

# MUSIC-MISCELLANEOUS (MUMC)

## **MUMC 10100 Required Recital Attendance (NLA)**

All full-time students in the School of Music are required to attend 12 performances during the semester. The distribution is as follows: at least 3 Guest Artist or Faculty, at least 3 ensemble, at least 3 student, and 3 free choice (any of the above or a master class). The associate dean will determine how this policy applies to transfer students. Additional attendance requirements are at the option of the major teacher. (F,S)  
Attributes: FA  
0 Credit

## **MUMC 10300 Introduction to Music Technology (NLA)**

Introduction to hardware and software technologies and their specific application to the music field. This course requires music reading ability and basic keyboard skills. Prerequisites: majors in the School of Music or consent of the instructor. (F-S)  
Attributes: TE  
1 Credit

## **MUMC 14000 Musical Theater Rehearsal and Performance (NLA)**

Participation in rehearsal and performance of a major musical theater production sponsored jointly by the Department of Theatre Arts in the School of Humanities and Sciences. Students receive credit for assignments in instrumental or vocal performance. Evaluated for pass/fail grade only by the music faculty member in charge of the designated area of specialization. Evaluation based on degree of professional attitude and quality of performance. Audition required prior to enrolling. Class meeting: Varies according to the extent of the role/credit granted. Music students may not enroll in THPA 13000 Rehearsal and Performance. May be taken for a maximum of (F-S)  
0-2 Credits

## **MUMC 14500 Introduction to Electroacoustic Music (LA)**

Introduces the essential elements of classical and contemporary electroacoustic music. Theoretical and practical studies focus on the elements of sound synthesis, audio mixing, and recording. Students are exposed to major works in the classical electroacoustic field while creating their own compositions. No prior formal training in music or electronics is required. Students meet for one lecture and one lab per week and are assigned biweekly studio time for assignments and their own explorations. (F,S,Y)  
Attributes: 3B, FA  
2 Credits

## **MUMC 16100 Diction I (NLA)**

A detailed study of the International Phonetic Alphabet, with particular attention to the rules and symbols of English, Italian, and German diction. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. (F)  
Attributes: GERM  
2 Credits

## **MUMC 16200 Diction II (NLA)**

A detailed study of the International Phonetic Alphabet, with particular attention to the rules and symbols of French diction. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. Prerequisites: MUMC 16100 or MUPS 16100. (S)  
2 Credits

## **MUMC 16300 Diction for the Non-Vocal Music Major (NLA)**

The study of the International Phonetic Alphabet (IPA) as it relates to English, Italian, German, and French vowel and consonant sounds. Application of rules through written assignments, oral drill, language lab work, and individual performance in class. For music majors in the Music Education and four-and-one-half-year programs, piano and guitar tracks. (S)  
2 Credits

## **MUMC 16600 Career Orientation (NLA)**

Lectures, films, panel discussions, workshops, and performances present thorough coverage of careers in the music field. Members of the School of Music faculty, all of whom are experienced in the areas they discuss, are present during class sessions. These appearances, together with those of selected off-campus guests, permit a realistic appraisal of current vocational opportunities. Students are assisted in (1) selecting goals in the music profession that are realistic in view of present conditions of employment, and (2) evaluating their career goals in light of their own qualifications and those apparently essential for success in the field. Also provides a summary of United States copyright law and its implications for music teachers, performers, and composers. (S)  
1 Credit

## **MUMC 19900-19901 Independent Study: Music (NLA)**

Independent study under the direction of a music faculty member for areas of study otherwise not available in the curriculum. A written proposal must be submitted not later than the end of the first week of classes. Requires approval of the sponsoring faculty member and the dean. Request forms for independent study are available in the music office. Also offered through the London Center. (F-S)  
1-3 Credits

## **MUMC 21000 Scoring for Visual Media I (NLA)**

This course introduces students to the theory and practice of musical scoring for film and other visual media. Students will learn the technical processes of syncing music to image, compositional strategies and techniques used to support the visual narrative, and the use of software and sample libraries for the creation of film scores. Students will develop the ability to understand musical and visual decisions made in the film making process. Course includes practical scoring exercises and projects. Prerequisites: MUTH 10100. (F,Y)  
2 Credits

## **MUMC 21100 Music in NYC (LA)**

A seminar designed around music performances such as orchestral, opera, musical theatre, chamber, and new music performances programmed in NYC during the semester. Students enrolled in the ICNYC program will attend a planned selection of at least seven performances and meet weekly for preparation, discussion, and reflection. As appropriate students will have the opportunity to attend rehearsals and meet the artists. Prerequisites: Sophomore standing and MUTH 12100. (F)  
3 Credits

## **MUMC 22000 Acting and Movement for the Singing Performer (NLA)**

An interdisciplinary course designed to develop body awareness and theatrical acting skills for singers. Emphasis on acting techniques and styles of movement. Culminates in a performance of a song or aria, using acting styles and movement techniques to create a fully formed, identifiable stage persona. Prerequisites: PFMJ 20100. (F)  
2 Credits

**MUMC 22100 NYC Music Special Topics Mini-Course (LA)**

Exploration and discussion of a special topic over two or three days and linked to events in NYC. Prerequisites: Sophomore standing and music majors only. (F)

1 Credit

**MUMC 24500 Music Industry Past and Present: History of Recorded Music (LA)**

Historical survey of the past 150 years in music making, told through the lens of recording technology. Emphasis on the evolution of recording technology and exploration of its role in the musical experience. Through four chronologically oriented units, students explore the specific equipment developed, operational techniques, key figures in the industry, technology's relationship with prevalent musical styles, and relevant sociological effects. Prerequisite: sophomore standing. (S)

Attributes: CA, MAP, TIII, TWOS

3 Credits

**MUMC 24800 Digital Sound Production (LA)**

This studio-oriented course explores the concepts and basic applications of MIDI systems. Students learn to use software sequencers in the process of composing and creating classical, electroacoustic, and popular music. This course may be used as a music elective for the bachelor of music degree. Students meet for one lecture and one lab per week, and are assigned biweekly studio time for assignments and their own explorations. Prerequisites: MUMC 14500. (S)

Attributes: FA

2 Credits

**MUMC 24900 Techniques and Analysis of Electroacoustic Music Composition (LA)**

An elective for the music major or non-music major with prior electroacoustic composition experience. Subjects covered include alternate MIDI controllers, advanced sequencing techniques, timbre design using a variety of contemporary synthesis techniques, and analysis of representative electroacoustic works by contemporary composers. This course may be used as a music elective for the bachelor of music degree. Students meet for one lecture and one lab per week, and are assigned biweekly studio time for assignments and their own composing. Prerequisites: MUMC 14500; MUMC 24800. (IRR)

Attributes: FA

2 Credits

**MUMC 25000 Digital Recording and Editing (LA)**

Enables students to develop expertise in the art and science of digital recording and sound sampling. Topics include the theory and practice of digital recording, editing, and mixing; field sample collection; and music composition techniques using digital recording software. This course may be used as a music elective for the bachelor of music degree. Students meet for one lecture and one lab per week, and are assigned biweekly studio time for assignments and their own composing. Prerequisites: MUMC 14500. (F)

Attributes: FA

2 Credits

**MUMC 25500 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,FB)

1 Credit

**MUMC 27300 Music Recital (NLA)**

A solo or shared public recital. Full recitals (approximately one hour in length) are normally 1 or Shared or shorter programs are normally .5 - 1 cr. (FS)

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. (FS)

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. (FS)

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. (FS)

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. (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