicated team of professional staff experienced in human services, law enforcement, community policing, criminal investigations, crisis intervention, community mental health, emergency preparation and response, event management, education and program development, information technology, fire safety and occupational health and safety. Public Safety's areas of responsibility include but are not limited to:

- preparing for and responding to emergencies,
- victim support services,
- providing safety escorts,
- fire safety,
- occupational health and safety,
- crime prevention education,
- community engagement,
- special event staffing,
- public health preparedness,
- repository for lost and found,
- administering vehicle assistance,
- and managing vehicular and traffic control on campus.

Public Safety strives to enhance the quality of community life by fostering healthy and positive relationships and partnerships with on and off campus community members. For a comprehensive view of services

provided, visit the Public Safety website. (<https://www.ithaca.edu/public-safety-and-emergency-management/>)

## Reporting to Public Safety

Public Safety serves as the primary emergency response agency for the Ithaca College community. Campus community members and visitors are expected to report all on-campus crimes and unusual or suspicious activity promptly and accurately to Public Safety by calling **911** or **3333** from any Ithaca College campus phone or **607-274-3333** from your cellular device. If you are off-campus and do not know who to contact, please do not hesitate to contact Public Safety for a referral or connection to the appropriate agency.

## Annual Security and Fire Safety Report

The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act (Clery Act) is a federal consumer protection law that mandates colleges and universities participating in federal financial aid programs to maintain and disclose campus crime statistics and security information. The Clery Act aims to build the foundation of crime prevention awareness, support victims of violence, and equip the campus community with timely, accurate, and complete information about crime, enabling them to make informed decisions for their safety.

In compliance with the Clery Act, Ithaca College is required to prepare, publish, and distribute an Annual Security and Fire Safety Report by October 1<sup>st</sup> to the entire campus community, prospective students, and prospective employees.

The report includes information regarding:

- safety and security policies and procedures;
- campus security education and prevention programs;
- crime reporting procedures and statistical disclosures;
- fire safety policies and fire statistics;
- alcohol and drug policies;
- emergency communication systems and procedures;
- sexual assault education and prevention programs;
- procedures for reporting sex-based harassment, including sex discrimination to include, domestic violence, dating violence, and sexual assault/sexual violence. stalking;
- 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.

The report is publicly available and can be viewed at: 2023 Annual Security and Fire Safety Report. (<https://wwwcdn.ithaca.edu/file-download/download/public/89843/>) Paper copies are also available upon request. Please direct your requests to the Office of Public Safety by emailing: [publicsafety@ithaca.edu](mailto:publicsafety@ithaca.edu)

The crime statistics for Ithaca College 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. (<https://ope.ed.gov/campusafety/#/>)

## Emergency Preparedness

Public Safety has created an Emergency Readiness and Response Guide (<https://wwwcdn.ithaca.edu/file-download/download/public/30529/>) to provide comprehensive instructions and advance a participatory

approach to readiness and response. Every member of our campus community plays a role in emergency readiness and response. Foremost is knowing what to do and where to go for guidance in the preparation of an emergency or critical incident. All campus community members are encouraged to familiarize themselves with the guide.

### IC Alert: Emergency Notification System (ENS)

Ithaca College uses an Emergency Notification System (ENS) to reach all students, faculty, and staff with an **IC Alert** that includes time-sensitive information during unforeseen events or emergencies. The system uses voice, e-mail, push notification and text messaging to allow Ithaca College officials to provide pertinent details and instruction on appropriate responses and action steps to take in the event of a critical incident that poses a significant threat to the health and safety of the community. Families, supporters, and visitors are encouraged to opt-in to receive IC Alerts by texting "**ICVisitor**" to **226787**. Text messages are sent on an as-needed basis. On July 15<sup>th</sup> of each year, all opt-in users will be purged from the system, at which time you must re-enroll if you wish to continue receiving IC Alert text messages for the next year.

We encourage all students and employees to download the free Rave Guardian app (<https://www.ithaca.edu/ic-alert/rave-guardian-app/>) which can help turn any smartphone into a personal safety device. Rave Guardian is an integral part of Ithaca College's program to promote the well-being of the campus community. It provides quick access to important safety and wellness contacts, information, and resources. Features include but are not limited to, virtual safety timer for an extra layer of safety wherever you are, direct contact with Public Safety and other crisis support and emergency services, on-campus and off-campus support services such as Advocacy Center of Tompkins County and national hotlines and campus directory.

## 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, including 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. For detailed information on parking and vehicle registration and rules, please visit the Parking Services website. (<https://www.ithaca.edu/public-safety-and-emergency-management/parking-services/>) After-hours parking emergencies should be directed to Public Safety at (607) 274-3333.

## SHARE (Sexual Harassment and Assault Response and Education)

Ithaca College offers a multitude of prevention programs and initiatives specifically designed to maximize education, awareness, prevention, intervention, and community engagement to prevent sex-based harassment from occurring. 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. (<https://www.ithaca.edu/sexual-harassment-and-assault-response-education-share/supportive-resources-and-options/>)

## Orientation for New Students

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, review schedules 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/>).

## 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 are required to live on campus for their first, second, and third years. 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 students 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.

## Student Conduct and Community Standards

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 Student Conduct and Community Standards website. (<https://www.ithaca.edu/student-conduct-and-community-standards/>)

## Student Health Services

The Student Health Services 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 student health services works closely with the Assistant Director of Emergency Preparedness and Response to support the public health needs of the campus community. 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 Student health Services 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 Student Health Services website. (<https://www.ithaca.edu/student-health-services/>)

# GRADUATE

## Graduate Catalog 2024-2025

### 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 graduate program chair or 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 graduate program chair or director to determine if there are any changes in the courses/curricula offered or the teaching personnel listed in the catalog.

### 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 leading to Teacher Education Certification

Ithaca College  
194 Phillips Hall  
Ithaca, NY 14850

Phone: 607-274-1076  
Fax: 607-274-1089  
E-mail: gradedu@ithaca.edu  
Graduate Programs leading to Teacher Education Certification  
(<https://www.ithaca.edu/academics/school-humanities-and-sciences/graduate-degrees/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  
Graduate Programs in Business Administration Website (<https://www.ithaca.edu/academics/school-business/graduate-programs/>)

#### M.B.A. Entertainment and Media Management

E-mail: bizhelp@ithaca.edu (<https://catalog.ithaca.edu/graduate/bizhelp@ithaca.edu>)  
M.B.A. Entertainment and Media Management Website  
(<https://www.ithaca.edu/academics/school-business/graduate-programs/entertainment-media-management/>)

#### M.S. Accounting

E-mail: s (ImageText@ithaca.edu)hackell@ithaca.edu

M.S. Accounting Website (<https://www.ithaca.edu/academics/school-business/graduate-programs/accounting/>)

#### Graduate Program in Exercise and Sport Sciences

Ithaca College  
Center for Health Sciences  
953 Danby Road  
Ithaca, NY 14850

Phone: 607-274-1479  
E-mail: essg@ithaca.edu (<https://catalog.ithaca.edu/graduate/essg@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

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: 607-274-1975  
Fax: 607-274-3055  
E-mail: ot@ithaca.edu (<https://catalog.ithaca.edu/graduate/ot@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: icpt@ithaca.edu (<https://catalog.ithaca.edu/graduate/icpt@ithaca.edu>)  
Department of Physical Therapy Website (<http://www.ithaca.edu/hshp/depts/pt/>)

#### Graduate Program in Physician Assistant Studies

Ithaca College  
215 East State Street, #5  
Ithaca, NY 14850

Phone: 607-274-7007  
Email: paadmissions@ithaca.edu (<https://catalog.ithaca.edu/graduate/paadmissions@ithaca.edu>)  
Graduate Program in Physician Assistant Studies Website (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/graduate-programs/physician-assistant-studies/>)



## 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](mailto:slpgrad@ithaca.edu)

Graduate Programs in Speech-Language Pathology Website (<http://www.ithaca.edu/gradprograms/slp/>)

[www.ithaca.edu](http://www.ithaca.edu)

607-274-3011

## Admission Information

- Admission Categories (p. 650)
- Graduate Application Procedures (p. 650)
- Special Information for International Applicants (p. 651)

## 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 and Professional Studies "Apply" website (<https://www.ithaca.edu/academics/graduate-and-professional-studies/apply/>).

Students who have completed the undergraduate requirements of Ithaca College's five-year B.S./M.S. program in athletic training, five-year B.S./M.S. program in occupational therapy, six-year B.S./O.T.D program in occupational therapy or six-year B.S./D.P.T. program in physical 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./M.S. in athletic training or B.S./D.P.T. in physical therapy programs.

## 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 in certain programs. Information on course availability and the registration process is available from the Office of Extended Studies (<https://www.ithaca.edu/nondegree-students-extramural-community-members-and-alumni/>).

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 in certain programs 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 all graduate programs should review the application website (<https://www.ithaca.edu/academics/graduate-and-professional-studies/apply/>) and submit the following materials.

- Application fee (varies by degree program). This fee may be waived for current Ithaca College undergraduates in certain graduate programs.
- official transcripts from all postsecondary institutions attended
- letter(s) of recommendation
- any additional materials required by department or school

Your application fee and required materials must be received by the appropriate deadline.

## Admission Application Deadline

Deadlines for application, transcripts, letters of recommendation, and, where appropriate, GRE or GMAT scores must be met. Application due dates and graduate assistantship (in programs where they are offered) deadlines are available on the Graduate and Professional Studies "Apply" (<https://www.ithaca.edu/academics/graduate-and-professional-studies/apply/>) webpage and may be updated or changed during the enrollment cycle as needed. In programs where graduate assistantships are offered, deadlines may be earlier than application due dates. Student are encouraged to review due dates carefully.

Start dates for graduate programs vary. More specific information is available from the graduate chair or program director.

- The following graduate programs have May start dates: Adolescence Education, M.A.T.; Agriculture Education, M.A.T.; Art Education, M.A.T.; Childhood Education; M.S.; Occupational Therapy (Professional Entry-Level Master's Degree), M.S.; Physical Therapy (Professional Entry-Level Doctorate), DPT.
- The following graduate program has a July start date: Physician Assistant Studies, M.S.
- The following graduate programs have August start dates: Accounting, M.S.; Entertainment and Media Management, M.B.A.; Exercise and Sport Sciences, M.S. (spring admission)



may be possible with special permission from the graduate chair); Speech-Language Pathology, M.S.

- The following graduate program has multiple start dates of August and January: Online Speech-Language Pathology, M.S.

## 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/>).

The Physician Assistant Studies, M.S. program is only able to consider for admission students who are United States citizens or lawful permanent residents of the United States. Applicants must provide a copy of their permanent resident card ("green card") prior to admissions. Permanent residency status of "pending" is not eligible for admission.

## 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), 115 on the 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 (sent directly from the issuing institution's registrar's office to the Ithaca College Office of Admission) in the original language. A certified English translation must accompany the transcript if the original language is not English.

Applicants to the following graduate programs who attended colleges or universities outside of the United States must submit a course-by-course credential evaluation report prepared by World Educational Services ([wes.org](http://wes.org)):

- Occupational Therapy
- Physical Therapy
- Speech-Language Pathology
- Speech-Language Pathology with Teacher Certification

Applicants to other graduate programs may also be asked to submit a 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. 651)
- Academic Standing and Eligibility (p. 652)
- Aid Programs (p. 652)
- Expenses (p. 656)

## 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, art education, childhood education, exercise and sport sciences, occupational therapy, music, speech-language pathology, and speech-language pathology (teaching).

### 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

Deadlines for completing assistantship applications vary by the graduate program and may be due earlier than the deadline for application to the program. Please consult the Graduate and Professional Studies Website (<https://www.ithaca.edu/academics/graduate-and-professional-studies/apply/>) or your specific graduate program for all queries regarding the assistantship application, submission deadlines, and recommendations.

### 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 through the Office of Human Resources. The recommendation for a graduate assistantship originates with the respective graduate chair and is approved by the school dean responsible for the student's graduate program.

### 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 the approval of the school dean responsible for the student's graduate program.

### Full-Time Study

A full-time graduate student is defined as one who takes 9 credits per regular semester. During the summer, enrollment with 5 credits is considered full-time.

## Academic Standing and Eligibility

### Academic Standing and Progress

Students must meet certain standards of Satisfactory Academic Progress (<https://www.ithaca.edu/tuition-financial-aid/financial-aid-policies/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 each semester.

#### 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 each semester.

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; or
- 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. Deadlines to complete a waiver can be found on the Student Financial Services website. If granted a one-time waiver, a student's federal and institutional aid may be reinstated for a period of one semester. 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 Policy (<https://www.ithaca.edu/tuition-financial-aid/satisfactory-academic-progress/>).

## 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 priority date is 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 on 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:

- demonstrate financial need for need-based federal student aid programs;
- 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 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;
- provide consent and approval to have your federal tax information transferred directly into your 2024-25 *Free Application for Federal Student Aid* (FAFSA<sup>®</sup>) form, if you're applying for aid July 1, 2024, to June 30, 2025;
- sign the certification statement on the *Free Application for Federal Student Aid* (FAFSA<sup>®</sup>) 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, 2023, and September 30, 2024, will have a 1.057% origination fee applied to the gross disbursement.

At Ithaca College funds may not be disbursed until after the drop/add period has passed. 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 8.083% for Graduate Direct Unsubsidized Loans that are first disbursed on or after July 1, 2024, and

before July 1, 2025. 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% will be deducted from the loan amount for PLUS loans first disbursed between October 1, 2023 and September 30, 2024.

### 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 9.083% for Graduate PLUS loans that are first disbursed on or after July 1, 2024, and before July 1, 2025. 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

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.

## Education Programs

Veterans, reservists, and dependents are separated into different categories or "chapters" that define eligibility requirements and determine benefits. Read more about the various chapters to determine which one may apply to you. Use the links provided to find out more about each benefit type.

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.

**Chapter 30:** Montgomery GI Bill - Active Duty (MGIB) ([http://www.benefits.va.gov/gibill/mgib\\_ad.asp](http://www.benefits.va.gov/gibill/mgib_ad.asp))

The Montgomery GI Bill Active Duty (MGIB-AD) can help you pay for education and training programs. If you've served at least 2 years on active duty, find out if you qualify for the MGIB-AD program. Review the categories on the VA website referenced above to see if you qualify.

**Chapter 31:** Vocational Readiness and Employment (<http://www.benefits.va.gov/vocrehab/>)

You may receive Veteran Readiness and Employment (VR&E) (Formerly known as Vocational Rehabilitation and Employment) services to help with job training, education, employment accommodations, resume development, and job seeking skills coaching.

**Chapter 32:** Veterans' Educational Assistance Program (VEAP) (<http://www.benefits.va.gov/gibill/veap.asp>)

Veterans eligible for assistance under Chapter 32 must have entered active duty between January 1, 1977 and June 30, 1985 (post-Vietnam) and enrolled and contributed to VEAP before April 1, 1987.

**Chapter 33:** The Post-9/11 GI Bill ([http://www.benefits.va.gov/gibill/post911\\_gibill.asp](http://www.benefits.va.gov/gibill/post911_gibill.asp))(GI Bill®)

The Post-9/11 GI Bill (Chapter 33) helps you pay for school or job training. If you've served on active duty after September 10, 2001, you may qualify for the Post-9/11 GI Bill (Chapter 33). Among other things, this bill provides funds to expand veterans' education benefits for those who have at least 90 days of aggregate service on or after September 11, 2001.

Ithaca College is a participant in the Yellow Ribbon Program, ([http://www.benefits.va.gov/GIBILL/yellow\\_ribbon.asp](http://www.benefits.va.gov/GIBILL/yellow_ribbon.asp)) which is a provision of the Post-9/11 GI Bill. The Yellow Ribbon Program can help you pay for higher out-of-state private school, foreign school, or graduate school tuition and fees that the Post-9/11 GI Bill doesn't cover. If you qualify, your school will contribute a certain amount toward your extra tuition and fees through a grant, scholarship, or similar program. VA will match the contribution.

**Fry Scholarship** - If you're the child or spouse of a member of the Armed Forces or the Selected Reserve who died on or after September 11, 2001, you may be eligible for the Marine Gunnery Sergeant John David Fry Scholarship (Fry Scholarship)

**Chapter 35:** Survivors' and Dependents' Educational Assistance Program (DEA) (<http://www.benefits.va.gov/GIBILL/DEA.asp>)

If you're the child or spouse of a Veteran or service member who has died, is captured or missing, or has disabilities, you may be able to get help paying for school or job training through the DEA program

**Chapter 1606:** Montgomery GI Bill - Selected Reserve ([http://www.benefits.va.gov/gibill/mgib\\_sr.asp](http://www.benefits.va.gov/gibill/mgib_sr.asp))

The Montgomery GI Bill Selected Reserve (MGIB-SR) program offers up to 36 months of education and training benefits. If you're a member of the Army, Navy, Air Force, Marine Corps or Coast Guard Reserve, Army National Guard, or Air National Guard, you may be eligible for this benefit. Find out if you qualify.



More benefit information is available on the Office of the Registrar's website <https://www.ithaca.edu/academics/registrar/veterans-services> (<https://www.ithaca.edu/academics/registrar/veterans-services/>)

## 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 an 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.

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 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.
- 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 the 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

Tuition and fees vary by graduate program. Please refer to the Graduate Tuition & Financial Aid website (<https://www.ithaca.edu/tuition-financial-aid/graduate-costs-financial-aid/graduate-tuition-fees/>) for more detailed information regarding tuition and fees by program.

Other Charges

Other fees

Additional fees may be assessed by the College or individual graduate programs. Please refer to the Other Fees website (<https://www.ithaca.edu/tuition-financial-aid/graduate-tuition-and-financial-aid/graduate-tuition-and-fees/>) for more detailed information.

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 tuition, fees, and other charges 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. 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

- Academic Policies (p. 656)
- Registration and Course Information (p. 657)
- Student Academic Status Policies and Academic Performance Requirements (p. 658)

Academic Policies

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.

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	Quality 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 graduate programs may have more restrictive timelines that

supersede this general policy. Any exception must be approved in writing by the dean of the school and the Office of the Provost.

## 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 on IC Workflow and electronically submitted to the Office of the Registrar (<https://www.ithaca.edu/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 request via IC Workflow 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.

## Registration and Course Information 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 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 Student Health Services via a secure web portal that is linked from the student health service'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 Student Health Services website (<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.ithaca.edu%2Fstudent-health-services&data=05%7C01%7Cvlevine%40ithaca.edu%7Cbf9c830276d240ad556d08db6c3da7f1%7Cfa1ac8f65e5448579f0b4aa422c09689%7C0%7C0%7C638222784280671988%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikl1haWwWlCJXVCi6Mn0%3D%7C3000%7C%7C>).

%7C&sdata=9R55OPYsAydrRX48VITH7JWVmRtKhlnQK1sd%2B01Rth0%3D&reserved=0).

## 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. *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. 8)). 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. 652)." 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 for coursework that occurs during summer/winter sessions. Student Health Services Student Health Services Student Health Services Student Health Services

## 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 graduate program may have more specific requirements; additional information is available from the graduate chair or director.

## 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 graduate 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 advisor, 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.

### Requirement for Continuous Registration

All students who are enrolled in a full-time on campus or online graduate degree-granting program are expected to maintain continuous registration for fall and spring semester, at a minimum, from the time of formal admission through completion of all requirements for the degree they are seeking. Graduate students are not required to maintain matriculation during the winter or summer terms unless it is required by their graduate program, or they intend to complete their final degree requirements during this period. Students must also be registered during the winter or summer term if they are taking examinations or completing/defending theses. Continuous registration can be accomplished either by registering for a credit-bearing course or by registering for the zero-credit continuing registration course. Registering for the zero-credit continuing registration course requires approval from the graduate program chair/director. This policy is in effect to ensure that, once enrolled, students make continuous progress toward the degree.

Students who wish to absent themselves from the established curricular sequencing for their program (which may expect participation in summer or winter terms or may only expect participation in sequential summer terms) are subject to all graduate program-specific policies related to breaks in continuous progression. Students should discuss with their graduate program chair/director any implications of a break from continuous progression, regardless of the reason, which may include the possibility that re-engagement with the degree program is not possible after such a break.

The continuous registration course requires graduate program chair/director approval and is not intended to be used on a routine basis. Graduate program chairs/directors can approve the use of the continuing registration course for up to two consecutive semesters, which includes winter and summer sessions for programs with mandatory coursework during those sessions. Enrollment in the continuing registration course for more than two consecutive semesters requires approval from the Office of the Provost. Enrollment in the continuing registration course for more than two summers requires approval from the Office of the Provost.

All breaks in continuous registration are factored into the college six-year requirement for degree completion. It may also be factored into graduate program-specific degree completion timeframes, which may be shorter than the college requirement. In other words, any breaks in continuous registration are counted toward the amount of time a student takes to complete degree requirements, which may not exceed the six-



year requirement for degree completion (or a program-specific shorter degree completion requirement).

The fee for the continuous registration course is \$150 per semester. Students will be billed for the continuing registration fee and may not receive their degree until the fee is paid. The graduate program chair/director may request that Student Financial Services waive the continuing registration fee. Fee waivers are only permitted for: 1) absences related to addressing physical or mental health needs or 2) academic barriers beyond the student's control described previously.

Graduate program chairs/directors may recommend a waiver of the fee associated with the requirement of continuous registration for students in select circumstances, however students must still enroll in the associated continuous registration course. However, students must still enroll in the associated continuous registration course. Recommendations for fee waiver must be submitted in writing by the graduate program/department chair to the Office of the Provost by the last day of add/drop for the relevant semester.

Neither payment of the continuous registration fee nor a waiver of the fee automatically exempts the student from financial aid obligations, the health insurance requirement, or other required college-related fees. All students with a break in continuous registration, regardless of reason, receiving financial aid must consult with the Student Financial Services as it may impact any financial aid package that is in place. Students with a graduate assistantship should discuss with their graduate program chair/director the terms of their assistantship and whether it will continue to be available upon resumption of coursework. International students should consult with the Office of International Programs to determine if their registration status, including the use of the continuous registration course, meets the requirements of the Immigration and Naturalization Service for documenting active status and degree progress.

Students who have begun a semester and then find that they cannot finish that semester should officially withdraw from their courses. Registration for the continuous registration course for that semester will be required if the student withdraws from all courses. The student account will be billed for the continuous registration fee and if any tuition refunds are due, will be deducted from that refund prior to disbursement. For withdrawal after the course withdraw deadline, students must cite extraordinary circumstances beyond their control and the inability to foresee such circumstances. Poor judgment and academic incompetence do not qualify as extraordinary circumstances. Withdrawing from courses such that the semester credit hours fall below a full-time course load may affect eligibility of students for college funding and other financial aid for that semester; in this case, students may be required to return funds.

Students who do not register for coursework, including the continuous registration course, will be considered as having separated from the college and will be administratively withdrawn from both their graduate program and the college. Students must then reapply and pay all associated fees for re-application. Readmission is not automatic. If readmitted, students are governed by requirements and regulations in effect at the time of readmission, meaning that degree requirements and course availability may change.

## **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 or director 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, the dean of the school, or their designee, must complete a notification of withdrawal form on IC Workflow to initiate the process for the student to complete. 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. 652) 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 chair or program director, 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 chair or program director and the dean before registering for a course intended for transfer.

Students must submit the request Petition for Transfer Credit form (<https://www.ithaca.edu/academics/registrar/registrar-services/transfer-credit/>) online. The request must be supported by an official transcript sent directly to the Office of the Registrar at 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. Graduate students are charged tuition for reciprocal courses. 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 each graduate 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, July, 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, July, 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 graduate chair or program director 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 or program director 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

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 fulfill the requirements with the continuous registration course, 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

#### **ART 59200 Studio Art Projects (LA)**

Directed graduate-level study in the creation of an independent body of work. Includes research, group critique, and artist statements. May be repeated for a total of six credits. (U,Y)

3 Credits

## Athletic Training (ATEG)

#### **ATEG 50100 Connective Tissues (NLA)**

Introduces the properties of all connective tissue as related to musculoskeletal injuries by examining the foundational anatomical, mechanical, and physiological principles essential to clinical practice and future expertise in risk reduction, diagnosis, and intervention for musculoskeletal injuries. Covers the pathoanatomy and pathomechanics of tissue injury, microdamage and macrodamage, pain and pain modulation, the healing response and tissue adaptation, and factors that influence the healing process, including magnitude & frequency of loading, force application, time, health status, age, overtraining, and other relevant determinants. (F,Y)

3 Credits

#### **ATEG 50200 Acute Care and Emergency Management (NLA)**

Describes the appropriate assessment and intervention for acute care and emergency situations in the athletic setting, such as cardiac arrest, concussion, spinal injury, heat illness, and other athletic-related trauma. Presents methods of risk reduction for emergent injuries and illnesses. Examines the epidemiology and etiology of emergent injuries and illnesses. (S,Y)

4 Credits

#### **ATEG 50300 Clinical Anatomy (NLA)**

Examines human anatomy with an emphasis on neuromusculoskeletal system structure and function. Introduces common injuries associated with physical activity through a combined examination of normal and abnormal anatomy and mechanics. (F,Y)

3 Credits

#### **ATEG 50400 Professional Practice in Athletic Training (NLA)**

Introduces the athletic training professional practice, including athletic training policies and procedures. Demonstrates standard documentation procedures, including use of electronic medical records. Instructs on effective communication in health care. Provides skill practice and application of injury treatment, such as taping and wrapping. (F,Y)

3 Credits

#### **ATEG 50500 Athletic Training Practicum I (NLA)**

Practical experience in a clinical setting under the supervision of an approved preceptor. Apply clinical skills acquired in didactic courses to a patient population. Introduces the Core Competencies and Practice Domains of athletic training. Enhance professionalization through direct interaction with various clinical professionals. The 1st of 4 athletic training practical courses. (F,Y)

3 Credits

#### **ATEG 50600 Assessment of Musculoskeletal Conditions (NLA)**

Examines the etiology, pathology, process, diagnosis, and treatment of neuromusculoskeletal conditions and injuries. Emphasizes conditions that affect the physically active patient population. Prerequisites:

ATEG 50100. (F,Y)

4 Credits

#### **ATEG 50700 Assessment of General Medical Conditions (NLA)**

Examines the etiology, pathology, process, diagnosis and treatment of diseases of the human body. Emphasizes disorders and conditions of the immune, cardiovascular, pulmonary, gastrointestinal, endocrine, renal, urogenital, and dermatological systems. Discusses the application of pharmacological interventions. Prerequisites: ATEG 50100. (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 Athletic Training Practicum II (NLA)**

Practical experience in a clinical setting under the supervision of an approved preceptor. Apply clinical skills acquired in didactic courses to a patient population. Reinforce the Core Competencies and Practice Domains of athletic training. Enhance professionalization through direct interaction with various clinical professionals. The 2nd of 4 athletic training practical courses. Prerequisites: ATEG 50500. (S,Y)

3 Credits

#### **ATEG 51100 Clinical Research in Athletic Training I (NLA)**

Prepares athletic training students to be clinician-scientists by addressing key elements of clinical research in athletic training. Introduces clinical research and the initial steps to conducting a clinical research project. Builds on foundational content from Evidence-Based Practice, Research Methods, and Statistics. Focuses on didactic instruction of clinical research and initiating a clinical research project (case report or critically appraised topic), including 1) developing a focused & answerable clinical question OR describing a clinical case, 2) conducting a systematic search of the scientific literature to answer the clinical question OR to develop the foundation background knowledge to describe the anatomical, mechanical, and physiological considerations that lead to a unique diagnosis or intervention. Part 1 of a 2-course Clinical Research in Athletic Training series. Prerequisites: ATEG 50100. (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 55000 Immersive Fieldwork in Athletic Training (NLA)**

Supervised immersive clinical experience. Provides opportunities to participate in the day-to-day and week-to-week role of an athletic trainer for a period of time identified by the preceptor. Permission of instructor required. (IRR,U,W)  
1-3 Credits

**ATEG 60400 Health Care Delivery and Administration in Athletic Training (NLA)**

Addresses the organization and administration of health care delivery systems specific to athletic training. Emphasizes continual quality improvement, patient and clinical outcomes, payor systems and reimbursement, legal aspects, and operational management. Prerequisites: ATEG 50400. (F,Y)  
3 Credits

**ATEG 60500 Athletic Training Practicum III (NLA)**

Practical experience in a clinical setting under the supervision of an approved preceptor. Apply clinical skills acquired in didactic courses to a patient population. Reinforces the Core Competencies and Practice Domains of athletic training. Enhance professionalization through direct interaction with various clinical professionals. The 3rd of 4 athletic training practical courses. Prerequisites: ATEG 51000. (F,Y)  
3 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 Athletic Training Practicum IV (NLA)**

Engage in practical experience in a clinical setting under the supervision of an approved preceptor. Apply clinical skills acquired in didactic courses to a patient population. Reinforces the Core Competencies and Practice Domains of athletic training. Enhance professionalization through direct interaction with various clinical professionals. Includes 5-week, full time clinical immersion rotation either on, or off campus. The 4th of 4 athletic training practical courses. Prerequisites: ATEG 60500. (S,Y)  
6 Credits

**ATEG 61100 Clinical Research in Athletic Training II (NLA)**

Prepares athletic training students to be clinician-scientists by addressing key elements of clinical research in athletic training. Continues with the conduct of a clinical research project that was initiated in ATEG 51100: Clinical Research in Athletic Training I. Focuses on 1) critical appraisal of clinical research studies identified in systematic search, 2) extracting and synthesizing relevant data from the included studies, 3) interpreting and generating clinical recommendations from the results, and 4) generating products to disseminate results and interpretations. Part 2 of a 2-course Clinical Research in Athletic Training series. Prerequisites: ATEG 51100. (F,Y)  
2 Credits

**ATEG 61500 Advanced Topics in Athletic Training (NLA)**

Emphasizes advanced evidence-based theory and techniques for injury mitigation and intervention in the physically active population. Addresses emerging trends in the profession. Prerequisites: ATEG 60500. (S,Y)  
4 Credits

## Biochemistry (BIOC)

**BIOC 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 6 credits. 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 6 credits. 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 50300 Governmental and Nonprofit Accounting (NLA)**

Evaluates the accounting principles and practices of governmental and nonprofit organizations. Interprets standards from regulatory bodies, 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. Develops models including fiscal-stress analysis. Open to seniors with permission of the business graduate program director. Prerequisites:

ACCT 34600. (Y)

2 Credits

**BGRD 50400 Advanced Financial Reporting (NLA)**

Evaluates special topics in financial reporting, including business combinations, partnerships, foreign currency transactions, fiduciary accounting and analytics. Summarizes recent professional pronouncements and emerging financial reporting issues. Open to seniors with permission of the business graduate program director. Prerequisites: ACCT 34600. (Y)

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 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)**

Cover the fundamental aspects and operations of the entertainment and media industries. Address the production process, project financing, and strategies to maximize existing properties, production company management, intellectual property, regulatory structure of copyrights in the global market, industry ethics, and more. Host industry speakers to provide context and practical information about how management theory is applied in practice. (F,Y)

2 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 59300 Advanced Tax Accounting (NLA)**

Analyzes the rules relating to gains and losses, partnerships, corporations, and gifts and estates. Demonstrate complex tax problems and solutions. Illustrates internal revenue code sections, treasury regulations, IRS rulings, and court decisions. Open to seniors with permission of the business graduate program director. Prerequisites: ACCT 49300. (Y)

4 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 59800 Accounting Practicum (NLA)**

Emphasizes supervised work experience in audit, tax, and/or accounting in a C.P.A. firm, at various tax preparation sites, or in an organization where responsibilities include non-routine projects requiring analysis and decision making. Enhances development of professional skills. (IRR)

1-6 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)**

Simulates the practice of auditing using real-world situations as the foundation for technical and theoretical discussions of issues facing the modern auditor. Analyzes auditing communications through software.

Prerequisite: ACCT 40600. (Y)

2 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 & Fraud Law (NLA)**

Examines the rapidly evolving and increasingly relevant disciplines of forensic accounting fraud law. Explores the principles and methodology of forensic accounting, as well as fraud detection and deterrence, and provides an overview of the different phases of litigation in a fraud case. Connects motives and techniques used to perpetrate various fraud schemes to the internal controls available to detect and mitigate this behavior, and the legal proceedings that may ensue. Open to seniors with permission of the business graduate program director. (Y)

2 Credits

**BGRD 60800 Contemporary Issues in Accounting I (NLA)**

Explores current issues in accounting practice and research in preparation for individual research project in BGRD 62800: Contemporary Issues in Accounting II. (F)

2 Credits

**BGRD 60900 Entrepreneurship for the Entertainment Industry (NLA)**

Cover the theoretical frameworks and practical approaches to entrepreneurship. Focus on the different stages of the entrepreneurial process, including business model generation and initial testing of ideas for new ventures, and enables students to examine these within the context of the media and entertainment industry. (S,Y)

2 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 Concept Planning in Audio, Video & Live Events (NLA)**

Students develop creative concepts for entertainment projects in audio, video, and live events, collaborating with partners such as the Ithaca College School of Music, Theater, and Dance; Ithaca College Park Productions; The State Theater; and DSP Productions. Apply their vision of project to identify target audiences, evaluate the feasibility of the scope, and create "elevator pitches" for funding. As student managers of South Hill Entertainment, a multifaceted audio and video production company owned by Ithaca College, the cohort evaluates and makes recommendations on which proposals should be "greenlighted" for future semester production. (F)

4 Credits

**BGRD 61200 Practicum II, Management & Practice (NLA)**

Continued management South Hill Entertainment, a multifaceted audio and video production company owned by Ithaca College. Student teams do pre-production planning for spring semester productions. Plans include team management and operations structure, team communications, project management, artist relations, budgets, vendor selection, partner agreements, marketing, and distribution. Students attend industry conferences and networking events to enhance professional development. (W,Y)

2 Credits

**BGRD 61300 Practicum III, Production & Market Release (NLA)**

Continued management of South Hill Entertainment, a multifaceted audio and video production company owned by Ithaca College. Projects go live this semester; student teams collaborate with external partners to produce, market, and distribute music, audio, and video projects. Students manage external sub-contract vendors, artists relations, budgets, production schedules, event schedules, marketing, and distribution plans. Student teams establish and analyze performance metrics. (S)

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)**

Studies the art and science of securing agreements between two or more interdependent parties. Understanding the behavior and relationships of individuals, groups, and organizations in the context of cooperative and competitive situations. Building a negotiation skill set that can be used in a broad array of organizational situations and personal life. Experiential application of negotiation skills and analytic frameworks to create optimal solutions to problems. (S,Y)

2 Credits

**BGRD 61700 Business Analytics (NLA)**

Develop technology and quantitative skills, knowledge, and the proper use of analytical decision-making methods in the entertainment business environment. Topics include managing big data, descriptive analytics, predictive analytics, and prescriptive analytics. (F,Y)

4 Credits

**BGRD 61800 Organizational Structure, Processes, & Leadership (NLA)**

Investigates the impact of individuals, groups, and organizational structure on people's behavior for the purpose of improving firm effectiveness. 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. (S,Y)

2 Credits

**BGRD 62100 Global Dimensions of the Entertainment and Media Industries (NLA)**

Provides framework for understanding the entertainment industry at a global level. 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)

2 Credits

**BGRD 62200 Finance & Economics in the Entertainment Industry (NLA)**

Focuses on economic issues and financial decision-making tools with an emphasis on the entertainment industry. Broadly introduces the macro- and microeconomics 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. Continues with 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)

4 Credits

**BGRD 62500 Accounting for the Entertainment Industry (NLA)**

Use accounting information for planning and control decisions in a global, competitive environment, and emphasizes the application of accounting concepts and analytical skills. Where appropriate, incorporate financial statement analysis or ratio analysis to facilitate a deeper understanding of the material. Designed for students who have minimal previous training or experience in accounting. (F)

2 Credits

**BGRD 62600 Legal Environment of the Entertainment & Media Industries (NLA)**

Introduces the multitude of legal considerations specific to the entertainment and media industries. #Assess and discuss a diverse set of case studies that address copyright law, trademark law, industry contracts, publicity rights, compensation, and project finance. #Special emphasis is placed on copyright and trademark law in the digital age. (S,Y)

2 Credits

**BGRD 62800 Contemporary Issues in Accounting II (NLA)**

Explores current issues in accounting practice and research allowing for completion of individual research project. Continues with development of research projects initiated in BGRD 60800: Contemporary Issues in Accounting I. Prerequisites: BGRD 60800. (S)

2 Credits

**BGRD 63200 Corporate Financial Management (NLA)**

Illustrates theories of financial management with business applications through case analysis and use of spreadsheet software. Demonstrates financial theories underlying risks and return, capital structure and cost of capital, optimal capital budget, short- and long-term financing decisions, mergers and acquisitions, leasing, and dividend policy. Prerequisites: FINA 32100. (F,Y)

4 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)**

Project-based course to hone the business development, entrepreneurial, negotiation, accounting, finance, and management skills acquired over the course of the MBA EM program. Focuses on the business and managerial aspects rather than creative, content production, or operational side. (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)**

Introduces the provisions of Subchapter K. Definitional aspects of partnerships and other taxable entities and tax consequences incident to formation of a partnership. Overviews operational aspects, including selection of a taxable year, determination of the partners' distributive share and allocations, and consequences of termination of the partnership. Summarizes transactions between controlled partnerships and between a partner and the partnership, including guaranteed payments. Open to seniors with permission of the business graduate program director. (S)

2 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 66300 Accounting Analytics (NLA)**

Illustrates critical thinking skills in data analytics models. Articulates use of leading-edge software to define problems, display alternatives, and reach conclusions. Prerequisites: MGMT 26000. (S)  
2 Credits

**BGRD 66400 Accounting Information Systems (NLA)**

Demonstrates analysis and design of computer-based accounting information systems. Illustrates flow charting, data security, systems development, program architecture, and management of the implementation process. Develops computer applications and formulate decision information for managerial uses. Prerequisites: ACCT 40600. (S)  
4 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 6 credits 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 15 credits 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 6 credits. 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 10 credits 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 10 credits 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 12 credits and who have gained approval of the program director. Required. Prerequisite: EXCO 50000 and completion of 12 credits 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 50700 Advanced Content Knowledge in the Discipline (NLA)**

Identifies and addresses gaps in teacher candidates' content knowledge in their respective disciplines and provides them with resources and approaches for assessing and updating their knowledge as the secondary curriculum evolves. Guides students in exploring how central topics in their content area connect with particular pedagogical approaches. Course is repeatable for a maximum of six credits. Permission of Instructor. (U,Y)

3 Credits

**EDUC 50800 Assessment in the Disciplines (NLA)**

Prepares secondary teacher candidates to design, implement, and analyze classroom assessments in their discipline. Teacher candidates are introduced to different approaches to formative and summative assessment, understanding purposes and limitations of both quantitative and qualitative assessment constructs, as well as how to communicate about assessment results with their students and use findings to inform their ongoing instructional planning. Permission of instructor. (F,Y)

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. 3 credits.

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 51410 Pedagogy and Practice for the Art Teacher (NLA)**

Examination of current research and practice in the effective teaching of art at the elementary, middle and high school levels. Focus on national and state standards in art, 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 art curriculum. Introduction to professional organizations, journals, and resources. Field experience required. (F)  
3 Credits

**EDUC 51610 Pedagogy and Practice for the Computer Science Teacher (NLA)**

Examines current research and practice in the effective teaching of computer science at the elementary, middle and high school levels. Focuses on national and state standards in computer science, 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 computer science curriculum. Introduction to professional organizations, journals, and resources. Field experience required. Permission of instructor required. (F)  
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,U,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,U,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,U,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 the elementary, middle, and/or high school levels, as appropriate to the certification program in which the teacher candidate is enrolled. Additional coursework may not be taken without permission of department chair and coordinator of teacher education. Prerequisites: EDUC 60500. (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. 3 credits. (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. (FSU)

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. (FY)

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. 2 credits. (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 and 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 analyses, 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 Mental Performance Practicum (NLA)**

Provides and expands on the consulting experience of delivering mental training services in sport and exercise settings started in Theories and Practice of Performance Enhancement in Sport and Exercise. Emphasizes 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. Provides mentored/supervised experiences for individual and group (team) interventions. 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 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)

## 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 3 credits. (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. 3 credits. (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. 3 credits. (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. 3 credits. (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. 2 credits. (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. 2 credits. (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. 2 credits. (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. 2 credits. (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. 2 credits. (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. 1 credit. (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 24 credits. 6 credits. (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. 3 credits. (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. 3 credits. (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 69500 Emerging Practices in Music Education (LA)**

Examines future possibilities in music education. In particular it focuses in on emerging practices in K-12 and community music contexts. Centers on music teacher education, student learning in facilitated environments, learner-led and informal/non-institutionalized environments. Explores a balance of research and practice with an emphasis on pedagogical possibilities in innovative and inclusive music education. (IRR)

2,3 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 2 credits. (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 credit.

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 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)

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 Treble Chorale (LA)**

A choral ensemble open to all soprano and alto 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. (FS)  
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. 0-0.5 credit for music majors; 1 credit 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 1 credit 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. 2.0 credits (FS).

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 8 credits.

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 8 credits.

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 1 credit. (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. 1 credit (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. 3 credits. (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 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 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 64600 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 (NLA)**

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 68500 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 Occupational Therapy in Early Intervention (NLA)**

A study of the impact of biological, psychological, and sociocultural factors on the occupational development of young children with disabilities. Practice skills in assessment and family-centered intervention for infants and toddlers with disabilities and their families. (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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, 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 2 credits, through permission of the graduate chair in music. 1-2 credits. (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. 2 credits (F,S)

2 Credits

## Physical Therapy (DPT) (PDPT)

**PDPT 59500-59505 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 59900-59905 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. Completion of BS in Clinical Health Studies required. (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. Completion of BS in Clinical Health Studies required. (B,F,Y)

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. Completion of BS in Clinical Health Studies required. (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. Completion of BS in Clinical Health Studies required. (F,Y)  
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. Completion of BS in Clinical Health Studies required. (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 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. Completion of BS in Clinical Health Studies required. (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. Completion of BS in Clinical Health Studies required. (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. Completion of BS in Clinical Health Studies required. (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 are discussed, including a review of the medical and surgical management of specific diseases. Evaluation procedures used to determine the status of cardiovascular and pulmonary function 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 for people with cardiovascular and pulmonary problems. (S,Y)  
4 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. Completion of BS in Clinical Health Studies required. (S,Y)  
4 Credits

**PDPT 61200 Clinical Education I (NLA)**

The first full time placement for the student in a clinical environment where they have 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. Successful completion of all prior required coursework and a passing score on the Comprehensive Practical exam is required. 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 and spine. 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 62500 Integrated Clinical Experience II (NLA)**

Provides students with an opportunity to work with patients under the supervision of a faculty member. Students will apply learned knowledge and skills and assume appropriate responsibilities in direct patient care. This second clinical education experience is integrated into the curriculum. (F,Y)

1 Credit

**PDPT 62800 Health Care Systems (NLA)**

Introduces the basic constructs of the US health care system with emphasis on how system components influence patient referrals, delivery of care, reimbursement, and outcomes in physical therapy. (F,Y)

1 Credit

**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 63100 Research Project I (NLA)**

Review literature relevant to the research question, practice and modify the methods based on pilot data, complete CITI training, and potentially start data collection in small groups. Complete a draft of the introduction and method section of a manuscript. This is the first of a three-course research sequence based on a faculty-lead research project. (F,S,IRR,Y)

1 Credit

**PDPT 63200 Research Project II (NLA)**

Continue a research project with a faculty mentor. Revise drafts of introduction and methods sections. Collect data in small groups. Begin data analysis and drafts of results section. This is the second of a three-course research sequence based on a faculty-lead research project.

Prerequisites: PDPT 63100. (F,IRR,S,Y)

1 Credit

**PDPT 63300 Research Project III (NLA)**

Continue a research project with a faculty mentor. Complete final data analysis and revise drafts to complete a final paper and prepare an abstract and presentation. This is the third of a three-research course sequence based on a faculty mentored research project. Prerequisites: PDPT 63200. (F,IRR,S,Y)

1 Credit

**PDPT 69000-69005 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 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 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 6 credits. (F,S,Y)

1-3 Credits

## Physical Therapy-Undergrad (PTBS)

**PTBS 50000 Documentation for Physical Therapy (NLA)**

Introduces written documentation of physical therapy services using the American Physical Therapy Association's 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. (U,Y)

1 Credit

**PTBS 50100 Human Anatomy (NLA)**

Investigates 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. (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: 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: 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 51700. (S,Y)

Attributes: CP

1 Credit

**PTBS 50600 Medical Screening I (NLA)**

Explores the principles and interpretation of diagnostic testing. Includes 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. Uses patient cases to compare patho-structural diagnosis with actual symptoms and clinical presentation. Prerequisites: PTBS 50100. (F,Y)  
1 Credit

**PTBS 50700 Integrated Clinical Experience I (NLA)**

Work with patients under the supervision of a faculty member. Apply knowledge and skills to assume appropriate responsibilities in direct patient care. (B,S,Y)  
1 Credit

**PTBS 50800 Evidence Based Practice I (NLA)**

Explores how research literature can guide clinical decision making and form the basis for contemporary physical therapist practice. Emphasize how evidence is used to answer clinical questions that affect the examination process, evaluation procedures, and interventions commonly used by physical therapists. Examine the historical background for evidence based practice. Analyze the fundamental components of evidence based practice. Prerequisites: PTBS 50100. (S,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 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)**

Provides knowledge related to and skills required in the acute care setting. Develop competency in acute care evaluations, interventions, and discharge planning. Integrate curricular content to address the complex patient and dynamic environment encountered in acute care. Prerequisites: PTBS 51600. (F,Y)  
2 Credits

**PTBS 51300 Electrotherapeutic Modalities and Physical Agents (NLA)**

Explores 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: 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 51600 Mobility Training (NLA)**

Introduces patient/client care techniques related to mobility training including bed mobility, transfer training, gait training with a variety of assistive devices, elevation training, and wheelchair mobility. Familiarizes students with the initial steps in the patient-therapist relationship including professional behaviors and oral communication. Review of cardiovascular systems is also included. Develops the skills necessary to ensure the safety of both the patient/client and the student/therapist in a clinical environment. Prerequisites: PTBS 50100. (F,Y)  
1 Credit

**PTBS 51700 Professional Development I (NLA)**

Introduces professionalism including professional and ethical behavior, as well as our professional organization. Develops effective listening skills. Prepares to teach in a variety of settings and formats for academic, clinical, and professional purposes. Includes 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 50100. (F)

1 Credit

**PTBS 51800 Pathology for Physical Therapists (NLA)**

Examines the components of general disease and injury processes and specific components of selected diseases likely to be encountered in physical therapy practice. Describes general pathology topics including cell and tissue injury, inflammation, and the healing and repair process. Focuses specifically on diseases of the musculoskeletal, cardiovascular, pulmonary, integumentary, and nerve systems. Emphasizes understanding the underlying mechanisms of structural and functional disruptions for adults, with secondary comparisons to pathology across the life span. Provides background information necessary for performing differential diagnosis and patient treatments that will be taught in future coursework. Prerequisites: PTBS 50100. (F,Y)

3 Credits

**PTBS 51900 Patient Care Skills I (NLA)**

Introduces written documentation of physical therapy services using the American Physical Therapy Association's Patient/Client Management Model and the International Classification of Functioning, Disability, Patient care related to mobility training including bed mobility, transfers, gait with a variety of assistive devices, and stair climbing will also be introduced. (U,Y)

1 Credit

**PTBS 52000 Patient Care Skills II (NLA)**

Enforces patient/client care techniques related to mobility training including bed mobility, transfers, gait with a variety of assistive devices, and stair climbing that was taught in Patient Care Skills I and adds wheelchair management with hands-on practice. Familiarizes students with the initial steps in the patient-therapist relationship including professional behaviors, oral communication, and written communication. Review of cardiovascular systems is also included. Develops the skills necessary to ensure the safety of both the patient/client and the student/therapist in a clinical environment. Incorporates defensible documentation in a daily note, progress note, and discharge summary. Prerequisites: PTBS 51900. (F,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 3 credits. (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 59000-59005 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 .5-3 credits (IRR)

0-3 Credits

**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." 3 credits. (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)**

Introduce topics in Genetics, Microbiology, and Infectious Disease in the context of clinical practice. Review chromosomes, transcription, translation, inheritance patterns, and associated diseases and disorders. Discuss diagnostic techniques and provide an overview of embryonic development and teratogens. Explore a selection of genetic diseases, including what is known about the genetics involved, the signs and symptoms of the disease, and prevention and treatment options available. Introduce concepts regarding the role of genetic counseling, the ethical and legal issues related to genetic screening and genetic testing and review basic microbiology concepts, including microbial structure and basic laboratory techniques. Introduce the role of the human body's typical microflora and the mechanisms by which pathogens (including bacteria, viruses, fungi, and parasites) 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,Y)

3 Credits

**PASG 60300 Diagnostic Imaging (NLA)**

Integrate human anatomy and physiology into the most common modalities of diagnostic imaging used in clinical medicine to identify normal variant anatomy. (B,F,Y)

2 Credits

**PASG 60400 Human and Radiographic Anatomy and Lab (NLA)**

Examine the gross anatomical components of the human body through the use of lecture and cadaver dissection 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 (PA) profession, social, regulatory, economic, and political aspects of becoming a PA. Discuss the professional organizations that represent PAs. Utilize the knowledge gained to advocate for the PA 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. (B,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 physical exams. Examine lab partners and/or standardized patients to gain the skills and knowledge to perform thorough histories and physical examinations. Prerequisites: PASG 60000. (S,Y)

4 Credits

**PASG 60620 Clinical Assessment II (NLA)**

Develop proficiency in 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 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. Examine peers and standardized patients to advance the skills and knowledge to perform focused histories 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. (B,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. Analyze and appraise the medical and pharmaceutical literature. The second in a series of three courses. Prerequisites: PASG 60910. (B,S,Y)

2 Credits

**PASG 60930 Evidenced Based Medicine III: Effective Communication in Health Care (NLA)**

Formulate a clinical question and search the medical literature to answer that clinical question. Gain knowledge on how to effectively search various medical databases and identify research in support of the clinical question. Draw upon the principles and concepts acquired in Evidenced-Based Medicine (EBM) I and II to evaluate the strength of evidence that will justify the answer to their clinical question. Learn to write and present the topic in a scholarly format. This is 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 (PA) leaders. Prepare PA 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. Learn to advocate for patients through involvement in quality improvement initiatives. Learn to advocate for the PA profession by developing leadership skills and an understanding of the importance of quality improvement in patient safety. Discuss the importance of commitment to excellence and ongoing professional development. (F,Y)

1 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. Prerequisites: PASG 60820, PASG 61020, PASG 61320. (F,Y)

3 Credits

**PASG 61500 Clinical Skills and Procedures (NLA)**

Perform 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. Introduce learners to essential procedures and skills necessary for primary care practice. 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)**

Describe how to plan, deliver, and evaluate patient/population-centered care and population health programs to ensure policies are safe, timely, efficient, effective, and equitable. Apply relationship-building values and the principles of team dynamics to perform effectively in different team roles. Evaluate local community health needs and design a process improvement project to address one of those needs. Attain effective leadership skills needed to advocate for patients and quality improvement in patient safety. (F,Y)

2 Credits

**PASG 70000 Supervised Clinical Practice Experience - Family Medicine (NLA)**

Supervised clinical experience for five weeks in Family Medicine with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients with a focus on managing chronic conditions and preventative care. 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)**

Supervised clinical experience for five weeks in Internal Medicine with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients with a focus on inpatient management of acute and chronic conditions. 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 - Surgery (NLA)**

Supervised clinical experience for five weeks in Surgery with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients in pre-operative, intra-operative and post-operative settings. 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)**

Supervised clinical experience for five weeks in Pediatrics with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients and their families with a focus on acute and preventative care. 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)**

Supervised clinical experience for five weeks in Women's Health with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients with a focus on preventative gynecological care, acute gynecological care, and preventative prenatal care. 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)**

Supervised clinical experience for five weeks in Behavioral and Mental Health with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients with a focus on acute and chronic behavioral and mental health concerns. 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)**

Supervised clinical experience for five weeks in Emergency Medicine with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients with a focus on patients presenting with acute and emergent concerns. 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)**

Supervised clinical experience for five weeks with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients with a focus on acute and chronic conditions related to the practice area. 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)**

Supervised clinical experience for five weeks with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients with a focus on acute and chronic conditions related to the practice area. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700. (B,F,S,U,Y)

4 Credits

**PASG 70900 Transition to Clinical Practice (NLA)**

Practice clinical procedures and skills learned during nine clinical rotations. Provide education in special populations and special topics not encountered commonly in clinical rotations but required for the delivery of inclusive care. Prepare for the Physician Assistant National Certifying Examination (PANCE). 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,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 6 credits. 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 6 credits. 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 6 credits 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)**

Comprehensive study of the nature and development of fluency and fluency disorders. Identify and apply knowledge in the following areas: (1) development of normal speech fluency, (2) onset and development of fluency disorders, (3) exploration of stuttering theories and current research, and (4) examination of diagnostic and therapeutic intervention programs for preschoolers, school-age children, and adults. (F,S,U,Y)  
Attributes: TE  
2 Credits

**SLPG 55300 Voice and Related Disorders (NLA)**

Study of normal and disordered phonatory processes; including upper airway disorders; apply knowledge in evaluation and remediation of specific voice problems across the lifespan. (F,S,U,Y)  
3 Credits

**SLPG 55500 Adult Dysarthria (NLA)**

Preparation for diagnosis and treatment of dysarthria. Identify and apply knowledge in neuroanatomy and physiology of speech production, etiology of dysarthria, differential diagnosis based on dysarthria characteristics, and treatment using a biopsychosocial model. (F,S,U,Y)  
2 Credits

**SLPG 55600 Acquired Cognitive Communication Disorders (NLA)**

Preparation for diagnosis and treatment of acquired cognitive communication disorders, including: right hemisphere disorder; traumatic brain injury; normal aging; mild cognitive impairment; dementia. Identify and apply knowledge in neuroanatomy, theoretical models of cognition and memory, etiology of acquired cognitive communication disorders, their characteristics, and diagnosis and treatment using a biopsychosocial model. (F,S,U,Y)  
2 Credits

**SLPG 55900 Speech Sound Disorders in Children (NLA)**

Study of disordered speech sound production in children. Identify and apply knowledge in: typical speech sound acquisition; articulation; phonology; relationships between speech sound disorders and literacy; cultural-linguistic variations in speech production; characteristics of speech sound disorders across different clinical populations. Evaluate approaches to assessment and treatment using best practices in clinical decision-making. (F,S,U,Y)  
Attributes: TE  
3 Credits

**SLPG 61000 Early Intervention for Children with Communication Disorders (NLA)**

Outline the development of normal and disordered communication in children from birth to 3 years of age. Summarize important legislation and service delivery models used in early intervention. Describe assessment and intervention methods used with children under the age of 3. (F,S,U,Y)  
Attributes: TE  
2 Credits

**SLPG 62000 Speech-Language Pathology in Educational Settings (NLA)**

Recognize roles and responsibilities of the SLP in educational settings. Identify and apply knowledge of: legislative foundations including IDEA (Individuals with Disabilities Education Act), ADA (Americans with Disabilities Act), and Safe Schools Legislation; professional certification and ethics; Individual Educational Program development; implementation of culturally sensitive therapeutic programs in a diverse classroom setting; RTI (Response to Intervention); and specific disability areas such as learning disabilities. (F,S,U,Y)  
Attributes: TE  
2 Credits

**SLPG 62100 Autism Spectrum Disorders (NLA)**

Identify and apply knowledge in autism spectrum disorders (ASD): definitions and characteristics, etiology and prevalence, evidence-based supports, and the speech-language pathologist's roles and responsibilities in assessment and intervention for ASD. (F,S,U,Y)  
1 Credit

**SLPG 62200 Counseling in Speech-Language Pathology (SLP) (NLA)**

Engage in discussion, reflection, and collaborative exercises around the roles and responsibilities of the speech-language pathologist (SLP) in counseling individuals with communication and swallowing disorders and providing support and education to their families/caregivers. Apply counseling techniques and integrate approaches. Describe essential aspects of interprofessional teams in counseling. (F,U,S,Y)  
1 Credit

**SLPG 62500 Medical Topics in Speech-Language Pathology (NLA)**

Apply interdisciplinary focus to characteristics, assessment, and management of special populations frequently encountered in medical settings; evaluate evidence-based techniques, materials, and programs; identify key elements of interprofessional practice in medical settings. (F,S,U,Y)  
2 Credits

**SLPG 63100 Pediatric Motor Speech Disorders (NLA)**

Apply knowledge of etiology and characteristics of pediatric motor speech disorders to identifying evidence-based interventions. (F,U,S,Y)  
1 Credit

**SLPG 63300 Cultural Competence in Speech-Language Pathology Clinical Practice (NLA)**

Summarize 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. (F,S,U,Y)  
1 Credit

**SLPG 64000 Audiology and Assistive Technology/Listening Devices (NLA)**

Identify psychosocial, educational, vocational, and linguistic effects of hearing loss, including the normal and disordered auditory system; interpretation of test results; listening devices and assistive technology for treatment of auditory disorders; and troubleshooting equipment. Emphasis on the role and scope of practice of the speech-language pathologist in screening for and treating hearing disorders through technology. (F,S,U,Y)

2 Credits

**SLPG 64100 Facilitating Spoken-Language Learning in Deaf and Hard-of-Hearing Children (NLA)**

Identify and apply knowledge in facilitating spoken-language learning in deaf and hard-of-hearing children using the auditory-verbal approach. Apply auditory-verbal philosophy to maximizing hearing and facilitating listening, language, and literacy in deaf and hard-of-hearing children. Identify key elements in family-centered practice for this population. Prerequisites: SLPG 64000. (F,S,U,Y)

1 Credit

**SLPG 64900 Augmentative and Alternative Communication (NLA)**

Identify and apply knowledge in supporting individuals with complex communication needs using augmentative and alternative communication techniques and strategies. Hands-on experience with augmentative communication devices and related equipment. (F,S,U,Y)

Attributes: TE

3 Credits

**SLPG 65100 Adult Aphasia and Related Disorders (NLA)**

Identify, differentiate, and contrast the phenomenology, symptomatology, and diagnostic and therapeutic processes of adult aphasia, apraxia of speech, and related disorders. (F,S,U,Y)

3 Credits

**SLPG 65200 Language Disorders in Children Ages 3 to 21 (NLA)**

Identify typical language development and apply concepts to disordered communication in children from 3 to 21 years. Identify and evaluate theories, apply evidence-based practices to case examples, including considerations of: legislation; service delivery models; culturally responsive practice; assessment and psychometrics; interventions/supports; needs of special populations; impact of language on literacy. (F,S,U,Y)

Attributes: TE

3 Credits

**SLPG 65500-65507 Seminar in Speech Pathology: Selected Topics (NLA)**

Explore various topics in speech-language pathology and audiology (SLPA) as determined by course instructors and the department of SLPA. Offered on an irregular basis. (IRR)

1-6 Credits

**SLPG 65600 Dysphagia (NLA)**

Identify and analyze the nature, etiology, and physiology of normal and abnormal patterns of swallowing across the lifespan. Instrumental techniques for the study of swallowing and procedures for clinical swallowing evaluations. Identify best practices in dysphagia treatment, ethics, and clinical decision-making. (F,S,Y,U)

3 Credits

**SLPG 65700 Research Methods and Analysis (NLA)**

Demonstrate knowledge in study designs and analysis in communication sciences and disorders research; critically evaluate research, applying levels of evidence and comparing evidence for interventions; articulate evidence-based position in oral and written formats. (F,S,Y,U)

3 Credits

**SLPG 66100 Clinical Practicum I (NLA)**

Engage in a dynamic supervised clinical practice experience. Apply classroom learning to the practicum setting. Demonstrate professional skills, develop and implement an intervention plan, create a motivating therapeutic environment, collaborate with relevant others, and complete thorough documentation. Practica may take place on or off campus.

Supervision is provided in accordance with ASHA requirements. (F,S,U,Y)

Attributes: TE

1 Credit

**SLPG 66101 Seminar in Professional Practice I (NLA)**

Identify and apply basic concepts in professional practice in speech-language pathology, including: scope of practice, evidence-based practice, standards of ethical conduct, trends in professional practice, accreditation, certification, and licensure, graduate program standards, requirements, and expectations. Co-requisite: SLPG 66100. (F,S,U,Y)

1 Credit

**SLPG 66200 Clinical Practicum II (NLA)**

Engage in multiple supervised clinical practice experiences. Provide diagnostic evaluations and therapeutic intervention for individuals with a variety of speech-language disorders across the lifespan. Demonstrate professional skills. Develop and implement an intervention plan, create a dynamic therapeutic environment, collaborate with relevant others, and complete thorough documentation. Site and client assignments are determined by clock-hour needs, scope of practice, and regulatory requirements. Practica will take place in a variety of settings both 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. (F,U,S,Y)

Attributes: TE

2 Credits

**SLPG 66300 Clinical Practicum III (NLA)**

Engage in multiple supervised clinical practice experiences. Provide diagnostic evaluations and therapeutic intervention for individuals with a variety of speech-language disorders across the lifespan. Demonstrate professional skills. Develop and implement an intervention plan, create a dynamic therapeutic environment, collaborate with relevant others, and complete thorough documentation. Site and client assignments are determined by clock-hour needs, scope of practice, and regulatory requirements. Practica will take place take place in a variety of settings both 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. (F,S,U,Y)

Attributes: TE

1 Credit

**SLPG 66400 Clinical Practicum IV (NLA)**

Engage in multiple supervised clinical practice experiences. Provide diagnostic evaluations and therapeutic intervention for individuals with a variety of speech-language disorders across the lifespan. Demonstrate professional skills. Develop and implement an intervention plan, create a dynamic therapeutic environment, collaborate with relevant others, and complete thorough documentation. Site and client assignments are determined by clock-hour needs, scope of practice, and regulatory requirements. Practica will take place in a variety of settings both 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,S,U,Y)

Attributes: TE

2 Credits

**SLPG 66401 Seminar in Professional Practice II (NLA)**

Professional practice in speech-language pathology for individuals in their final semester prior to externship/student teaching. Identify and apply information in ASHA practice policies and guidelines, reimbursement procedures, counseling in SLP, evidence-based practice, trends in professional practice, and advanced topics in certification and licensure. Discuss externship/student teaching standards, requirements, and expectations. Co-requisite SLPG 66400. (F,U,S,Y)

1 Credit

**SLPG 66500-66501 Professional Externship in Speech-Language Pathology (NLA)**

Engage in 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. Faculty approval required. Prerequisite: SLPG 66400. (F,S,Y,U)

Attributes: TE

4 Credits

**SLPG 66600 Supplementary Clinical Affiliation (NLA)**

Engage in supervised clinical practicum, to fulfill clinical clock hours required for program completion. (IRR)

1 Credit

**SLPG 67000 Individual Studies (NLA)**

Individually investigate special topic in communication sciences and disorders; complete critical review. Registration requires submission of approved outline and bibliography. Permission of instructor and department chair. (F,S,U,Y)

1-3 Credits

**SLPG 67050 Independent Clinical Study (NLA)**

Individual study on clinical topics; analyze key clinical knowledge and skills needed for entry level practitioners in speech-language pathology; develop personal reflection and action plan to achieve learning outcomes for completion of clinical training. Permission of Instructor required. (F,S,U,Y)

1-3 Credits

**SLPG 67100 Individual Studies (NLA)**

Individually investigate special topic in communication sciences and disorders; complete critical review. Registration requires submission of approved outline and bibliography. Permission of instructor and department chair. (F,S,U,Y)

1-3 Credits

**SLPG 67200-67300 Independent Reading (NLA)**

Explore key issues and critically evaluate topic in communication disorders and sciences, with approval of department chair. (F,S,U,Y)

1-3 Credits

**SLPG 67400-67500 Independent Research (NLA)**

Investigate topic in communication disorders and sciences, under faculty guidance. Permission of department chair required. (F,S,U,Y)

Attributes: TE

1-3 Credits

**SLPG 68000 Thesis or Research Paper (NLA)**

Complete thesis or research paper. See graduate policies for details. May be repeated, up to total of 8 credits. (F,S,U,Y)

2-8 Credits

**SLPG 68100 Comprehensive Examinations (NLA)**

Demonstrate learning across the curriculum in speech-language pathology by completing comprehensive examinations across the scope of practice. (F,U,S,Y)

0 Credit

**SLPG 69800 Professional Experience in Education I (NLA)**

Engage in 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. Mandatory seminars are held throughout the semester. Faculty approval required. Prerequisite: SLPG 66400. (F,S,U,Y)

Attributes: TE

4 Credits

**SLPG 69801 Professional Experience in Education II (NLA)**

Engage in 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. Mandatory seminars are held throughout the semester. Faculty approval required. Prerequisite: SLPG 66400. (F,U,S,Y)

Attributes: TE

4 Credits



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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.

### M.S. in Accounting

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.

## MBA in Entertainment and Media Management

Ithaca's MBA 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, South Hill Entertainment, 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 and producing creative content. Students will sign, develop, and distribute releases of video, audio and musical works, as well as develop a live event. 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.

## Admission

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.

For application information and admission criteria, see the program websites. (<https://www.ithaca.edu/academics/school-business/graduate-programs/>)

### 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 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 business, but not accounting, must complete Intermediate Accounting (I and II), Cost Accounting, Auditing, and Commercial Law.
- Applicants with bachelor's degree in a non-business field must complete at least 60 credits in liberal arts coursework plus Finance, 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.

### Preparatory undergraduate Business Coursework for MBA applicants:

- Applicants with bachelor's degree in business or accounting, or who have completed the Ithaca College pre-MBA minor 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 may be allowed to complete approved course equivalencies, such as Ivy Software-Graduate products. Please refer to Ithaca College's School of Business website for more detail information.
- Microsoft Office Excel Basic Certification is required before enrollment.

## 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.

## Extramural Study

Non-matriculated students (including undergraduate students who meet specific criteria) may take up to 6 credits in the M.B.A. or M.S. Accounting program on an extramural basis.

## Majors

- Entertainment and Media Management (M.B.A.) (p. 708)
- Accounting (M.S.) (p. 708)

### BGRD 50300 Governmental and Nonprofit Accounting (NLA)

Evaluates the accounting principles and practices of governmental and nonprofit organizations. Interprets standards from regulatory bodies, 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. Develops models including fiscal-stress analysis. Open to seniors with permission of the business graduate program director. Prerequisites: ACCT 34600. (Y)  
2 Credits

### BGRD 50400 Advanced Financial Reporting (NLA)

Evaluates special topics in financial reporting, including business combinations, partnerships, foreign currency transactions, fiduciary accounting and analytics. Summarizes recent professional pronouncements and emerging financial reporting issues. Open to seniors with permission of the business graduate program director. Prerequisites: ACCT 34600. (Y)  
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 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)

Cover the fundamental aspects and operations of the entertainment and media industries. Address the production process, project financing, and strategies to maximize existing properties, production company management, intellectual property, regulatory structure of copyrights in the global market, industry ethics, and more. Host industry speakers to provide context and practical information about how management theory is applied in practice. (F,Y)  
2 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 59300 Advanced Tax Accounting (NLA)

Analyzes the rules relating to gains and losses, partnerships, corporations, and gifts and estates. Demonstrate complex tax problems and solutions. Illustrates internal revenue code sections, treasury regulations, IRS rulings, and court decisions. Open to seniors with permission of the business graduate program director. Prerequisites: ACCT 49300. (Y)  
4 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 59800 Accounting Practicum (NLA)**

Emphasizes supervised work experience in audit, tax, and/or accounting in a C.P.A. firm, at various tax preparation sites, or in an organization where responsibilities include non-routine projects requiring analysis and decision making. Enhances development of professional skills. (IRR)

1-6 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)**

Simulates the practice of auditing using real-world situations as the foundation for technical and theoretical discussions of issues facing the modern auditor. Analyzes auditing communications through software.

Prerequisite: ACCT 40600. (Y)

2 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 & Fraud Law (NLA)**

Examines the rapidly evolving and increasingly relevant disciplines of forensic accounting fraud law. Explores the principles and methodology of forensic accounting, as well as fraud detection and deterrence, and provides an overview of the different phases of litigation in a fraud case. Connects motives and techniques used to perpetrate various fraud schemes to the internal controls available to detect and mitigate this behavior, and the legal proceedings that may ensue. Open to seniors with permission of the business graduate program director. (Y)

2 Credits

**BGRD 60800 Contemporary Issues in Accounting I (NLA)**

Explores current issues in accounting practice and research in preparation for individual research project in BGRD 62800: Contemporary Issues in Accounting II. (F)

2 Credits

**BGRD 60900 Entrepreneurship for the Entertainment Industry (NLA)**

Cover the theoretical frameworks and practical approaches to entrepreneurship. Focus on the different stages of the entrepreneurial process, including business model generation and initial testing of ideas for new ventures, and enables students to examine these within the context of the media and entertainment industry. (S,Y)

2 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 Concept Planning in Audio, Video & Live Events (NLA)**

Students develop creative concepts for entertainment projects in audio, video, and live events, collaborating with partners such as the Ithaca College School of Music, Theater, and Dance; Ithaca College Park Productions; The State Theater; and DSP Productions. Apply their vision of project to identify target audiences, evaluate the feasibility of the scope, and create "elevator pitches" for funding. As student managers of South Hill Entertainment, a multifaceted audio and video production company owned by Ithaca College, the cohort evaluates and makes recommendations on which proposals should be "greenlighted" for future semester production. (F)

4 Credits

**BGRD 61200 Practicum II, Management & Practice (NLA)**

Continued management South Hill Entertainment, a multifaceted audio and video production company owned by Ithaca College. Student teams do pre-production planning for spring semester productions. Plans include team management and operations structure, team communications, project management, artist relations, budgets, vendor selection, partner agreements, marketing, and distribution. Students attend industry conferences and networking events to enhance professional development. (W,Y)

2 Credits

**BGRD 61300 Practicum III, Production & Market Release (NLA)**

Continued management of South Hill Entertainment, a multifaceted audio and video production company owned by Ithaca College. Projects go live this semester; student teams collaborate with external partners to produce, market, and distribute music, audio, and video projects. Students manage external sub-contract vendors, artists relations, budgets, production schedules, event schedules, marketing, and distribution plans. Student teams establish and analyze performance metrics. (S)

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)**

Studies the art and science of securing agreements between two or more interdependent parties. Understanding the behavior and relationships of individuals, groups, and organizations in the context of cooperative and competitive situations. Building a negotiation skill set that can be used in a broad array of organizational situations and personal life. Experiential application of negotiation skills and analytic frameworks to create optimal solutions to problems. (S,Y)

2 Credits

**BGRD 61700 Business Analytics (NLA)**

Develop technology and quantitative skills, knowledge, and the proper use of analytical decision-making methods in the entertainment business environment. Topics include managing big data, descriptive analytics, predictive analytics, and prescriptive analytics. (F,Y)

4 Credits

**BGRD 61800 Organizational Structure, Processes, & Leadership (NLA)**

Investigates the impact of individuals, groups, and organizational structure on people's behavior for the purpose of improving firm effectiveness. 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. (S,Y)

2 Credits

**BGRD 62100 Global Dimensions of the Entertainment and Media Industries (NLA)**

Provides framework for understanding the entertainment industry at a global level. 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)

2 Credits

**BGRD 62200 Finance & Economics in the Entertainment Industry (NLA)**

Focuses on economic issues and financial decision-making tools with an emphasis on the entertainment industry. Broadly introduces the macro- and microeconomics 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. Continues with 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)

4 Credits

**BGRD 62500 Accounting for the Entertainment Industry (NLA)**

Use accounting information for planning and control decisions in a global, competitive environment, and emphasizes the application of accounting concepts and analytical skills. Where appropriate, incorporate financial statement analysis or ratio analysis to facilitate a deeper understanding of the material. Designed for students who have minimal previous training or experience in accounting. (F)

2 Credits

**BGRD 62600 Legal Environment of the Entertainment & Media Industries (NLA)**

Introduces the multitude of legal considerations specific to the entertainment and media industries. #Assess and discuss a diverse set of case studies that address copyright law, trademark law, industry contracts, publicity rights, compensation, and project finance. #Special emphasis is placed on copyright and trademark law in the digital age. (S,Y)

2 Credits

**BGRD 62800 Contemporary Issues in Accounting II (NLA)**

Explores current issues in accounting practice and research allowing for completion of individual research project. Continues with development of research projects initiated in BGRD 60800: Contemporary Issues in Accounting I. Prerequisites: BGRD 60800. (S)

2 Credits

**BGRD 63200 Corporate Financial Management (NLA)**

Illustrates theories of financial management with business applications through case analysis and use of spreadsheet software. Demonstrates financial theories underlying risks and return, capital structure and cost of capital, optimal capital budget, short- and long-term financing decisions, mergers and acquisitions, leasing, and dividend policy. Prerequisites: FINA 32100. (F,Y)

4 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)**

Project-based course to hone the business development, entrepreneurial, negotiation, accounting, finance, and management skills acquired over the course of the MBA EM program. Focuses on the business and managerial aspects rather than creative, content production, or operational side. (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)**

Introduces the provisions of Subchapter K. Definitional aspects of partnerships and other taxable entities and tax consequences incident to formation of a partnership. Overviews operational aspects, including selection of a taxable year, determination of the partners' distributive share and allocations, and consequences of termination of the partnership. Summarizes transactions between controlled partnerships and between a partner and the partnership, including guaranteed payments. Open to seniors with permission of the business graduate program director. (S)

2 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 66300 Accounting Analytics (NLA)**

Illustrates critical thinking skills in data analytics models. Articulates use of leading-edge software to define problems, display alternatives, and reach conclusions. Prerequisites: MGMT 26000. (S)

2 Credits

**BGRD 66400 Accounting Information Systems (NLA)**

Demonstrates analysis and design of computer-based accounting information systems. Illustrates flow charting, data security, systems development, program architecture, and management of the implementation process. Develops computer applications and formulate decision information for managerial uses. Prerequisites: ACCT 40600. (S)

4 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 6 credits 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 15 credits in graduate business and permission of the M.B.A. program director. (F,S)

1-3 Credits

# Entertainment and Media Management - MBA

## Degree Requirements

Code	Title	Credits
BGRD 57900	The Business of Entertainment	2
BGRD 60900	Entrepreneurship for the Entertainment Industry	2
BGRD 61100	Practicum I: Production Concept Planning in Audio, Video & Live Events	4
BGRD 61200	Practicum II, Management & Practice	2
BGRD 61300	Practicum III, Production & Market Release	2
BGRD 61600	Negotiations for Entertainment & Media Industries	2
BGRD 61700	Business Analytics	4
BGRD 61800	Organizational Structure, Processes, & Leadership	2
BGRD 62100	Global Dimensions of the Entertainment and Media Industries	2
BGRD 62200	Finance & Economics in the Entertainment Industry	4
BGRD 62500	Accounting for the Entertainment Industry	2
BGRD 62600	Legal Environment of the Entertainment & Media Industries	2
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
<b>Total Credits</b>		<b>36</b>

## Accounting (M.S.)

The curriculum is a rigorous plan to advance students' knowledge of accounting, auditing, information systems, analytics, and taxation. It builds on an undergraduate foundation in these topics and uses technology and mathematics to help students understand how to create and use information for decision making.

## Degree Requirements

Code	Title	Credits
BGRD 50300	Governmental and Nonprofit Accounting	2
BGRD 50400	Advanced Financial Reporting	4
BGRD 59300	Course BGRD 59300 Not Found (Advanced Tax Accounting)	4
BGRD 60200	Advanced Auditing & Research	2
BGRD 60800	Contemporary Issues in Accounting	2
BGRD 66300 ACC	Course BGRD 66300 ACCOUNTING ANALYTICS Not Found	2
BGRD 62800	Course BGRD 62800 Not Found (Contemporary Issues in Accounting II)	2
BGRD 63200	Corporate Financial Management	4

BGRD 66400	Course BGRD 66400 Not Found (Accounting Information Systems)	4
Select four credits of electives from the following:		4
BGRD 60700	Forensic Accounting	
BGRD 61600	Negotiations for Entertainment & Media Industries	
BGRD 62100	Global Dimensions of the Entertainment and Media Industries	
BGRD 63400	Marketing in a Digital World I	
BGRD 63500	Marketing in a Digital World II	
BGRD 65400	Taxation of Partnerships and Partners	
BGRD 59800	Accounting Information Systems PRACTICUM Not Found	
Total Credits		30

## Education

**Sara Levy, Associate Professor and Chair of Graduate Programs and Department Chairperson**

**Glen Robinson, Teacher Education Certification Specialist**

The School of Humanities and Sciences offers four 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, a master of arts in teaching (M.A.T.) in art 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 and art 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 four 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), art 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 11-12 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 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. Students admitted to the graduate programs in education with outstanding requirements must complete those requirements by the date stipulated in the letter of admission.
2. 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.
3. 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.

4. 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. 651).

## 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. 713)
- M.A.T. in Agriculture Education (p. 714)
- M.A.T. In Art Education (p. 714)
- M.A.T. in Computer Science Education (p. 715)
- M.S. in Childhood Education (p. 716)
- M.A.T. in Adolescence Education Transitional B Pathway (p. 716)
- M.A.T. in Agriculture Education Transitional B Pathway (p. 717)
- M.A.T. in Art Education Transitional B Pathway (p. 717)
- M.A.T. in Computer Science Education Transitional B Pathway (p. 718)
- M.S. in Childhood Education Transitional B Pathway (p. 718)

### 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,FY)

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 50700 Advanced Content Knowledge in the Discipline (NLA)

Identifies and addresses gaps in teacher candidates' content knowledge in their respective disciplines and provides them with resources and approaches for assessing and updating their knowledge as the secondary curriculum evolves. Guides students in exploring how central topics in their content area connect with particular pedagogical approaches. Course is repeatable for a maximum of six credits. Permission of Instructor. (U,Y)

Attributes: U,Y  
3 Credits

### EDUC 50800 Assessment in the Disciplines (NLA)

Prepares secondary teacher candidates to design, implement, and analyze classroom assessments in their discipline. Teacher candidates are introduced to different approaches to formative and summative assessment, understanding purposes and limitations of both quantitative and qualitative assessment constructs, as well as how to communicate about assessment results with their students and use findings to inform their ongoing instructional planning. Permission of instructor. (FY)

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. 3 credits.

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 51410 Pedagogy and Practice for the Art Teacher (NLA)**

Examination of current research and practice in the effective teaching of art at the elementary, middle and high school levels. Focus on national and state standards in art, 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 art curriculum. Introduction to professional organizations, journals, and resources. Field experience required. (F)

3 Credits

**EDUC 51610 Pedagogy and Practice for the Computer Science Teacher (NLA)**

Examines current research and practice in the effective teaching of computer science at the elementary, middle and high school levels. Focuses on national and state standards in computer science, 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 computer science curriculum. Introduction to professional organizations, journals, and resources. Field experience required. Permission of instructor required. (F)

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,U,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,U,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,U,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 the elementary, middle, and/or high school levels, as appropriate to the certification program in which the teacher candidate is enrolled. Additional coursework may not be taken without permission of department chair and coordinator of teacher education. Prerequisites: EDUC 60500. (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. 3 credits. (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.

For additional information on policies and requirements for the program, please see the *Education Department Overview page*.

Summary

Code	Title	Credits
Core education and pedagogy courses		27
Discipline courses		9
Total Credits		36

Degree Requirements

Code	Title	Credits
CORE EDUCATION AND PEDAGOGY 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	3
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 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
DISCIPLINE COURSES		
EDUC 50700	Advanced Content Knowledge in the Discipline (must be taken twice for a total of 6 credits)	6
EDUC 50800	Assessment in the Disciplines	3
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	
Total Credits		36

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		30
Discipline-specific courses		6

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	3
EDUC 50800	Assessment in the Disciplines	3
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 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 53800	Advanced Concepts in Agricultural Education	3
Total Credits		36

M.A.T. in Art Education

This program is designed for candidates seeking *initial* teaching certification in art education for grades K–12. The program includes a full professional semester of student teaching.

Summary

Code	Title	Credits
Core education and pedagogy courses		30
Discipline-specific courses		6
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 50800	Assessment in the Disciplines	3
EDUC 50810	Pedagogy and Practice across the Disciplines	3
EDUC 51210	Seminar in Reflective Practice	3
EDUC 51410	Pedagogy and Practice for the Art Teacher	3
EDUC 56600	Educational Technology for Middle and Secondary Educators	3
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 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
<b>DISCIPLINE-SPECIFIC COURSES</b>		
ART 59200	Studio Art Projects (must be taken two times)	6
<b>Total Credits</b>		<b>36</b>

## Additional Requirements

- Students admitted to the graduate programs in education with outstanding requirements must complete those requirements by the date stipulated in the letter of admission.
- 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.
- EDUC 60000 and EDUC 51210 constitute a full course load during the spring semester, when M.A.T. students complete their student teaching requirement. 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.
- 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.
- 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.

- 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:
  - Admission to the Professional Education Graduate Program,
  - Admission to Student Teaching,
  - Completion of Student Teaching, and
  - 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.
- The graduate chair must approve any exceptions to the above requirements.

## M.A.T. in Computer Science Education

This program is designed for candidates seeking *initial* teaching certification in Computer Science Education, grades K–12. The program includes a full professional semester of student teaching.

## Summary

Code	Title	Credits
Core education and pedagogy courses		30
Discipline-specific courses		6
<b>Total Credits</b>		<b>36</b>

## Degree Requirements

Code	Title	Credits
<b>CORE EDUCATION AND PEDAGOGY COURSES</b>		
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 50800	Assessment in the Disciplines	3
EDUC 50810	Pedagogy and Practice across the Disciplines	3
EDUC 51610	Pedagogy and Practice for the Computer Science Teacher	3
EDUC 51210	Seminar in Reflective Practice	3
EDUC 56600	Educational Technology for Middle and Secondary Educators	3
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 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
<b>DISCIPLINE-SPECIFIC COURSES</b>		
EDUC 50700	Advanced Content Knowledge in the Discipline (must be taken twice)	6
<b>Total Credits</b>		<b>36</b>

## 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.

### Additional Requirements

1. Students admitted to the graduate programs in education with outstanding requirements must complete those requirements by the date stipulated in the letter of admission.
2. 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.
3. 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. Continuation in a teacher education program is contingent upon the student successfully meeting the requirements of four transition-point 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.

For additional information on policies and requirements for the program, please see the [Education Department Overview page](#).

The graduate chair and the coordinator of teacher education in the area of certification must approve any exceptions to program policies or requirements.

## Summary

Code	Title	Credits
Required Education and Pedagogy Courses		36

## 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
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
<b>Total Credits</b>		<b>36</b>

## M.A.T. in Adolescence Education Transitional B Pathway

The M.A.T. in Adolescence Education Transitional B Pathway is designed for candidates seeking initial teacher certification in New York State who lack courses in teaching, but who possess a bachelors or masters degree with a major in the subject they plan to teach. 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. After completing the introductory pedagogical component through a rigorous summer term, candidates in this pathway are eligible to be employed as full-time certified teachers of record in NYS public schools.

## Summary

Code	Title	Credits
Core education and pedagogy courses		27
Discipline courses		9
<b>Total Credits</b>		<b>36</b>

## Degree Requirements

Code	Title	Credits
<b>CORE EDUCATION AND PEDAGOGY COURSES</b>		
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	3
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 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
DISCIPLINE COURSES		
EDUC 50700	Advanced Content Knowledge in the Discipline (must be taken twice for a total of 6 credits)	6
EDUC 50800	Assessment in the Disciplines	3
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	
Total Credits		36

## M.A.T. in Agriculture Education Transitional B Pathway

The M.A.T.in Agricultural Education Transitional B Pathway is designed for candidates seeking initial teacher certification in New York State who lack courses in teaching, but who possess a bachelors or masters degree with a major in the subject they plan to teach.This program is designed for candidates seeking initial teaching certification in Agriculture Education, grades K–12.After completing the introductory pedagogical component through a rigorous summer term, candidates in this pathway are eligible to be employed as full-time certified teachers of record in NYS public schools.

### Summary

Code	Title	Credits
Core education and pedagogy courses		30
Discipline-specific courses		6
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	3
EDUC 50800	Assessment in the Disciplines	3
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 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 53800	Advanced Concepts in Agricultural Education	3
Total Credits		36

## M.A.T. in Art Education Transitional B Pathway

The M.A.T. in Art Education Transitional B Pathway is designed for candidates seeking initial teacher certification in New York State who lack courses in teaching, but who possess a bachelors or masters degree with a major in the subject they plan to teach. This program is designed for candidates seeking initial teaching certification in Art Education, grades K–12. After completing the introductory pedagogical component through a rigorous summer term, candidates in this pathway are eligible to be employed as full-time certified teachers of record in NYS public schools.

### Summary

Code	Title	Credits
Core education and pedagogy courses		30
Discipline-specific courses		6
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 50800	Assessment in the Disciplines	3
EDUC 50810	Pedagogy and Practice across the Disciplines	3

EDUC 51210	Seminar in Reflective Practice	3
EDUC 51410	Pedagogy and Practice for the Art Teacher	3
EDUC 56600	Educational Technology for Middle and Secondary Educators	3
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 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
<b>DISCIPLINE-SPECIFIC COURSES</b>		
ART 59200	Studio Art Projects (must be taken two times)	6
<b>Total Credits</b>		<b>36</b>

## M.A.T. in Computer Science Education Transitional B Pathway

The M.A.T. in Computer Science Education Transitional B Pathway is designed for candidates seeking initial teacher certification in New York State who lack courses in teaching, but who possess a bachelors or masters degree with a major in the subject they plan to teach. This program is designed for candidates seeking initial teaching certification in Computer Science Education, grades K–12. After completing the introductory pedagogical component through a rigorous summer term, candidates in this pathway are eligible to be employed as full-time certified teachers of record in NYS public schools.

### Summary

Code	Title	Credits
Core education and pedagogy courses		30
Discipline-specific courses		6
<b>Total Credits</b>		<b>36</b>

### Degree Requirements

Code	Title	Credits
<b>CORE EDUCATION AND PEDAGOGY COURSES</b>		
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 50800	Assessment in the Disciplines	3
EDUC 50810	Pedagogy and Practice across the Disciplines	3
EDUC 51610	Pedagogy and Practice for the Computer Science Teacher	3
EDUC 51210	Seminar in Reflective Practice	3
EDUC 56600	Educational Technology for Middle and Secondary Educators	3
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 19230	School Violence Prevention	0
EDUC 19240	Harassment, Bullying, and Discrimination in Schools: Prevention and Intervention	0
<b>DISCIPLINE-SPECIFIC COURSES</b>		
EDUC 50700	Advanced Content Knowledge in the Discipline (must be taken twice)	6
<b>Total Credits</b>		<b>36</b>

## M.S. in Childhood Education Transitional B Pathway

The M.S. in Childhood Education Transitional B Pathway is designed for candidates seeking initial teacher certification in New York State who lack courses in teaching, but who possess a bachelors or masters degree with a major in the subject they plan to teach. This program is designed for candidates seeking initial teaching certification in Childhood Education, grades 1-6. After completing the introductory pedagogical component through a rigorous summer term, candidates in this pathway are eligible to be employed as full-time certified teachers of record in NYS public schools.

### Summary

Code	Title	Credits
Required Education and Pedagogy Courses		36
<b>Total Credits</b>		<b>36</b>

### 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



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
Total Credits		36

# Exercise Science and Athletic Training

**Jennifer McKeon**, Associate Professor and Athletic Training Program Director

**Deborah King**, Professor and Graduate Exercise and Sport Sciences Program Chairperson

## Exercise Science Pre-Athletic Training B.S./M.S.

Ithaca College offers an accelerated, combined B.S./M.S. in a 5-year dual degree program. This curriculum results in students earning the B.S. in Exercise Science, Pre-Athletic Training and the M.S. in Athletic Training. Students who intend to become certified athletic trainers (ATC) enter Ithaca College as majors in the B.S. in Exercise Science - Pre-Athletic Training curriculum. During the 4th year, students matriculate into the M.S. in Athletic Training program. The B.S. Exercise Science - Pre-Athletic Training Program is the sole entry point into the five-year professional program. Graduates of the dual degree program will be eligible to sit for the national Board of Certification for the Athletic Trainer examination and to apply for professional licensure.

*The following degrees are combined to comprise the 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 both undergraduate coursework and graduate-level coursework. Completion of the Exercise Science - Pre-Athletic Training (B.S.) alone *does not* provide eligibility for certification as an athletic trainer.

### M.S., ATHLETIC TRAINING (GRADUATE/PROFESSIONAL)

During the fourth year of study, students enter the professional phase (M.S. Athletic Training curriculum). Coursework will continue through year 5, consisting of summer, fall and spring semesters, including the completion of a clinical research project. In the spring of the 5th year, students will complete a 5-week clinical immersion experience. Students who complete both the undergraduate (B.S. Exercise Science - Pre-Athletic Training) and graduate (M.S. Athletic Training) curricula will be eligible to sit for the national Board of Certification for the Athletic Trainer examination and to apply for professional licensure.

- 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).
- 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).
- Overall, cumulative G.P.A. greater than or equal to 3.0
- Grades of C- or greater in the following courses: EXSS 12000, EXSS 12100, EXSS 22000, EXSS 24600, EXSS 30600, EXSS 10300, PSYC 10300
  - 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.

## 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 email the chair of the program (essg@ithaca.edu).

## 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 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. Occasionally, a graduate assistantship in coaching may be available. 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. 726)
- Exercise and Sport Sciences, Human Performance - M.S. (p. 726)
- Exercise and Sport Sciences, Mental Performance - M.S. (p. 727)

### ATEG 50100 Connective Tissues (NLA)

Introduces the properties of all connective tissue as related to musculoskeletal injuries by examining the foundational anatomical, mechanical, and physiological principles essential to clinical practice and future expertise in risk reduction, diagnosis, and intervention for musculoskeletal injuries. Covers the pathoanatomy and pathomechanics of tissue injury, microdamage and macrodamage, pain and pain modulation, the healing response and tissue adaptation, and factors that influence the healing process, including magnitude & frequency of loading, force application, time, health status, age, overtraining, and other relevant determinants. (F,Y)

3 Credits

### ATEG 50200 Acute Care and Emergency Management (NLA)

Describes the appropriate assessment and intervention for acute care and emergency situations in the athletic setting, such as cardiac arrest, concussion, spinal injury, heat illness, and other athletic-related trauma. Presents methods of risk reduction for emergent injuries and illnesses. Examines the epidemiology and etiology of emergent injuries and illnesses. (S,Y)

4 Credits

### ATEG 50300 Clinical Anatomy (NLA)

Examines human anatomy with an emphasis on neuromusculoskeletal system structure and function. Introduces common injuries associated with physical activity through a combined examination of normal and abnormal anatomy and mechanics. (F,Y)

3 Credits

### ATEG 50400 Professional Practice in Athletic Training (NLA)

Introduces the athletic training professional practice, including athletic training policies and procedures. Demonstrates standard documentation procedures, including use of electronic medical records. Instructs on effective communication in health care. Provides skill practice and application of injury treatment, such as taping and wrapping. (F,Y)

3 Credits

### ATEG 50500 Athletic Training Practicum I (NLA)

Practical experience in a clinical setting under the supervision of an approved preceptor. Apply clinical skills acquired in didactic courses to a patient population. Introduces the Core Competencies and Practice Domains of athletic training. Enhance professionalization through direct interaction with various clinical professionals. The 1st of 4 athletic training practical courses. (F,Y)

3 Credits

### ATEG 50600 Assessment of Musculoskeletal Conditions (NLA)

Examines the etiology, pathology, process, diagnosis, and treatment of neuromusculoskeletal conditions and injuries. Emphasizes conditions that affect the physically active patient population. Prerequisites:

ATEG 50100. (F,Y)

4 Credits

### ATEG 50700 Assessment of General Medical Conditions (NLA)

Examines the etiology, pathology, process, diagnosis and treatment of diseases of the human body. Emphasizes disorders and conditions of the immune, cardiovascular, pulmonary, gastrointestinal, endocrine, renal, urogenital, and dermatological systems. Discusses the application of pharmacological interventions. Prerequisites: ATEG 50100. (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 Athletic Training Practicum II (NLA)**

Practical experience in a clinical setting under the supervision of an approved preceptor. Apply clinical skills acquired in didactic courses to a patient population. Reinforce the Core Competencies and Practice Domains of athletic training. Enhance professionalization through direct interaction with various clinical professionals. The 2nd of 4 athletic training practical courses. Prerequisites: ATEG 50500. (S,Y)

3 Credits

**ATEG 51100 Clinical Research in Athletic Training I (NLA)**

Prepares athletic training students to be clinician-scientists by addressing key elements of clinical research in athletic training. Introduces clinical research and the initial steps to conducting a clinical research project. Builds on foundational content from Evidence-Based Practice, Research Methods, and Statistics. Focuses on didactic instruction of clinical research and initiating a clinical research project (case report or critically appraised topic), including 1) developing a focused & answerable clinical question OR describing a clinical case, 2) conducting a systematic search of the scientific literature to answer the clinical question OR to develop the foundation background knowledge to describe the anatomical, mechanical, and physiological considerations that lead to a unique diagnosis or intervention. Part 1 of a 2-course Clinical Research in Athletic Training series. Prerequisites: ATEG 50100. (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 55000 Immersive Fieldwork in Athletic Training (NLA)**

Supervised immersive clinical experience. Provides opportunities to participate in the day-to-day and week-to-week role of an athletic trainer for a period of time identified by the preceptor. Permission of instructor required. (IRR,U,W)

1-3 Credits

**ATEG 60400 Health Care Delivery and Administration in Athletic Training (NLA)**

Addresses the organization and administration of health care delivery systems specific to athletic training. Emphasizes continual quality improvement, patient and clinical outcomes, payor systems and reimbursement, legal aspects, and operational management.

Prerequisites: ATEG 50400. (F,Y)

3 Credits

**ATEG 60500 Athletic Training Practicum III (NLA)**

Practical experience in a clinical setting under the supervision of an approved preceptor. Apply clinical skills acquired in didactic courses to a patient population. Reinforces the Core Competencies and Practice Domains of athletic training. Enhance professionalization through direct interaction with various clinical professionals. The 3rd of 4 athletic training practical courses. Prerequisites: ATEG 51000. (F,Y)

3 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 Athletic Training Practicum IV (NLA)**

Engage in practical experience in a clinical setting under the supervision of an approved preceptor. Apply clinical skills acquired in didactic courses to a patient population. Reinforces the Core Competencies and Practice Domains of athletic training. Enhance professionalization through direct interaction with various clinical professionals. Includes 5-week, full time clinical immersion rotation either on, or off campus. The 4th of 4 athletic training practical courses. Prerequisites: ATEG 60500. (S,Y)

6 Credits

**ATEG 61100 Clinical Research in Athletic Training II (NLA)**

Prepares athletic training students to be clinician-scientists by addressing key elements of clinical research in athletic training. Continues with the conduct of a clinical research project that was initiated in ATEG 51100: Clinical Research in Athletic Training I. Focuses on 1) critical appraisal of clinical research studies identified in systematic search, 2) extracting and synthesizing relevant data from the included studies, 3) interpreting and generating clinical recommendations from the results, and 4) generating products to disseminate results and interpretations. Part 2 of a 2-course Clinical Research in Athletic Training series. Prerequisites: ATEG 51100. (F,Y)

2 Credits

**ATEG 61500 Advanced Topics in Athletic Training (NLA)**

Emphasizes advanced evidence-based theory and techniques for injury mitigation and intervention in the physically active population. Addresses emerging trends in the profession. Prerequisites: ATEG 60500. (S,Y)

4 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. 2 credits. (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 and 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 Mental Performance Practicum (NLA)**

Provides and expands on the consulting experience of delivering mental training services in sport and exercise settings started in Theories and Practice of Performance Enhancement in Sport and Exercise. Emphasizes 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. Provides mentored/supervised experiences for individual and group (team) interventions. 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 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.

### Major Requirements

#### Degree Requirements

Code	Title	Credits
ATEG 50100	Connective Tissues	3
ATEG 50200	Acute Care and Emergency Management	4
ATEG 50300	Clinical Anatomy	3
ATEG 50400	Professional Practice in Athletic Training	3
ATEG 50500	Athletic Training Practicum I	3
ATEG 50600	Assessment of Musculoskeletal Conditions	4

ATEG 50700	Assessment of General Medical Conditions	4
ATEG 50800	Therapeutic Interventions in Athletic Training I	4
ATEG 51000	Athletic Training Practicum 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	Health Care Delivery and Administration in Athletic Training	3
ATEG 60500	Athletic Training Practicum III	3
ATEG 60800	Therapeutic Interventions in Athletic Training II	4
ATEG 61000	Athletic Training Practicum IV	6
ATEG 61100	Clinical Research in Athletic Training II	2
ATEG 61500	Advanced Topics in Athletic Training	4
<b>Total Credits</b>		<b>60</b>

Courses within the B.S. Exercise Pre-Athletic Training phase of the B.S./M.S. Program (p. 342)

## 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
	<b>Total Credits</b>	<b>30 or 36</b>

## Major Requirements

Code	Title	Credits
<b>Required Courses</b>		
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 <sup>1</sup>	0
	<b>Total Credits</b>	<b>18</b>

<sup>1</sup> Taken for 0 credits in both Fall and Spring semesters of the first year

## Thesis Option Requirements

Code	Title	Credits
<b>Thesis Option</b>		
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
	<b>Total Credits</b>	<b>12</b>

## Non-Thesis Option Requirements

Code	Title	Credits
<b>Non-Thesis Option</b>		
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
<b>Total Credits</b>	<b>18</b>

## 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
	<b>Total Credits</b>	<b>30 or 36</b>

## 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 <sup>1</sup>	0
<b>Total Credits</b>		<b>15</b>

<sup>1</sup> 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
<b>Total Credits</b>		<b>15</b>

## 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
<b>Total Credits</b>		<b>21</b>

### 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
<b>Total Credits</b>		<b>21</b>

# Music

## Graduate Study in Music

Luis Loubriel, *Chair of Graduate Studies and Curricular Advisor*

- lloubriel@ithaca.edu

The Graduate Music Education has temporarily suspended admission into the summer Music Education (M.M. or M.S.) program as the School of Music, Theatre, and Dance begins redesign its overall graduate curriculum.

The redesign of the graduate curriculum will reflect what the School of Music, Theatre, and Dance have learned during the pandemic pertaining to appropriate pedagogical approaches as well as the robust revisions we are making to the undergraduate music education degree program. The School of Music, Theatre, and Dance are excited by the opportunities these improvements will provide, and will remain committed to offering programming that prepares graduate students with advanced academics and best practices in contemporary teaching pedagogy.

For more information, please see the Graduate Music Education webpage. (<https://www.ithaca.edu/academics/school-music-theatre-and-dance/graduate-music-education-mm-or-ms/>)

# Occupational Therapy

Rita Daly, Chair of Graduate Studies

## Vision:

The Ithaca College Department of Occupational Therapy will lead the profession in developing engaged practitioners who meet the needs of a diverse society by facilitating access to health, wellbeing, and occupational participation for all.

## Mission:

The mission of the Department of Occupational Therapy is to prepare ethical practitioners who are lifelong learners, leaders, and advocates in the field of occupational therapy. We meet this mission by:

- Promoting the centrality of occupational participation to support health, quality of life, occupational justice, and resilience of individuals, communities and populations.
- Emphasizing theory and evidence driven practice and professional reasoning through experiential learning.
- Creating diverse and integrative learning experiences to develop breadth and depth of student perspectives.
- Fostering collaborative engagement in interprofessional scholarship and service that extends beyond campus to include local and global communities.
- Exploring traditional and emerging areas of knowledge and practice.

The Department of Occupational Therapy offers two entry points to meet this mission:

1. A five-year combined B.S./M.S. program (<https://catalog.ithaca.edu/graduate/occupational-therapy/#BS-MS>) or a six-year combined B.S./O.T.D. program (<https://catalog.ithaca.edu/graduate/occupational-therapy/occupational-therapy-bsotd-program/>)
2. A professional entry-level M.S. program (<https://catalog.ithaca.edu/graduate/occupational-therapy/#Entry>) or a professional entry-level O.T.D. program

*Note: Students admitted to the Fall 2024 undergraduate catalog and beyond will have a choice to pursue the MS or OTD program. Questions regarding this choice should be directed to the Chair of Graduate Studies.*

The occupational therapy program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 7501 Wisconsin Avenue, Suite 501E, Bethesda, MD 20814. Contact the AOTA's Accreditation Staff at (301) 652-6611 x2042 or at [www.accred@aota.org](mailto:www.accred@aota.org) (<http://www.accred@aota.org/>) for more information.

Graduates of the 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](http://www.nbcot.org))

(<http://www.nbcot.org/>) and the American Occupational Association ([www.aota.org](http://www.aota.org/) (<http://www.aota.org/>)).

## ACADEMIC STANDARDS

**Combined B.S./M.S.** Students must earn a C or better in required courses. A student who fails to complete a required course with a grade of C or better must repeat the course for it to count toward the completion of the M.S. degree. This may delay progression in the program and result in additional tuition or fees. Combined B.S./M.S. students who fail to meet these standards in any semester will be placed on program academic warning. Students on college and/or program academic warning must earn a semester and cumulative GPA of 3.00 or higher to be removed from program academic warning. Students on college and/or program academic warning for any two semesters during the graduate program will be dismissed from the program.

**Professional entry-level** students must earn a C or better in required courses. A student who fails to complete a required course with a grade of C or better must repeat the course for it to count toward the completion of the M.S. degree. This may delay progression in the program and result in additional tuition or fees. Professional entry-level students who fail to meet these standards in any semester will be placed on program academic warning. Students on college and/or program academic warning must earn a semester and cumulative GPA of 3.00 or higher to be removed from program academic warning. Students on college and/or program academic warning for any two semesters during the graduate program will be dismissed from the program.

**Combined B.S./OTD** Students must earn a C or better in required courses. A student who fails to complete a required course with a grade of C or better must repeat the course for it to count toward the completion of the OTD degree. This may delay progression in the program and result in additional tuition or fees. Combined B.S./OTD students who fail to meet these standards in any semester will be placed on program academic warning. Students on college and/or program academic warning must earn a semester and cumulative GPA of 3.00 or higher to be removed from program academic warning. Students on college and/or program academic warning for any two semesters during the graduate program will be dismissed from the program.

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

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 24 weeks of required 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 an optional specialty placement 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 a required 40 credits of graduate courses, both on campus in Ithaca and at clinical fieldwork sites across the country. Graduate students may also take an optional four credits of specialty fieldwork or an elective internship. 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 thecombined B.S./M.S. degree#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 (<https://catalog.ithaca.edu/graduate/occupational-therapy/occupational-therapy-bsms-program/>) 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 (<https://catalog.ithaca.edu/search/?P=OTMS%2067100>) and OTMS 67120 (<https://catalog.ithaca.edu/search/?P=OTMS%2067120>).

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 (<https://catalog.ithaca.edu/search/?P=OTMS%2067200>) and OTMS 67300 (<https://catalog.ithaca.edu/search/?P=OTMS%2067300>).

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.

## Professional Entry Level M.S. Program (<https://catalog.ithaca.edu/graduate/occupational-therapy/occupational-therapy-bsms-program/>)

**Professional entry-level M.S.**#students take a required 86 credits of graduate courses, both on campus in Ithaca and at clinical fieldwork

sites across the country. Graduate students may also take an optional four credits of specialty fieldwork or an elective internship. 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 experiences are typically scheduled for the summer following the first graduate year (12 weeks), in the late spring (12 weeks) after their final semester on campus, and an optional specialty placement in the summer following the late spring placement (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 theprofessional entry-level degree#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 (<https://catalog.ithaca.edu/graduate/occupational-therapy/occupational-therapy-professional-entry-level-ms-program/>) section of the academic catalog.

### ADMISSION

Applications are available online through the#Occupational Therapist Centralized Application Service (OTCAS). Applications are accepted and reviewed on a rolling basis, with the final application deadline of March 31st, 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.

## Combined B.S./O.T.D. Program

### Vision:

The Ithaca College Department of Occupational Therapy will lead the profession in developing engaged practitioners who meet the needs of a diverse society by facilitating access to health, well-being, and occupational participation for all.

### Mission:

The mission of the Ithaca College Occupational Therapy program is to prepare ethical practitioners who are lifelong learners, leaders, and advocates in the field of occupational therapy. We meet this mission by:

- Promoting the centrality of occupational participation to support health, quality of life, occupational justice, and resilience of individuals, communities and populations.
- Emphasizing theory and evidence driven practice and professional reasoning through experiential learning.
- Creating diverse and integrative learning experiences to develop breadth and depth of student perspectives.
- Fostering collaborative engagement in interprofessional scholarship and service that extends beyond campus to include local and global communities.
- Exploring traditional and emerging areas of knowledge and practice

The Department of Occupational Therapy offers a six-year combined B.S./O.T.D. program to meet this mission:

The **combined B.S./O.T.D. program** is designed for students who enter Ithaca College as undergraduates and progress through the curriculum to earn an entry-level doctoral degree. Graduate students in this program are admitted only from the Ithaca College undergraduate occupational science major, which is designed to provide a strong foundation in the liberal arts, sciences, and humanities, and is described in the Ithaca College undergraduate catalog. Combined B.S./O.T.D. students take a total of 120 credits to earn the B.S. degree and 58 credits to earn their O.T.D. degree through didactic coursework, fieldwork (24 weeks full time), and a doctoral capstone experience (14 weeks/540 hours).

Graduates of the doctoral degree program are eligible to take the national certification examination administered by the National Board for Certification in Occupational Therapy (NBCOT) upon completion of their degree. The graduate is considered a registered occupational therapist, or OTR, after successfully passing the NBCOT exam. National certification and professional licensure is 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 and the American Occupational Therapy Association (AOTA).

The entry-level occupational therapy doctoral degree program has applied for accreditation and has been granted Candidacy Status 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. ACOTE's telephone number c/o AOTA is (301) 652-AOTA and its web address is [www.acoteonline.org](http://www.acoteonline.org). The program must have a

preaccreditation review, complete an on-site evaluation, and be granted Accreditation Status before its graduates will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). In addition, all states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. Note that a felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

Students must review and sign the Occupational Therapy Technical Standards annually to demonstrate that they are aware of the skills, abilities, and behavioral characteristics required to successfully complete the Department's academic programs. Technical standards in occupational therapy include the areas of: (1) acquiring fundamental knowledge; (2) developing communication skills; (3) interpreting data and clinical information; (4) integrating knowledge to establish clinical judgment; and (5) developing appropriate professional behaviors and attitudes. <https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/occupational-therapy/technical-standards>

## Admission Requirements

### Combined B.S./O.T.D.

Admission requirements for the graduate portion of the combined B.S./O.T.D. program includes a B.S. in occupational science from Ithaca College, with a cumulative GPA of 3.00 or higher.

## Academic Standards

Occupational therapy graduate students (students in their fifth and sixth years for combined B.S./O.T.D. students) are expected to maintain a GPA of 3.00 or higher during their graduate studies.

**Good Academic Standing:** In alignment with college-wide policies stated in the Graduate Catalog, 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.

### Course Grade Requirements:

Students are expected to earn a C or better in all graduate level courses. In the event a student desires to repeat a course for grade replacement, they should follow the college guidelines for *Repeating a Course*. Per the college-wide policy, graduate students earning more than 3 credits of "F" are subject to dismissal.

### Fieldwork and Doctoral Capstone Experience Requirements:

Occupational therapy graduate students are expected to meet fieldwork and doctoral capstone experience requirements to achieve a "S" (satisfactory) for each course. If a student receives a grade of "U" (unsatisfactory) for a Level II fieldwork or a Doctoral Capstone experience, they are permitted one make-up experience to demonstrate competency. The student must complete a remediation process developed in conjunction with a representative from the occupational therapy program before they are allowed to repeat the fieldwork or doctoral capstone experience. No student will be permitted to repeat a Level II fieldwork or the Doctoral Capstone Experience course more than once.

**Professional behaviors:** Students are evaluated on professional behaviors using departmental procedures and standards. If a student has

documented professional behavior concern(s), they will be placed on academic warning and a remediation plan with a timeline will be put in place.

### Program Warning and Dismissal

A student who fails to meet any of the minimum requirements stated above may be placed on program warning, suspension, or dismissed from the program. 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 consecutive semester; should a new violation occur the student will be dismissed from the program.

Graduate occupational therapy students will be placed on **program warning** if any of the following occur:

1. A student earns less than a 3.00 semester GPA per the college-wide standard;
2. A student has documented professional behavior concern(s);
3. A student receives a grade of "U" for a Level II fieldwork or Doctoral Capstone Experience course.

Graduate occupational students will be **dismissed** from the program if any of the following occur:

1. A student on program warning violates the aforementioned departmental criteria for good standing in any subsequent semester;
2. A student receiving more than 3 credits of "F" during the program;
3. A student has a documented professional behavior concern(s) that has not been resolved within the specified timeframe;
4. A student receives a "U" (Unsatisfactory) grade on a make-up Level II fieldwork or Doctoral Capstone Experience
5. A student violates the American Occupational Therapy Association's code of ethics.

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 fieldwork 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.

### Fieldwork and Doctoral Capstone Experience

Fieldwork is an essential part of professional training and is required of all occupational therapy students. Students are assigned Level II fieldwork and Doctoral Capstone Experience sites locally, and at locations around the United States, based on a combination of student interest, setting type, and site availability. Students are responsible for

all fieldwork site related expenses such as health requirements, background checks, and/or drug screenings. Students arrange their own housing and travel for fieldwork experiences.

Level II fieldworks and the Doctoral Capstone Experience are standalone courses in the graduate program and tuition is billed to the student. For more information on student expenses, see "Graduate Occupational Therapy" costs under "Graduate Tuition & Fees" on the Tuition and Financial Aid website. **The doctoral capstone experience must be started after completion of all coursework and Level II fieldwork as well as completion of preparatory activities defined in the relevant ACOTE standard.** Students must complete all Level II fieldwork and Doctoral Capstone Experience requirements within 30 months from the completion of the academic portion of the curriculum. Students who fail to complete Level II fieldwork and the Doctoral Capstone Experience within this time frame are subject to dismissal from the program.

## Majors

- Occupational Therapy B.S./M.S. Program (p. 737)
- Occupational Therapy Professional Entry-Level M.S. Program (p. 737)
- Occupational Therapy B.S./O.T.D. Program (p. 738)

### 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. 3 credits. (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 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 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 64600 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 (NLA)**

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 68500 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 Occupational Therapy in Early Intervention (NLA)**

A study of the impact of biological, psychological, and sociocultural factors on the occupational development of young children with disabilities. Practice skills in assessment and family-centered intervention for infants and toddlers with disabilities and their families. (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

## Occupational Therapy B.S./M.S. Program

For more information, please visit the Occupational Therapy Department catalog page (p. 730).

During the third year of study in the OTBS degree program students will choose which path of graduate work to pursue, the BS/OTD or the BS/MS.

Following successful completion of the five-year BS/MS degree students will be eligible to sit for the national board exam, the NBCOT.

## Major Department Requirements

Code	Title	Credits
<b>Required Courses</b>		
OTGR 61700	Course OTGR 61700 Not Found	3
OTMS 60200	Course OTMS 60200 Not Found	3
OTGR 61600	Course OTGR 61600 Not Found	3
OTGR 60600	Course OTGR 60600 Not Found	3
OTGR 61500	Course OTGR 61500 Not Found	3
OTMS 60300 LEADERSHIP AND PROFESSIONAL ADVANCEMENT	Found	3
OTMS 60400 EVIDENCE IN OT II	Not Found	3
OTGR 60100	Course OTGR 60100 Not Found	2
<b>Clinical Fieldwork Courses:</b>		
OTGR 62000	Course OTGR 62000 Not Found	6
OTGR 62100 FIELDWORK LEVEL IIB	Not Found	6
<b>Total Credits</b>		<b>35</b>

<sup>1</sup> 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 two 12-week 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. 730).

## Major Department Requirements

Code	Title	Credits
<b>Major Department Requirements</b>		
OTGR 50200	Course OTGR 50200 Not Found	3
OTGR 50300 OCCUPATIONAL THERAPY SYSTEMS OF PRACTICE	Found	3
OTGR 50400	Course OTGR 50400 Not Found	4
OTGR 50800	Course OTGR 50800 Not Found	4
OTGR 51000	Course OTGR 51000 Not Found	3
OTGR 51400	Course OTGR 51400 Not Found	4
OTGR 51600 OCCUPATIONAL THERAPY THEORY AND PRACTICE	Found	3
OTGR 50700 CONCEPTS IN PEDIATRIC OT	Not Found	4
OTGR 50900	Course OTGR 50900 Not Found	1
OTGR 50100	Course OTGR 50100 Not Found	2
OTGR 51700	Course OTGR 51700 Not Found	4
OTMS 51100	Course OTMS 51100 Not Found	3
OTGR 50600 CONCEPTS IN ADULT OCCUPATIONAL THERAPY	Found	4
OTGR 51800	Course OTGR 51800 Not Found	1
OTGR 51900 MODALITIES, ORTHOSES, AND PROSTHESES	Found	1
OTGR 50500	Course OTGR 50500 Not Found	3
OTGR 61700	Course OTGR 61700 Not Found	3
OTMS 60200	Course OTMS 60200 Not Found	3
OTGR 61600	Course OTGR 61600 Not Found	3
OTGR 60600	Course OTGR 60600 Not Found	3
OTGR 61500	Course OTGR 61500 Not Found	3
OTMS 60300 LEADERSHIP AND PROFESSIONAL ADVANCEMENT	Found	3
OTMS 60400 EVIDENCE IN OT II	Not Found	3
OTGR 60100	Course OTGR 60100 Not Found	2
<b>Clinical Fieldwork Courses</b>		

OTGR 62000 & OTGR 62100	Course OTGR 62000 Not Found and Course OTGR 62100 Not Found	12
<b>Total Credits</b>		<b>82</b>

## Clinical Fieldwork

Clinical fieldwork is an essential part of professional training, and students must complete two 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 B.S./O.T.D. Program

This is the graduate portion of the six year B.S./O.T.D. program. See undergraduate catalog (<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fnextcatalog.ithaca.edu%2Fundergrad%2Fschoools%2Fschool-health-sciences-human-performance%2Fdepartment-occupational-therapy%2F&data=05%7C01%7Csgamarra%40ithaca.edu%7C9453b103a7d946494d9a08db7719f08c%7Cfa1ac8f65e5448579f0b4aa422c09689%7C0%7C0%7C638234725526823270%7CUnknown%7CTWFpbGZsb3d8eyJWljoImCM4wLjAwMDAiLCJQIjoIY2luMzliLCJBTiI6IkhWwIiLCJXVCi6Mn0%3D%7C3000%7C%7C&sdata=y%2BQ6iY5D9G7sfki0HDIrYvkVeUM5WtWTGuGpZkhTGF4%3D&reserved=0>) for more information.

Code	Title	Credits
<b>MAJOR REQUIREMENTS</b>		
OTGR 61700	Course OTGR 61700 Not Found	3
OTDR 60200	Course OTDR 60200 Not Found	3
OTGR 61600	Course OTGR 61600 Not Found	3
OTGR 60600	Course OTGR 60600 Not Found	3
OTGR 61500	Course OTGR 61500 Not Found	3
OTDR 60300	Course OTDR 60300 Not Found	3
OTDR 60400	Course OTDR 60400 Not Found	3
Select one of the following:		3
OTDR 61100	Applied Adult Practice	
OTDR 61200	Applied Pediatric Practice	
OTDR 61300	Evidence in Occupational Therapy III	3
OTDR 61500	Advanced Topics in Occupational Therapy	2

OTGR 60100	Course OTGR 60100 Not Found	2
<b>Fieldwork Courses</b>		
OTGR 62000	Course OTGR 62000 Not Found	6
OTGR 62100 FIELDWORK LEVEL IIB	OTGR 62100 FIELDWORK LEVEL IIB Not Found	6
<b>Doctoral Capstone Requirements</b>		
OTDR 63100	Capstone Project I	3
OTDR 63200	Capstone Project II	3
OTDR 63300	Doctoral Experiential Component	6
<b>Total Credits</b>		<b>55</b>

# Physical Therapy

**Laura Z. Gras**, Professor, Department Chairperson, Graduate Chairperson and Program Director

**Karen V. Lomond**, Associate Professor, and Associate Department Chairperson

The mission of Ithaca College's Physical Therapy Program is to graduate physical therapists prepared for autonomous, interprofessional practice who provide compassionate, evidence-based, ethical, legal, and culturally sensitive care to maximize the function, health and wellness of their patients, clients, and society. Our program promotes APTA Core Values along with a commitment to diversity, equity, and inclusion that prepares graduates to become life-long learners.

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

1. Six-year dual degree program in clinical health studies and physical therapy (B.S./D.P.T):
  - a. Students receive a B.S. degree in clinical health studies after completing those degree requirements at Ithaca College as specified in the undergraduate catalog (<https://catalog.ithaca.edu/undergrad/schools/school-health-sciences-human-performance/departments-physical-therapy/clinical-health-studies-major-bs/>). Students must have a minimum GPA of 3.2 and have completed all prerequisite coursework for progression into the D.P.T. program.
2. Professional entry-level program in physical therapy (D.P.T):
  - a. Students must have earned a bachelor's degree with a minimum cumulative GPA of 3.2.
  - b. Students must have completed the following prerequisite coursework within the past 10 years and with a minimum averaged GPA of 3.2: 8 credits of Biology, 8 credits of Chemistry; 8 credits of Physics; 8 credits of Anatomy and Physiology; and a minimum of 3 credits of Statistics.

### 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:

Letter Grade	Percent Earned
A	93-100%
A-	90-92%
B+	87-89%
B	83-86%
B-	80-82%
C+	77-79%
C	73-76%
C-	70-72%
F	<70%

- No grades of D are awarded for graduate level courses.
- Clinical Education coursework is 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 student in the graduate program may request an incomplete grade as outlined in the Ithaca College Graduate Catalog. A graduate student who receives a grade of Incomplete must complete the requirements of the course prior to the start of next academic term. Failure to comply with this timeline could result in the student being subject to dismissal from the Doctor of Physical Therapy program or required to absent themselves from the curriculum sequencing for a year after the Incomplete is satisfied.

### 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. Any course that is repeated due to a deceleration or failure of clinical education are subject to the requirement for continuous registration while awaiting the opportunity to do so.

Students enrolled in Doctor of Physical Therapy program must maintain continuous registration in the program and are required to meet all requirements for graduation within five years of starting the professional phase of the program. Any breaks in continuous registration are counted toward the amount of time a student takes to complete degree requirements.

#### 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 Essential 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 PT Student Teams 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.

## 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 academic status (good academic standing, warning, or dismissal) are specified in the Graduate catalog. The criteria below are in addition to college-wide policy and apply to program academic status. Additional information can be found in the PT Department Students-Group Teams site.

### Student Academic Performance Review

Academic records and professional conduct 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 and/or unprofessional behavior to determine whether a change in academic status is warranted. Academic warning 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.

### Program deceleration

A graduate student in the Department of Physical Therapy may have the option to decelerate in the program if they are subject to dismissal due to receiving an F in a required course. A student is not eligible to decelerate if they have been on academic warning the semester preceding the semester they request to decelerate. A student can decelerate only once while in the PT program. A student who decelerates will be placed on academic warning for the semester they are reinstated. Warning status is removed after achieving good academic status.

Information for program deceleration can be obtained from the Graduate Chairperson. Deceleration status is provided to the Dean of the School of Health Sciences and Human Performance and the Office of the Registrar.

## Academic status categories

### Good Academic Standing

Graduate students in the department of physical therapy are in good academic standing when they have:

- Met college-wide academic standards as outlined in the Ithaca College Graduate Catalog and met physical therapy program-specific standards of cumulative GPA and individual semester GPA greater than or equal to 3.2.
- Professional conduct consistent with program expectations as outlined in the Student Manual.
- Clinical performance consistent with expectations for program level as outlined in the Clinical Education Manual.

### Academic Warning

A graduate student in the department physical therapy will be placed on academic warning within the Department of Physical Therapy for any of the following reasons:

- was a Clinical Health Studies IC undergraduate student placed on academic warning at the end of the spring semester of DPT year I, or
- receives less than a 3.2 term or cumulative GPA, or
- withdraws from a required course, or
- 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 conduct, or
- receives a grade of Unsatisfactory (U) in an ICE course, or
- dismissed from the program, but reinstated after a successful petition

### Dismissal

A graduate student in the Department of Physical Therapy is subject to dismissal for any of the following reasons:

All students:

- Receives a grade of F in any course
- Remains on Academic Warning for any two consecutive full-time academic terms, or
- Receives an Unsatisfactory (U) in more than one clinical education course (includes ICE and full-time clinical experiences), or
- Fails a clinical education remediation (PDPT 62900) OR the retake of a failed clinical experience, or
- Drops or withdraws from any two clinical education courses, or
- Has repeated documented instances of unprofessional conduct that are not successfully addressed through meeting the goals of a learning contract, or
- Fails the comprehensive practical examination and a re-take attempt

Decelerated students:

- Receives less than a 3.2 term GPA for the first semester following a period of separation for deceleration, or
- Receives a second grade of F, or
- Receives a B- or lower in a repeated course



### Petition for Waiver of Departmental Academic Policy

A graduate student in the Department of Physical Therapy who has been placed on program academic warning or who has been dismissed from the program may petition to waive Departmental academic policy consistent with the Student's Right to Petition in the Ithaca College Graduate Catalog (<https://catalog.ithaca.edu/graduate/academic-information/policies/>). Information for filing a petition can be obtained from the PT Department Students-Group Microsoft Teams site.

### Requirement for Continuous Registration

Students enrolled in the Doctor of Physical Therapy program must maintain continuous registration in the program and are required to meet all requirements for graduation within five years of starting the professional phase of the program. Any breaks in continuous registration are counted toward the amount of time a student takes to complete degree requirements.

Students who choose to absent themselves from graduate studies for personal, health, or emergency reasons or chose to decelerate must comply with the requirement for continuous registration as described in the Ithaca College Graduate Catalog Student Academic Status Policies and Academic Performance Requirements (<https://catalog.ithaca.edu/graduate/academic-information/student-status-policies-performance-requirements/>).

Students must notify the Graduate Chairperson in writing of their intention to return sixteen weeks prior to their planned return date. The Graduate Chairperson 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. A student returning from an absence of continuous registration will retain the same academic status as when the separated from continuous registration.

## Majors

- Physical Therapy Doctorate (p. 746)
- Physical Therapy Professional Entry-Level Doctorate (p. 747)

### PTBS 50000 Documentation for Physical Therapy (NLA)

Introduces written documentation of physical therapy services using the American Physical Therapy Association's 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. (U,Y)

1 Credit

### PTBS 50100 Human Anatomy (NLA)

Investigates 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. (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: 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: 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 51700. (S,Y)

Attributes: CP

1 Credit

### PTBS 50600 Medical Screening I (NLA)

Explores the principles and interpretation of diagnostic testing. Includes 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. Uses patient cases to compare patho-structural diagnosis with actual symptoms and clinical presentation. Prerequisites: PTBS 50100. (F,Y)

1 Credit

### PTBS 50700 Integrated Clinical Experience I (NLA)

Work with patients under the supervision of a faculty member. Apply knowledge and skills to assume appropriate responsibilities in direct patient care. (B,S,Y)

1 Credit

### PTBS 50800 Evidence Based Practice I (NLA)

Explores how research literature can guide clinical decision making and form the basis for contemporary physical therapist practice. Emphasize how evidence is used to answer clinical questions that affect the examination process, evaluation procedures, and interventions commonly used by physical therapists. Examine the historical background for evidence based practice. Analyze the fundamental components of evidence based practice. Prerequisites: PTBS 50100. (S,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 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)**

Provides knowledge related to and skills required in the acute care setting. Develop competency in acute care evaluations, interventions, and discharge planning. Integrate curricular content to address the complex patient and dynamic environment encountered in acute care. Prerequisites: PTBS 51600. (F,Y)  
2 Credits

**PTBS 51300 Electrotherapeutic Modalities and Physical Agents (NLA)**

Explores 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: 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 51600 Mobility Training (NLA)**

Introduces patient/client care techniques related to mobility training including bed mobility, transfer training, gait training with a variety of assistive devices, elevation training, and wheelchair mobility. Familiarizes students with the initial steps in the patient-therapist relationship including professional behaviors and oral communication. Review of cardiovascular systems is also included. Develops the skills necessary to ensure the safety of both the patient/client and the student/therapist in a clinical environment. Prerequisites: PTBS 50100. (F,Y)  
1 Credit

**PTBS 51700 Professional Development I (NLA)**

Introduces professionalism including professional and ethical behavior, as well as our professional organization. Develops effective listening skills. Prepares to teach in a variety of settings and formats for academic, clinical, and professional purposes. Includes 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 50100. (F)  
1 Credit

**PTBS 51800 Pathology for Physical Therapists (NLA)**

Examines the components of general disease and injury processes and specific components of selected diseases likely to be encountered in physical therapy practice. Describes general pathology topics including cell and tissue injury, inflammation, and the healing and repair process. Focuses specifically on diseases of the musculoskeletal, cardiovascular, pulmonary, integumentary, and nerve systems. Emphasizes understanding the underlying mechanisms of structural and functional disruptions for adults, with secondary comparisons to pathology across the life span. Provides background information necessary for performing differential diagnosis and patient treatments that will be taught in future coursework. Prerequisites: PTBS 50100. (F,Y)  
3 Credits

**PTBS 51900 Patient Care Skills I (NLA)**

Introduces written documentation of physical therapy services using the American Physical Therapy Association's Patient/Client Management Model and the International Classification of Functioning, Disability. Patient care related to mobility training including bed mobility, transfers, gait with a variety of assistive devices, and stair climbing will also be introduced. (U,Y)  
1 Credit

**PTBS 52000 Patient Care Skills II (NLA)**

Enforces patient/client care techniques related to mobility training including bed mobility, transfers, gait with a variety of assistive devices, and stair climbing that was taught in Patient Care Skills I and adds wheelchair management with hands-on practice. Familiarizes students with the initial steps in the patient-therapist relationship including professional behaviors, oral communication, and written communication. Review of cardiovascular systems is also included. Develops the skills necessary to ensure the safety of both the patient/client and the student/therapist in a clinical environment. Incorporates defensible documentation in a daily note, progress note, and discharge summary. Prerequisites: PTBS 51900. (F,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 3 credits. (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 59000-59005 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 .5-3 credits (IRR)

0-3 Credits

**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." 3 credits. (F,Y)

3 Credits

**PDPT 59500-59505 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 59900-59905 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. Completion of BS in Clinical Health Studies required. (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. Completion of BS in Clinical Health Studies required. (B,F,Y)  
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. Completion of BS in Clinical Health Studies required. (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. Completion of BS in Clinical Health Studies required. (F,Y)  
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. Completion of BS in Clinical Health Studies required. (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 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. Completion of BS in Clinical Health Studies required. (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. Completion of BS in Clinical Health Studies required. (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. Completion of BS in Clinical Health Studies required. (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 are discussed, including a review of the medical and surgical management of specific diseases. Evaluation procedures used to determine the status of cardiovascular and pulmonary function 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 for people with cardiovascular and pulmonary problems. (S,Y)  
4 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. Completion of BS in Clinical Health Studies required. (S,Y)  
4 Credits



**PDPT 61200 Clinical Education I (NLA)**

The first full time placement for the student in a clinical environment where they have 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. Successful completion of all prior required coursework and a passing score on the Comprehensive Practical exam is required. 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 and spine. 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 62500 Integrated Clinical Experience II (NLA)**

Provides students with an opportunity to work with patients under the supervision of a faculty member. Students will apply learned knowledge and skills and assume appropriate responsibilities in direct patient care. This second clinical education experience is integrated into the curriculum. (F,Y)

1 Credit

**PDPT 62800 Health Care Systems (NLA)**

Introduces the basic constructs of the US health care system with emphasis on how system components influence patient referrals, delivery of care, reimbursement, and outcomes in physical therapy. (F,Y)

1 Credit

**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 63100 Research Project I (NLA)**

Review literature relevant to the research question, practice and modify the methods based on pilot data, complete CITI training, and potentially start data collection in small groups. Complete a draft of the introduction and method section of a manuscript. This is the first of a three-course research sequence based on a faculty-lead research project. (F,S,IRR,Y)

1 Credit

**PDPT 63200 Research Project II (NLA)**

Continue a research project with a faculty mentor. Revise drafts of introduction and methods sections. Collect data in small groups. Begin data analysis and drafts of results section. This is the second of a three-course research sequence based on a faculty-lead research project. Prerequisites: PDPT 63100. (F,IRR,S,Y)

1 Credit

**PDPT 63300 Research Project III (NLA)**

Continue a research project with a faculty mentor. Complete final data analysis and revise drafts to complete a final paper and prepare an abstract and presentation. This is the third of a three-research course sequence based on a faculty mentored research project. Prerequisites: PDPT 63200. (F,IRR,S,Y)

1 Credit

**PDPT 69000-69005 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 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 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 6 credits. (F,S,Y)

1-3 Credits

## Physical Therapy Doctorate

### Graduation Requirements

The Comprehensive Practical is administered after the spring semester of DPT Year 2. Students need to pass the Comprehensive Practical in order to go on Clinical Education I.

### Curriculum

Code	Title	Credits
<b>Required Courses</b>		
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 62500	Integrated Clinical Experience II	1
PDPT 62800	Health Care Systems	1
PDPT 60600	Integrated Clinical Experience III	1
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	4
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 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 62300	Professional Development III	1
PDPT 62400	Clinical Education III	6
<b>Choose a Case Report or Research Track</b>		<b>3</b>
Case Report Track		
PDPT 61600	Case Report I	
PDPT 62200	Case Report II	
Research Track		
PDPT 63100	Research Project I	
PDPT 63200	Research Project II	
PDPT 63300	Research Project III	
<b>Total Credits</b>		<b>71</b>

## Physical Therapy Professional Entry-Level Doctorate

### Graduate 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 five 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 otherwise specified in the course descriptions. All graduate students must maintain a cumulative GPA and individual semester GPA of 3.2 or higher to successfully complete the program. Professional behavior consistent with program expectations as outlined in the Student Manual. Clinical performance consistent with expectations for program level as outlined in the Clinical Education Manual.

The Comprehensive Practical is administered after the spring semester DPT year 2. Students need to pass the Comprehensive Practical in order to go on Clinical Education I.

### Curriculum

Code	Title	Credits
<b>MAJOR REQUIREMENTS</b>		
PTBS 50000	Documentation for Physical Therapy	1
PTBS 50100	Human Anatomy	6
PTBS 51600	Mobility Training	1

PTBS 51700	Professional Development I	1
PTBS 51800	Pathology for Physical Therapists	3
PTBS 50200	Musculoskeletal I	4
PTBS 50300	Soft Tissue Examination and Interventions	2
PTBS 50400	Applied Biomechanics	3
PTBS 50600	Medical Screening I	1
PTBS 50500	Professional Development II	1
PTBS 50800	Evidence Based Practice I	3
PTBS 50700	Integrated Clinical Experience I	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
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 62500	Integrated Clinical Experience II	1
PDPT 62800	Health Care Systems	1
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	4
PDPT 61100	Neurological Rehabilitation I	4
PDPT 60600	Integrated Clinical Experience III	1
PDPT 61200	Clinical Education I	4
PDPT 61400	Clinical Administration in Physical Therapy	3
PDPT 61500	Neurological Rehabilitation II	3
PDPT 61700	Pediatric Rehabilitation	3
PDPT 61800	Orthotics/Prosthetics	2
PDPT 61300	Clinical Orthopedics	3
PDPT 61900	Clinical Education II	5
PDPT 62000	Psychosocial Aspects of Patient Care	3
PDPT 62100	Advanced Clinical Management	2
PDPT 62300	Professional Development III	1
PDPT 62400	Clinical Education III	6

### Research Tracks

Select one of the following:

Case Report Track

PDPT 61600 Case Report I

PDPT 62200 Case Report II

### OR

Research Report Track

PDPT 63100 Research Project I

PDPT 63200 Research Project II

PDPT 63300 Research Project III

# Physician Assistant Studies

**Melissa Murfin**, *Clinical 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 electives 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 evaluates the following technical standards in all candidates for admission and graduation. The Program is committed to complying with Section 504 of the 1973 Rehabilitation Act and the Americans with Disabilities Act (ADA) and ascertains that all candidates must meet these minimal technical standards reasonably independently, regardless of whether or not they receive accommodations for documented disabilities. Any learner who has a question about whether they can meet these standards should contact the Program Director about their concerns.

The Dictionary of Occupational Titles defines the role of PAs (<https://www.occupationalinfo.org/07/079364018.html>) in the healthcare delivery model and learners should be able to perform the listed tasks.

In addition, The O\*NET Program is a national resource for occupational information including physician assistant profession. O\*NET Program has specific tasks, technology skills and work activities (<https://www.onetonline.org/link/summary/29-1071.00>).

All PA learners are expected to meet certain non-academic criteria in their training to become PAs.

1. **Observation.** Use visual, auditory, and somatic skills to demonstrate comprehension of patients' conditions. {Clinical Assessment I and II, IPE I and II, Clinical Skills and Procedures}
  2. **Communication.** Communicate to gather information, assess non-verbal communication, and share culturally sensitive information with patients and others. Communication skills include speaking, reading, and writing. {All didactic and clinical courses}
  3. **Motor.** Gather information, palpate, auscultate, percuss, and perform other diagnostic maneuvers to provide care to patients. {Clinical Assessment I and II, IPE I and II, Clinical Skills and Procedures}
  4. **Intellectual.** Measure, calculate, reason, analyze, and synthesize information to problem solve in a timely manner to respond to clinical situations. {Clinical Assessment I and II, IPE I and II, Pharmacology I and II, Clinical Skills and Procedures}
  5. **Behavioral and Social.** Emotional health to make sound judgments. Utilize emotional intelligence during stressful situations. Engage in active learning. Tolerate workloads and changing environments. {All didactic and clinical courses}
- Master of Science in Physician Assistant Studies (p. 751)

### 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)

Introduce topics in Genetics, Microbiology, and Infectious Disease in the context of clinical practice. Review chromosomes, transcription, translation, inheritance patterns, and associated diseases and disorders. Discuss diagnostic techniques and provide an overview of embryonic development and teratogens. Explore a selection of genetic diseases, including what is known about the genetics involved, the signs and symptoms of the disease, and prevention and treatment options available. Introduce concepts regarding the role of genetic counseling, the ethical and legal issues related to genetic screening and genetic testing and review basic microbiology concepts, including microbial structure and basic laboratory techniques. Introduce the role of the human body's typical microflora and the mechanisms by which pathogens (including bacteria, viruses, fungi, and parasites) 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,Y)

3 Credits

**PASG 60300 Diagnostic Imaging (NLA)**

Integrate human anatomy and physiology into the most common modalities of diagnostic imaging used in clinical medicine to identify normal variant anatomy. (B,F,Y)

2 Credits

**PASG 60400 Human and Radiographic Anatomy and Lab (NLA)**

Examine the gross anatomical components of the human body through the use of lecture and cadaver dissection 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 (PA) profession, social, regulatory, economic, and political aspects of becoming a PA. Discuss the professional organizations that represent PAs. Utilize the knowledge gained to advocate for the PA 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. (B,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 physical exams. Examine lab partners and/or standardized patients to gain the skills and knowledge to perform thorough histories and physical examinations. Prerequisites: PASG 60000. (S,Y)

4 Credits

**PASG 60620 Clinical Assessment II (NLA)**

Develop proficiency in 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 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. Examine peers and standardized patients to advance the skills and knowledge to perform focused histories 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. (B,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. Analyze and appraise the medical and pharmaceutical literature. The second in a series of three courses. Prerequisites: PASG 60910. (B,S,Y)

2 Credits

**PASG 60930 Evidenced Based Medicine III: Effective Communication in Health Care (NLA)**

Formulate a clinical question and search the medical literature to answer that clinical question. Gain knowledge on how to effectively search various medical databases and identify research in support of the clinical question. Draw upon the principles and concepts acquired in Evidenced-Based Medicine (EBM) I and II to evaluate the strength of evidence that will justify the answer to their clinical question. Learn to write and present the topic in a scholarly format. This is 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 (PA) leaders. Prepare PA 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. Learn to advocate for patients through involvement in quality improvement initiatives. Learn to advocate for the PA profession by developing leadership skills and an understanding of the importance of quality improvement in patient safety. Discuss the importance of commitment to excellence and ongoing professional development. (F,Y)

1 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. Prerequisites: PASG 60820, PASG 61020, PASG 61320. (F,Y)

3 Credits

**PASG 61500 Clinical Skills and Procedures (NLA)**

Perform 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. Introduce learners to essential procedures and skills necessary for primary care practice. 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)**

Describe how to plan, deliver, and evaluate patient/population-centered care and population health programs to ensure policies are safe, timely, efficient, effective, and equitable. Apply relationship-building values and the principles of team dynamics to perform effectively in different team roles. Evaluate local community health needs and design a process improvement project to address one of those needs. Attain effective leadership skills needed to advocate for patients and quality improvement in patient safety. (F,Y)

2 Credits

**PASG 70000 Supervised Clinical Practice Experience - Family Medicine (NLA)**

Supervised clinical experience for five weeks in Family Medicine with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients with a focus on managing chronic conditions and preventative care. 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)**

Supervised clinical experience for five weeks in Internal Medicine with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients with a focus on inpatient management of acute and chronic conditions. 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 - Surgery (NLA)**

Supervised clinical experience for five weeks in Surgery with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients in pre-operative, intra-operative and post-operative settings. 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)**

Supervised clinical experience for five weeks in Pediatrics with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients and their families with a focus on acute and preventative care. 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)**

Supervised clinical experience for five weeks in Women's Health with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients with a focus on preventative gynecological care, acute gynecological care, and preventative prenatal care. 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)**

Supervised clinical experience for five weeks in Behavioral and Mental Health with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients with a focus on acute and chronic behavioral and mental health concerns.

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)**

Supervised clinical experience for five weeks in Emergency Medicine with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients with a focus on patients presenting with acute and emergent concerns. 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)**

Supervised clinical experience for five weeks with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients with a focus on acute and chronic conditions related to the practice area. 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)**

Supervised clinical experience for five weeks with opportunities to practice and apply knowledge and skills acquired during the didactic phase. Learners will utilize medical knowledge and clinical skills to evaluate, treat and educate patients with a focus on acute and chronic conditions related to the practice area. Prerequisites: PASG 61400, PASG 60830, PASG 61500, PASG 61600, PASG 60930, PASG 61700.

(B,F,S,U,Y)

4 Credits

**PASG 70900 Transition to Clinical Practice (NLA)**

Practice clinical procedures and skills learned during nine clinical rotations. Provide education in special populations and special topics not encountered commonly in clinical rotations but required for the delivery of inclusive care. Prepare for the Physician Assistant National Certifying Examination (PANCE). 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,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 61010	Pharmacology and Therapeutics I	2
PASG 61020	Pharmacology and Therapeutics II	2

PASG 61100	Leadership and Advocacy	1
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
PASG 61700	Population and Community Health	2
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 - 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	Transition to Clinical Practice	3
<b>Total Credits</b>		<b>112</b>

## Speech-Language Pathology and Audiology

**Carly Jo Hosbach-Cannon**, Associate Professor, Graduate Chairperson

**Lynne Hewitt**, Professor, Program Director

**Lauren Wright-Jones**, Clinical Assistant Professor, Graduate Chairperson, Online Modality

The master's of science program in speech-language pathology (<https://www.ithaca.edu/academics/school-health-sciences-and-human-performance/speech-language-pathology-and-audiology/graduate-programs/>) at Ithaca College is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA) (<https://caa.asha.org/>) of the American Speech-Language-Hearing Association, 2200 Research Boulevard #310, Rockville, Maryland 20850, 800-498-2071 or 301-296-5700.

The department offers two graduate majors: Speech-Language Pathology, M.S., and Speech-Language Pathology with Teacher Certification, M.S.. The graduate program in Speech-Language Pathology, M.S. is offered in two modalities; full-time in person, and part-time fully online. The in-person degree options require full-time study; for both, degree requirements must be completed within two years. For the on-line modality M.S. in SLP, the degree can be completed in 8 semesters (2.7 years) without prerequisite courses or 11 semesters (3.7 years) with prerequisite courses.

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

Consideration for admission to the graduate (in-person and online) program requires the following:

- An undergraduate degree; and
- A minimum cumulative undergraduate grade point average of 3.00 (on a 4.00 grading system)

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. In most cases the expectation is that students complete all the prerequisites prior to enrolling. However, with permission of the graduate chair, up to two prerequisite courses may be completed during the program. For students without an undergraduate degree in speech-language pathology, all remaining prerequisite courses in SLP must be completed with a B or better; all prerequisite courses in communication disorders must be taken for a grade. 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 the last 10 years.

For part-time M.S. in SLP degree students lacking a background in communication disorders, there is the option of being admitted to our leveling program. Students admitted to the leveling program will complete all required prerequisites in communication disorders at Ithaca College. They must earn a B or better in all undergraduate prerequisite coursework in communication disorders. Note that all students must complete statistics, biology, physics or chemistry, and psychology prerequisites prior to enrolling. For these courses, a passing grade is acceptable (B or better only applies to communication disorders courses).

## Application for Admission

All application materials must be submitted by March 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 and scholarships in the full-time in-person program. Applicants wishing to be considered for a graduate assistantship must submit their application for admission into the in-person program by February 1. 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. 756)
- Speech-Language Pathology, M.S. (p. 757)

### SLPG 54700 Fluency Development and Disorders (NLA)

Comprehensive study of the nature and development of fluency and fluency disorders. Identify and apply knowledge in the following areas: (1) development of normal speech fluency, (2) onset and development of fluency disorders, (3) exploration of stuttering theories and current research, and (4) examination of diagnostic and therapeutic intervention programs for preschoolers, school-age children, and adults. (F,S,U,Y)  
Attributes: TE  
2 Credits

**SLPG 55300 Voice and Related Disorders (NLA)**

Study of normal and disordered phonatory processes; including upper airway disorders; apply knowledge in evaluation and remediation of specific voice problems across the lifespan. (F,S,U,Y)

3 Credits

**SLPG 55500 Adult Dysarthria (NLA)**

Preparation for diagnosis and treatment of dysarthria. Identify and apply knowledge in neuroanatomy and physiology of speech production, etiology of dysarthria, differential diagnosis based on dysarthria characteristics, and treatment using a biopsychosocial model. (F,S,U,Y)

2 Credits

**SLPG 55600 Acquired Cognitive Communication Disorders (NLA)**

Preparation for diagnosis and treatment of acquired cognitive communication disorders, including: right hemisphere disorder; traumatic brain injury; normal aging; mild cognitive impairment; dementia.

Identify and apply knowledge in neuroanatomy, theoretical models of cognition and memory, etiology of acquired cognitive communication disorders, their characteristics, and diagnosis and treatment using a biopsychosocial model. (F,S,U,Y)

2 Credits

**SLPG 55900 Speech Sound Disorders in Children (NLA)**

Study of disordered speech sound production in children. Identify and apply knowledge in: typical speech sound acquisition; articulation; phonology; relationships between speech sound disorders and literacy; cultural-linguistic variations in speech production; characteristics of speech sound disorders across different clinical populations. Evaluate approaches to assessment and treatment using best practices in clinical decision-making. (F,S,U,Y)

Attributes: TE

3 Credits

**SLPG 61000 Early Intervention for Children with Communication Disorders (NLA)**

Outline the development of normal and disordered communication in children from birth to 3 years of age. Summarize important legislation and service delivery models used in early intervention. Describe assessment and intervention methods used with children under the age of 3. (F,S,U,Y)

Attributes: TE

2 Credits

**SLPG 62000 Speech-Language Pathology in Educational Settings (NLA)**

Recognize roles and responsibilities of the SLP in educational settings. Identify and apply knowledge of: legislative foundations including IDEA (Individuals with Disabilities Education Act), ADA (Americans with Disabilities Act), and Safe Schools Legislation; professional certification and ethics; Individual Educational Program development; implementation of culturally sensitive therapeutic programs in a diverse classroom setting; RTI (Response to Intervention); and specific disability areas such as learning disabilities. (F,S,U,Y)

Attributes: TE

2 Credits

**SLPG 62100 Autism Spectrum Disorders (NLA)**

Identify and apply knowledge in autism spectrum disorders (ASD): definitions and characteristics, etiology and prevalence, evidence-based supports, and the speech-language pathologist's roles and responsibilities in assessment and intervention for ASD. (F,S,U,Y)

1 Credit

**SLPG 62200 Counseling in Speech-Language Pathology (SLP) (NLA)**

Engage in discussion, reflection, and collaborative exercises around the roles and responsibilities of the speech-language pathologist (SLP) in counseling individuals with communication and swallowing disorders and providing support and education to their families/caregivers. Apply counseling techniques and integrate approaches. Describe essential aspects of interprofessional teams in counseling. (F,U,S,Y)

1 Credit

**SLPG 62500 Medical Topics in Speech-Language Pathology (NLA)**

Apply interdisciplinary focus to characteristics, assessment, and management of special populations frequently encountered in medical settings; evaluate evidence-based techniques, materials, and programs; identify key elements of interprofessional practice in medical settings. (F,S,U,Y)

2 Credits

**SLPG 63100 Pediatric Motor Speech Disorders (NLA)**

Apply knowledge of etiology and characteristics of pediatric motor speech disorders to identifying evidence-based interventions. (F,U,S,Y)

1 Credit

**SLPG 63300 Cultural Competence in Speech-Language Pathology Clinical Practice (NLA)**

Summarize 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. (F,S,U,Y)

1 Credit

**SLPG 64000 Audiology and Assistive Technology/Listening Devices (NLA)**

Identify psychosocial, educational, vocational, and linguistic effects of hearing loss, including the normal and disordered auditory system; interpretation of test results; listening devices and assistive technology for treatment of auditory disorders; and troubleshooting equipment. Emphasis on the role and scope of practice of the speech-language pathologist in screening for and treating hearing disorders through technology. (F,S,U,Y)

2 Credits

**SLPG 64100 Facilitating Spoken-Language Learning in Deaf and Hard-of-Hearing Children (NLA)**

Identify and apply knowledge in facilitating spoken-language learning in deaf and hard-of-hearing children using the auditory-verbal approach. Apply auditory-verbal philosophy to maximizing hearing and facilitating listening, language, and literacy in deaf and hard-of-hearing children. Identify key elements in family-centered practice for this population.

Prerequisites: SLPG 64000. (F,S,U,Y)

1 Credit

**SLPG 64900 Augmentative and Alternative Communication (NLA)**

Identify and apply knowledge in supporting individuals with complex communication needs using augmentative and alternative communication techniques and strategies. Hands-on experience with augmentative communication devices and related equipment. (F,S,U,Y)

Attributes: TE

3 Credits

**SLPG 65100 Adult Aphasia and Related Disorders (NLA)**

Identify, differentiate, and contrast the phenomenology, symptomatology, and diagnostic and therapeutic processes of adult aphasia, apraxia of speech, and related disorders. (F,S,U,Y)

3 Credits



**SLPG 65200 Language Disorders in Children Ages 3 to 21 (NLA)**

Identify typical language development and apply concepts to disordered communication in children from 3 to 21 years. Identify and evaluate theories, apply evidence-based practices to case examples, including considerations of: legislation; service delivery models; culturally responsive practice; assessment and psychometrics; interventions/supports; needs of special populations; impact of language on literacy. (F,S,U,Y)

Attributes: TE

3 Credits

**SLPG 65500-65507 Seminar in Speech Pathology: Selected Topics (NLA)**

Explore various topics in speech-language pathology and audiology (SLPA) as determined by course instructors and the department of SLPA.

Offered on an irregular basis. (IRR)

1-6 Credits

**SLPG 65600 Dysphagia (NLA)**

Identify and analyze the nature, etiology, and physiology of normal and abnormal patterns of swallowing across the lifespan. Instrumental techniques for the study of swallowing and procedures for clinical swallowing evaluations. Identify best practices in dysphagia treatment, ethics, and clinical decision-making. (F,S,Y,U)

3 Credits

**SLPG 65700 Research Methods and Analysis (NLA)**

Demonstrate knowledge in study designs and analysis in communication sciences and disorders research; critically evaluate research, applying levels of evidence and comparing evidence for interventions; articulate evidence-based position in oral and written formats. (F,S,Y,U)

3 Credits

**SLPG 66100 Clinical Practicum I (NLA)**

Engage in a dynamic supervised clinical practice experience. Apply classroom learning to the practicum setting. Demonstrate professional skills, develop and implement an intervention plan, create a motivating therapeutic environment, collaborate with relevant others, and complete thorough documentation. Practica may take place on or off campus.

Supervision is provided in accordance with ASHA requirements. (F,S,U,Y)

Attributes: TE

1 Credit

**SLPG 66101 Seminar in Professional Practice I (NLA)**

Identify and apply basic concepts in professional practice in speech-language pathology, including: scope of practice, evidence-based practice, standards of ethical conduct, trends in professional practice, accreditation, certification, and licensure, graduate program standards, requirements, and expectations. Co-requisite: SLPG 66100. (F,S,U,Y)

1 Credit

**SLPG 66200 Clinical Practicum II (NLA)**

Engage in multiple supervised clinical practice experiences. Provide diagnostic evaluations and therapeutic intervention for individuals with a variety of speech-language disorders across the lifespan. Demonstrate professional skills. Develop and implement an intervention plan, create a dynamic therapeutic environment, collaborate with relevant others, and complete thorough documentation. Site and client assignments are determined by clock-hour needs, scope of practice, and regulatory requirements. Practica will take place in a variety of settings both 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. (F,U,S,Y)

Attributes: TE

2 Credits

**SLPG 66300 Clinical Practicum III (NLA)**

Engage in multiple supervised clinical practice experiences. Provide diagnostic evaluations and therapeutic intervention for individuals with a variety of speech-language disorders across the lifespan. Demonstrate professional skills. Develop and implement an intervention plan, create a dynamic therapeutic environment, collaborate with relevant others, and complete thorough documentation. Site and client assignments are determined by clock-hour needs, scope of practice, and regulatory requirements. Practica will take place take place in a variety of settings both 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. (F,S,U,Y)

Attributes: TE

1 Credit

**SLPG 66400 Clinical Practicum IV (NLA)**

Engage in multiple supervised clinical practice experiences. Provide diagnostic evaluations and therapeutic intervention for individuals with a variety of speech-language disorders across the lifespan. Demonstrate professional skills. Develop and implement an intervention plan, create a dynamic therapeutic environment, collaborate with relevant others, and complete thorough documentation. Site and client assignments are determined by clock-hour needs, scope of practice, and regulatory requirements. Practica will take place take place in a variety of settings both 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,S,U,Y)

Attributes: TE

2 Credits

**SLPG 66401 Seminar in Professional Practice II (NLA)**

Professional practice in speech-language pathology for individuals in their final semester prior to externship/student teaching. Identify and apply information in ASHA practice policies and guidelines, reimbursement procedures, counseling in SLP, evidence-based practice, trends in professional practice, and advanced topics in certification and licensure. Discuss externship/student teaching standards, requirements, and expectations. Co-requisite SLPG 66400. (F,U,S,Y)

1 Credit

**SLPG 66500-66501 Professional Externship in Speech-Language Pathology (NLA)**

Engage in 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. Faculty approval required. Prerequisite: SLPG 66400. (F,S,Y,U)

Attributes: TE

4 Credits

**SLPG 66600 Supplementary Clinical Affiliation (NLA)**

Engage in supervised clinical practicum, to fulfill clinical clock hours required for program completion. (IRR)

1 Credit

**SLPG 67000 Individual Studies (NLA)**

Individually investigate special topic in communication sciences and disorders; complete critical review. Registration requires submission of approved outline and bibliography. Permission of instructor and department chair. (F,S,U,Y)

1-3 Credits

**SLPG 67050 Independent Clinical Study (NLA)**

Individual study on clinical topics; analyze key clinical knowledge and skills needed for entry level practitioners in speech-language pathology; develop personal reflection and action plan to achieve learning outcomes for completion of clinical training. Permission of Instructor required. (F,S,U,Y)  
1-3 Credits

**SLPG 67100 Individual Studies (NLA)**

Individually investigate special topic in communication sciences and disorders; complete critical review. Registration requires submission of approved outline and bibliography. Permission of instructor and department chair. (F,S,U,Y)  
1-3 Credits

**SLPG 67200-67300 Independent Reading (NLA)**

Explore key issues and critically evaluate topic in communication disorders and sciences, with approval of department chair. (F,S,U,Y)  
1-3 Credits

**SLPG 67400-67500 Independent Research (NLA)**

Investigate topic in communication disorders and sciences, under faculty guidance. Permission of department chair required. (F,S,U,Y)  
Attributes: TE  
1-3 Credits

**SLPG 68000 Thesis or Research Paper (NLA)**

Complete thesis or research paper. See graduate policies for details. May be repeated, up to total of 8 credits. (F,S,U,Y)  
2-8 Credits

**SLPG 68100 Comprehensive Examinations (NLA)**

Demonstrate learning across the curriculum in speech-language pathology by completing comprehensive examinations across the scope of practice. (F,U,S,Y)  
0 Credit

**SLPG 69800 Professional Experience in Education I (NLA)**

Engage in 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. Mandatory seminars are held throughout the semester. Faculty approval required. Prerequisite: SLPG 66400. (F,S,U,Y)  
Attributes: TE  
4 Credits

**SLPG 69801 Professional Experience in Education II (NLA)**

Engage in 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. Mandatory seminars are held throughout the semester. Faculty approval required. Prerequisite: SLPG 66400. (F,U,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/graduate-study-speech-language-pathology/application-requirements/prerequisite-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
<b>Required Courses</b>		
SLPG 54700	Fluency Development and Disorders	2
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 62200	Counseling in Speech-Language Pathology (SLP)	1
SLPG 63300	Cultural Competence in Speech-Language Pathology Clinical Practice	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 2**

SLPG 62500	Medical Topics in Speech-Language Pathology	
SLPG 63100	Pediatric Motor Speech Disorders	
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
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<b>Total Credits</b>	<b>55</b>
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## Speech-Language Pathology, M.S.

### 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	2
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 62200	Counseling in Speech-Language Pathology (SLP)	1
SLPG 63300	Cultural Competence in Speech-Language Pathology Clinical Practice	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
<b>Required Externship</b>		
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
<b>Restricted Electives<sup>1</sup></b>		
SLPG 62500	Medical Topics in Speech-Language Pathology	
SLPG 63100	Pediatric Motor Speech Disorders	
	SLPG 65500-65508 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	
<b>Total Credits</b>		<b>53</b>

<sup>1</sup> Elective options





# ARCHIVE CATALOGS

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For catalog information older than the 2012-2013 catalog, please contact the Office of the Registrar ([registrar@ithaca.edu](mailto:registrar@ithaca.edu)).

- 2023-2024 Catalog (<https://catalog.ithaca.edu/archive/2023-2024/>)
- 2022-2023 Catalog (<https://catalog.ithaca.edu/archive/2022-2023/>)
- 2021-2022 Catalog (<https://catalog.ithaca.edu/archive/2021-2022/>)
- 2020-2021 Catalog (<https://catalog.ithaca.edu/archive/2020-2021/>)
- 2019-2020 Catalog (<https://catalog.ithaca.edu/archive/2019-2020/>)
- 2018-2019 Catalog (<https://catalog.ithaca.edu/archive/2018-2019/>)
- 2017-2018 Catalog (<https://catalog.ithaca.edu/archive/2017-2018/>)
- 2016-2017 Catalog (<https://catalog.ithaca.edu/archive/2016-2017/>)
- 2015-2016 Catalog
  - Undergraduate PDF ([https://catalog.ithaca.edu/archive/2015\\_2016\\_ug\\_catalog.pdf](https://catalog.ithaca.edu/archive/2015_2016_ug_catalog.pdf))
  - Graduate PDF ([https://catalog.ithaca.edu/archive/2015\\_2016gradcatalog.pdf](https://catalog.ithaca.edu/archive/2015_2016gradcatalog.pdf))
- 2014-2015 Catalog
  - Undergraduate PDF ([https://catalog.ithaca.edu/archive/2014\\_2015\\_ug\\_catalog.pdf](https://catalog.ithaca.edu/archive/2014_2015_ug_catalog.pdf))
  - Graduate PDF ([https://catalog.ithaca.edu/archive/2014\\_2015gradcatalog.pdf](https://catalog.ithaca.edu/archive/2014_2015gradcatalog.pdf))
- 2013-2014 Catalog
  - Undergraduate PDF ([https://catalog.ithaca.edu/archive/2013\\_2014\\_ug\\_catalog.pdf](https://catalog.ithaca.edu/archive/2013_2014_ug_catalog.pdf))
  - Graduate PDF ([https://catalog.ithaca.edu/archive/2013\\_2014gradcatalog.pdf](https://catalog.ithaca.edu/archive/2013_2014gradcatalog.pdf))
- 2012-2013 Catalog
  - Undergraduate PDF ([https://catalog.ithaca.edu/archive/2012\\_2013\\_ug\\_catalog.pdf](https://catalog.ithaca.edu/archive/2012_2013_ug_catalog.pdf))
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