

MUSIC

MUC 5315 Introduction to Electroacoustic Music 3 Credits

Grading Scheme: Letter Grade

Survey of techniques, history, literature, and materials of electroacoustic music.

Prerequisite: MUC 2102 or equivalent.

MUC 6444 Composition of Electronic Music 3 Credits

Grading Scheme: Letter Grade

Experimental electroacoustic art music composition using interactive software and digital recording.

Prerequisite: MUC 4311 or MUC 5315.

MUC 6445 Electroacoustic Music Composition: Digital I 3 Credits

Grading Scheme: Letter Grade

Introduction to direct-digital software synthesis systems through flowcharting, programming, and instrument design. Focuses on using Csound software.

Prerequisite: MUC 4401 or MUC 6444 or consent of instructor.

MUC 6446 Electroacoustic Music Composition--Digital II 3 Credits

Grading Scheme: Letter Grade

Continuation of MUC 6445. Composition and research in direct-digital software synthesis systems. Includes advanced instrument design, algorithmic composition, and interactive digital signal processing.

Prerequisite: MUC 6445 or consent of instructor.

MUC 6625 Jazz Composition and Arranging 3 Credits

Grading Scheme: Letter Grade

Provides graduate instruction in jazz composition and arranging and techniques for commercial song writing. Students will study chord movement, melodic development and composition techniques for various styles of music. Students will complete original compositions and arrangements, contra-facts, sax solis, big band chart and know the basics of string writing.

MUC 6930 Graduate Composition 3 Credits, Max 6 Credits

Grading Scheme: Letter Grade

Composition of chamber works for instrumental and/or vocal ensembles.

MUC 6932 Composition Seminar 1-3 Credits, Max 12 Credits

Grading Scheme: Letter Grade

Identifying problematic techniques in developing compositional craft for research, presentation, and discussion.

MUC 7447 Advanced Seminar in Electroacoustic Music 3 Credits

Grading Scheme: Letter Grade

Composition and research in advanced topics in computer music.

Prerequisite: MUC 6446 or consent of instructor.

MUC 7931 Advanced Graduate Composition 3 Credits, Max 18 Credits

Grading Scheme: Letter Grade

Composition for large instrumental and/or vocal ensembles.

MUC 7938 Seminar in Digital Sound Processing, Control, and Composition 3 Credits

Grading Scheme: Letter Grade

Topics in current research and digital audio theory, languages, algorithms, and applications for electroacoustic music.

Prerequisite: MUC 6446 or consent of instructor.

MUE 5336C Teaching Secondary Choral Music 3 Credits

Grading Scheme: Letter Grade

Develop techniques and skills necessary to build and sustain a successful and comprehensive choral program in a secondary school setting. Students will synthesize and apply previous knowledge and skills related to vocal physiology and pedagogy, lesson and curriculum planning, sight-singing and musicianship, and other topics. Field experience in schools.

Prerequisite: MUE 3311 and MUE 3330.

MUE 5338C Teaching Instrumental Music 3 Credits

Grading Scheme: Letter Grade

Develop musical and pedagogical knowledge, skills, and dispositions essential for teaching elementary, middle school, and high school instrumental music. Field work in schools.

Prerequisite: MUE 3311 and MUE 3330.

MUE 5941L Internship in Music Teaching 3 Credits

Grading Scheme: S/U

Students in this course build on the work done throughout their previous music education coursework to develop competence in applying the principles of learning in K-12 music classrooms.

Prerequisite: MUE 3311 & MUE 3330 & TSL 3323 & (MUE 4421/5XXX OR MUE 4422/5XXX). Three chosen from MUE 2440, MUE 2442, MUE 2470, MUE 2430, MUE 2450, MUE 2452, MUE 2460, MUE 2462. Certificate in Music Education students only; coreq: MUE 4140.

Corequisite: undefined

MUE 6080 Historical and Philosophical Foundations of Music Education 3 Credits

Grading Scheme: Letter Grade

Historical development and philosophy. Compares the U.S. with other countries and cultures. Individuals, associations and institutions that shape the music education program.

MUE 6385 Music in Higher Education 3 Credits

Grading Scheme: Letter Grade

Various aspects and programs of music in higher education for persons who intend to teach in or administer departments of music.

MUE 6399 Creative Thinking in Music 3 Credits

Grading Scheme: Letter Grade

Introducing the study of musical creativity by examining literature in and outside of music, emphasizing the process and its role in teaching/learning. The class explores how the mind works with music to produce creative results. Students engage in activities to explore the creative process and derive applications to K-12 music.

MUE 6444 Materials and Methods of String Class Teaching 2 Credits

Grading Scheme: Letter Grade

Survey of materials and methods suitable for public school string classes and orchestras.

MUE 6497 Public School Orchestral Literature 2 Credits

Grading Scheme: Letter Grade

Survey of materials suitable for various educational levels.

MUE 6647 Trends in Teaching and Learning Music 3 Credits

Grading Scheme: Letter Grade

Trends in Teaching and Learning Music

MUE 6696 Technology Assisted Music Learning 3 Credits**Grading Scheme:** Letter Grade

Exploring the role of technology in creating, performing, and responding to music, with applications to music learning/participation. A primary emphasis is the development of students' Musical Technological Pedagogical and Content Knowledge (M-TPACK). The technological focus includes notation software, MIDI, instructional programs, digital media, Internet resources, and productivity tools.

MUE 6747 Assessing Music Learning 3 Credits**Grading Scheme:** Letter Grade

Providing a foundation in all aspects of assessment in music teaching, from learning theory to practical application of assessment techniques, data management, critical thinking, progress reporting, and portfolio building. Assessment task design in the artistic response modes, item, and rubric development is covered. Students develop a series of assessments.

MUE 6785 Research in Music Education 3 Credits**Grading Scheme:** Letter Grade

Materials and specialized techniques of research in music education.

MUE 6790 Capstone Project for Music Education 3 Credits**Grading Scheme:** S/U

Completing an original research project that addresses an identified issue or need within the field of music education.

Prerequisite: Advanced standing in the graduate program; MUE 6785 ; permission of instructor

MUE 6931 Instructional Design in Music Education 3 Credits**Grading Scheme:** Letter Grade

Explores the ways in which artistic forms of understanding and reflection can be useful in designing and evaluating education programs.

MUE 7045 Seminar in Music Teacher Education 3 Credits**Grading Scheme:** Letter Grade

Examination of philosophical, historical, and contemporary practices in undergraduate and graduate music teacher education. Review of the research literature. Topics will include curricular frameworks, fieldwork models, development of teacher identity, teacher induction, teacher assessment, professional development, and the demands of policy stakeholders.

Prerequisite: Admission to the PhD in music education program.

MUE 7046 Sociology of Music Education 3 Credits**Grading Scheme:** Letter Grade

The purpose of this course is to gain knowledge and understanding of the social factors that impact music education in the United States and around the world.

Prerequisite: Admission to an MM, MME, or PhD program in music.

MUE 7746 Measurement and Evaluation of Music 3 Credits**Grading Scheme:** Letter Grade

Examines methods and techniques for measuring and evaluating learning in music.

Prerequisite: MUS 6685.

MUE 7784 Quantitative Research Methods 3 Credits**Grading Scheme:** Letter Grade

Intended to give students a thorough grounding in quantitative research methods appropriate for music education inquiry. Topics to be covered include quantitative research designs, survey design, data gathering, statistical analysis, and interpretation of results.

Prerequisite: MUE 6785.

MUE 7786 Qualitative Research in Music Education 3 Credits**Grading Scheme:** Letter Grade

The purpose of this course is to further understand and develop the skills required to design, conduct, and report music education research using qualitative approaches. Theoretical frameworks, data analysis procedures, and ethical considerations are examined.

Prerequisite: MUE 6785 or equivalent.

MUE 7924 Doctoral Colloquium in Music Education 0 Credits**Grading Scheme:** S/U

A forum for students to explore the role of research, research paradigms, critical issues, emerging events, scholarly writings, and professional organizations in music education through interaction with prominent speakers, faculty, and each other. A venue for sharing research and navigating the path to establish a scholarly identity and academic career.

MUE 7938 Music Education Seminar 3 Credits**Grading Scheme:** Letter Grade

Contemporary issues and problems in music education. Investigating and planning research relevant to selected problems.

MUG 6105 Graduate Conducting 3 Credits, Max 15 Credits**Grading Scheme:** Letter Grade

Conducting larger works from the standard repertoire for band, orchestra, and chorus.

MUG 6227 Advanced Choral Rehearsal Techniques 3 Credits**Grading Scheme:** Letter Grade

Provides the graduate conducting student with increased insight into, and advanced knowledge of, advanced choral techniques/methods for the purpose of preparing choral ensembles to present artistic performances. Information is disseminated via lecture, observation, and hands-on experience.

Prerequisite: intended for matriculating Master's or Doctoral students in choral/instrumental conducting.

MUG 7106 Advanced Graduate Conducting 3 Credits, Max 15 Credits**Grading Scheme:** Letter Grade

For conducting emphasis. Conducting major works for band, orchestra, and chorus. Emphasizes analysis and interpretation.

MUH 5219 Graduate Music History Review 3 Credits**Grading Scheme:** Letter Grade

Credit earned will not apply to the credit-hour requirement of any graduate degree offered in the School of Music.

MUH 5505 Introduction to Ethnomusicology 3 Credits**Grading Scheme:** Letter Grade

Field research. Using oral, written, and media sources. Transcription and analysis. Interpretative techniques.

Prerequisite: consent of instructor.

MUH 5684 Introduction to Historical Musicology 3 Credits**Grading Scheme:** Letter Grade

Critical approaches to the history of the discipline, fundamental concepts and methodologies, and significant musicological writings representing style periods and conceptual issues.

Prerequisite: successful completion of the complete undergraduate music history sequence; graduate student status; and successful completion of the music history entrance exam or the review course.

MUH 6515 Musics of the World 3 Credits**Grading Scheme:** Letter Grade

Providing students with knowledge and experiences to allow them to accurately distinguish musical characteristics of musics from around the world, identify local examples of diverse musical traditions, explore the methods used in ethnomusicology, and develop approaches to world music pedagogy.

MUH 6526 American Vernacular Music 3 Credits**Grading Scheme:** Letter Grade

Introducing American vernacular music from the 1840s to the recent past, examining the cultural/social history and an analytic study of multiple musical styles. Processes used by vernacular musicians – playing, improvising, songwriting, collaboration, listening, facility on multiple instruments – will be explored, as will curricular implications for K-12 settings.

MUH 6535 African Popular Music and Globalization 3 Credits**Grading Scheme:** Letter Grade

This course engages with a wide variety of African popular musics in different contexts of transformation, with the main objective of developing and nuancing our understanding of what “popular music” means in Africa within histories of culture contact. The course will provide foundational understanding of the field of ethnomusicology and popular music studies, with particular attention to how African music has been impacted by globalization through its contact with the West.

Prerequisite: Graduate students in music.**MUH 6538 Jazz, Hip Hop, and African Connections 3 Credits****Grading Scheme:** Letter Grade

This course will consider how African music and culture have influenced African American musical expression since the beginning of the trans-Atlantic slave trade and up through the development of the blues, jazz, soul music, hip hop, and rb. We will consider how such cultural flows have moved in both directions, from the foundations of African American music in African aesthetics, to the ways that jazz and hip hop musicians have made explicit reference or taken inspiration from Africa.

Prerequisite: Graduate student in music.**MUH 6545 The Guitar in Latin American Culture 3 Credits****Grading Scheme:** Letter Grade

Cultural view of Latin American peoples through the sounds of the guitar, focusing on the history of modern classical guitar and its role in mediating Iberian and Latin American music.

MUH 6548 Seminar in Caribbean Music 3 Credits**Grading Scheme:** Letter Grade

Examines historical, social, and aesthetic dimensions of Caribbean music and music making.

MUH 6549 Seminar in Brazilian Music 3 Credits**Grading Scheme:** Letter Grade

Examines historical, social, and aesthetic dimensions of Brazilian music and music making.

MUH 6635 Seminar in American Music 3 Credits**Grading Scheme:** Letter Grade

History and literature of American music from the landing of the pilgrims to the present.

MUH 6665 History of Opera 3 Credits**Grading Scheme:** Letter Grade

Historical development of opera and its literature from the Florentine Camerata to the present.

MUH 6671 Seminar in Renaissance Music 3 Credits**Grading Scheme:** Letter Grade

Selected topics from the Renaissance era for research and study.

MUH 6672 Seminar in Baroque Music 3 Credits**Grading Scheme:** Letter Grade

Selected topics from the Baroque era for research and study.

MUH 6673 Seminar in Classical Music 3 Credits**Grading Scheme:** Letter Grade

Selected topics from the Classical era for research and study.

MUH 6674 Seminar in Nineteenth-Century Music 3 Credits**Grading Scheme:** Letter Grade

Selected topics from the nineteenth century for research and study.

MUH 6675 Seminar in Twentieth-Century Music 3 Credits**Grading Scheme:** Letter Grade

Selected topics from the 20th century for research and study.

MUH 6725 Timbre: Critical Discussions 3 Credits**Grading Scheme:** Letter Grade

This course critically examines timbre by engaging with the following questions: What is timbre, and how is it related to sound? What scholarship has addressed timbre and in what ways? How can we discuss and write about timbre effectively? By exploring timbre in classical and popular music genres, as well as in specific works, and by considering timbre through lenses such music education and race, we seek to better understand what some scholars argue is a rather nebulous phenomenon.

Prerequisite: MUH 5219 with a minimum grade of C or passed music history entrance exams.**MUH 6726 Music and Audience 3 Credits****Grading Scheme:** Letter Grade

This course considers the role and function of the audience in conjunction with the symphony, opera, and ballet. Historical readings will cover what audiences were like in the Classical Period, Romantic Era, and the Twentieth Century, and we will discuss major masterworks of those time periods. We will also consider the modern audience by discussing recent publications in various mediums and attending two live concerts.

Prerequisite: MUH 5219 with a minimum grade of C or passed music history entrance exams.**MUH 6931 Nationalism in Music 3 Credits****Grading Scheme:** Letter Grade

Historical development of nationalist movements in music. Emphasizes the 19th and 20th centuries.

MUH 6935 Special Topics in Music History 3 Credits**Grading Scheme:** Letter Grade

Centering around topics of current interest or of special interest to students or instructors. Topics or focus may vary from semester to semester.

Prerequisite: MUH 5219 or passing grade on music history diagnostic exam.**MUH 7411 Medieval and Renaissance Notation 3 Credits****Grading Scheme:** Letter Grade

Practical, theoretical, and reportorial study of notation from ca. 1000-1600.

MUH 7938 Musicology Seminar 3 Credits, Max 9 Credits**Grading Scheme:** Letter Grade

Contemporary issues and selected topics in musicology.

Prerequisite: MUS 6716.

MUL 6486 Piano Literature 3 Credits**Grading Scheme:** Letter Grade

Survey of piano literature from Baroque to present.

MUL 6495 Graduate Organ Literature 3 Credits**Grading Scheme:** Letter Grade

An historical survey of the major trends and styles of organ composition from the Renaissance to the present.

MUL 6505 Symphonic Literature 3 Credits**Grading Scheme:** Letter Grade

Symphonic Literature

MUL 6555 Survey of Wind Literature 3 Credits**Grading Scheme:** Letter Grade

Literature for chamber and larger wind ensembles from Baroque to present.

MUL 6565 Chamber Music Literature 3 Credits**Grading Scheme:** Letter Grade

Survey of music literature for chamber ensemble from Baroque to present.

MUL 6645 Choral Literature 3 Credits**Grading Scheme:** Letter Grade

Survey of choral music from Renaissance to present.

MUM 6007 Strategic Music Entrepreneurship Development 3 Credits**Grading Scheme:** Letter Grade

Equips music students with a comprehensive foundation, resources, and skill set for improving marketability and success as a music entrepreneur upon graduation. Students will develop various skills for understanding and engaging in business, legalities, communication arts, innovative content creation, and niche development within music entrepreneurship.

Prerequisite: the course is intended for graduate students in music. Non-music majors may enroll with permission of the instructor.**MUM 6008 Foundations of Music Business 3 Credits****Grading Scheme:** Letter Grade

Fosters comprehensive and chronological understanding of major facets of the music business, and to observe how rapid changes in the global music industry challenge music professionals and music business organizations to become more entrepreneurial in their planning and practice.

Prerequisite: intended for graduate students in music, non-music majors may enroll with permission of the instructor.**MUM 6501 Music Production in Commercial Media 3 Credits****Grading Scheme:** Letter Grade

Covers a review of music for commercials, Programming Logos, jingles and radio station IDs. It covers the basics of home recording studios, techniques in Logic recording software and using a mixing board. Students will develop compilation tracks and sample media to demonstrate the concepts covered during the course.

MUM 6502C Music Production in Commercial Media 3 Credits**Grading Scheme:** Letter GradeThis course is intended to cultivate industry-standard skills in the recording arts and sciences for creating music that facilitates entrepreneurs' commercial media and marketing platforms. Students will cultivate audio engineering, microphone placement, production techniques to devise (1) original music and covers within various genres and (2) musical scores, foley FX, and voice-overs to support commercial media (i.e., albums, visual media, digital advertisements, and podcasts).
Prerequisite: Graduate student in the School of Music.**MUM 6565C Multimedia Production for the Music Industry 3 Credits****Grading Scheme:** Letter Grade

This course is intended to develop independent music professionals' skills for creating enthralling multimedia content and implementing strategic communication strategies for (1) applying effective target marketing via online platforms, (2) increasing employability for multimedia music presentations, and (3) expanding vocational opportunities within various sectors of the music industry.

Prerequisite: Graduate student in the School of Music.**MUN 6010 Graduate Ensemble 1 Credit, Max 3 Credits****Grading Scheme:** Letter Grade

For graduate students holding positions of leadership and participating in music ensembles.

MUN 6019 Ensemble Participation 0 Credits, Max 4 Credits**Grading Scheme:** Letter Grade

An ensemble of variable instrumentation and/or voices performing traditional and contemporary repertoire. For upper-division students who have completed required hours of ensemble participation or elective credits for their degree program, this ensemble exists to allow them to continue performing in ensembles without impacting semester load credits, or excess hours credits. This course allows students from any degree to continue participation in ensembles in support of the University.

Prerequisite: Successful completion of Four (4) MUN Prefix Ensembles. Audition (where required), Permission of Instructor and completion of required Large Ensemble or Elective Credits. Departmental Consent Required.**MUN 6125 Concert Band 1 Credit, Max 4 Credits****Grading Scheme:** Letter Grade

Performance of general and popular band literature.

MUN 6135 Symphonic Band 1 Credit, Max 4 Credits**Grading Scheme:** Letter Grade

Performance of traditional and contemporary band literature.

MUN 6145 Symphonic Wind Ensemble 1 Credit, Max 4 Credits**Grading Scheme:** Letter Grade

Performance of wind ensemble literature.

MUN 6215 University Orchestra 1 Credit, Max 4 Credits**Grading Scheme:** Letter Grade

Standard orchestra literature.

MUN 6315 Concert Choir 1 Credit, Max 4 Credits**Grading Scheme:** Letter Grade

Advanced choral ensemble providing specialized study and performance opportunities for vocally qualified students.

MUN 6325 Chorale 1 Credit, Max 4 Credits**Grading Scheme:** Letter Grade

Vocal training and public performance of varied treble chorus repertoire.

MUN 6335 Glee Club 1 Credit, Max 4 Credits**Grading Scheme:** Letter Grade

Vocal training and public performance of varied tenor-bass chorus repertoire.

MUN 6345 Chamber Singers 1 Credit, Max 10 Credits**Grading Scheme:** Letter Grade

Select ensemble of experienced singers that performs advanced choral literature. Students must possess a high degree of musicianship, artistry, and professionalism.

Prerequisite: Consent of instructor (successful audition).

MUN 6385 Choral Union 1 Credit, Max 10 Credits**Grading Scheme:** Letter Grade

Mixed choral ensemble open to students, faculty, staff, and local residents who have previous choral experience. Course literature is drawn from a variety of historical periods, cultures, and musical styles, presenting students with varied perspectives and experiences.

Prerequisite: Consent of instructor (successful audition).**MUN 6445 Percussion Ensemble 1 Credit, Max 4 Credits****Grading Scheme:** Letter Grade

Study and performance of ensemble literature for percussion instruments.

MUN 6496 World Music Ensemble 1 Credit, Max 4 Credits**Grading Scheme:** Letter Grade

Rehearsal and performance of folk and traditional music of the world.

MUN 6497 New Music Ensemble 1 Credit, Max 15 Credits**Grading Scheme:** Letter Grade

Rehearsal and performance of repertoire for small ensembles written in the 20th and 21st centuries.

Prerequisite: consent of instructor.**MUN 6649 Musical Theatre Instrumental Ensemble 1 Credit, Max 4 Credits****Grading Scheme:** Letter Grade

This course provides graduate students with an understanding of how an advanced theatre production is prepared. The student will engage in individual coaching with undergraduates, vocal preparation with the performers, and find opportunities to conduct. They will receive instruction in musical theatre styles/performance practices from the 1930s - present.

Prerequisite: Audition required or by recommendation of faculty.**MUN 6715 Jazz Band 1 Credit, Max 4 Credits****Grading Scheme:** Letter Grade

Standard and experimental jazz ensemble. Jazz laboratory.

MUN 6816 Steel Drum Ensemble 1 Credit, Max 8 Credits**Grading Scheme:** Letter Grade

Rehearsal, performance and historical aspects of steel drum.

Prerequisite: consent of instructor.**MUN 6835 World Music Ensemble - African Popular Music Ensemble 1 Credit, Max 4 Credits****Grading Scheme:** Letter Grade

The African Popular Music Ensemble will specialize in the popular music of the African continent, with a special focus on Afrobeat, highlife, soukous, African jazz, and the brass band traditions of Africa and the diaspora.

Prerequisite: Permission of instructor.**MUR 6206 Survey of Hymnody 3 Credits****Grading Scheme:** Letter Grade

Historical development of hymns in liturgical use, the scope of hymnic literature, and the major trends in hymnal compilation and editing.

MUR 6705 Sacred Music Literature 3 Credits**Grading Scheme:** Letter Grade

The development of congregational and choral song from the early church to the present. Survey of instrumental forms in worship music.

MUS 6685 Psychology of Music 3 Credits**Grading Scheme:** Letter Grade

Cultural influences, learning conditions, biological constraints, psychoacoustical phenomena, and musical taste. Measuring and predicting musical taste and ability.

MUS 6716 Methods of Musical Research and Bibliography 3 Credits**Grading Scheme:** Letter Grade

Materials and specialized techniques of research in musicology.

MUS 6905 Projects and Problems 1-3 Credits, Max 12 Credits**Grading Scheme:** Letter Grade

Approved problems for study and research.

MUS 6910 Supervised Research 1-5 Credits, Max 5 Credits**Grading Scheme:** S/U

Supervised Research

MUS 6940 Supervised Teaching 1-5 Credits, Max 5 Credits**Grading Scheme:** S/U

Supervised Teaching

MUS 6971 Research for Master's Thesis 1-15 Credits**Grading Scheme:** S/U

Research for Master's Thesis

MUS 6973 Individual Project 1-10 Credits, Max 10 Credits**Grading Scheme:** S/U

Creative project or graduate recital in lieu of written thesis. Project or recital must be acceptable to the candidate's supervisory committee and to the Graduate School.

MUS 7656 Teaching Music and the Creative Process 3 Credits**Grading Scheme:** Letter Grade

Examines the creative process, appropriate pedagogical applications, and curricular implications.

Prerequisite: graduate composition major or consent of instructor.**MUS 7905 Projects and Problems 1-3 Credits, Max 12 Credits****Grading Scheme:** Letter Grade

For doctoral students. Approved problems for study and research.

MUS 7941 Internship 1-12 Credits, Max 18 Credits**Grading Scheme:** S/U

A supervised internship for doctoral students in music, arranged to support professional goals and/or the students' cognate studies. The internship provides an opportunity for each student to work in a professional setting in a position that carries responsibility and is of particular interest.

Prerequisite: Graduate standing in music.**MUS 7951 Individual Project 1-6 Credits, Max 12 Credits****Grading Scheme:** S/U

Individual projects for doctoral students in music.

Prerequisite: Graduate standing in music.**MUS 7955 Preparation for Doctoral Project 1-6 Credits, Max 6 Credits****Grading Scheme:** S/U

For individual capstone projects for Doctor of Musical Arts students who have not yet passed their comprehensive examination but wish to begin work on their project. The scope and focus of the project will be determined by the student in consultation with his/her supervisor and doctoral committee.

MUS 7956 Doctoral Project 1-6 Credits, Max 6 Credits**Grading Scheme:** S/U

For individual capstone projects for Doctor of Musical Arts (DMA) students in music who have passed their comprehensive examination. The scope and focus of the project will be determined by the student in consultation with his/her supervisor and doctoral committee.

MUS 7979 Advanced Research 1-12 Credits**Grading Scheme:** S/U

Research for doctoral students before admission to candidacy. Designed for students with a master's degree in the field of study or for students who have been accepted for a doctoral program. Not appropriate for students who have been admitted to candidacy.

MUS 7980 Research for Doctoral Dissertation 1-15 Credits**Grading Scheme:** S/U

Research for Doctoral Dissertation

MUT 6051 Graduate Music Theory Review 3 Credits**Grading Scheme:** Letter Grade

Review of core materials in preparation for graduate course in music theory.

MUT 6177 Graduate Jazz Theory 3 Credits**Grading Scheme:** Letter Grade

Provides graduate instruction in jazz fundamentals, harmony, chord symbols, scales and modes, piano voicings and techniques in memorizing standards. Through completing this course students will have a solid knowledge of how to efficiently teach jazz theory and understand how to operate and manage online jazz theory technology platforms.

MUT 6445 Advanced Counterpoint 3 Credits**Grading Scheme:** Letter Grade

Emphasizes advanced harmonic techniques and fugal writing.

Prerequisite: MUT 4411, 4421.**MUT 6531 Figured Bass and Continuo Performance 3 Credits****Grading Scheme:** Letter Grade

Theoretical principles and practical application of figured bass realization and continuo performance practice techniques.

MUT 6565 Late Nineteenth- and Twentieth-Century Styles 3 Credits**Grading Scheme:** Letter Grade

Analysis of exemplary works of the late 19th and 20th centuries.

Prerequisite: MUT 6629.**MUT 6576 Contemporary Styles 3 Credits****Grading Scheme:** Letter Grade

Recent trends in music through score study and analysis, composition exercises, and supplementary readings.

Prerequisite: MUT 6629.**MUT 6617 Approaches to Theoretical Analysis in Music Education 3 Credits****Grading Scheme:** Letter Grade

Developing and enhancing skills in analyzing Western classical music, with an emphasis on application to the field of Music Education. Students will synthesize the essential concepts of music theory and analysis through examining selections from the repertoire to expand upon and refine analytical approaches learned in the undergraduate theory curriculum. Course activities will include analysis of music using visual and aural processes.

MUT 6627 Seminar in Reductive Analysis 3 Credits**Grading Scheme:** Letter Grade

Advanced study in reductive approach to analysis of music.

Prerequisite: MUT 6629.**MUT 6629 Analytical Techniques 3 Credits****Grading Scheme:** Letter Grade

Study of analytical systems and methodology emphasizing style analysis and the integration of all elements of music.

MUT 6751 Pedagogy of Music Theory 3 Credits**Grading Scheme:** Letter Grade

Techniques and art of teaching music theory and conditions for effective learning.

Prerequisite: MUT 6629.**MUT 6936 Music Theory Seminar 1-3 Credits, Max 12 Credits****Grading Scheme:** Letter Grade

Selected topics from current research for study, presentation, and discussion.

Prerequisite: MUT 6629.**MUT 7316 Advanced Orchestration 3 Credits****Grading Scheme:** Letter Grade

Analysis of 19th- and 20th-century compositions for full orchestra. Orchestration of original scores and arrangements for full orchestra.

MUT 7585 Seminar in Musical Style 3 Credits**Grading Scheme:** Letter Grade

Analysis of exemplary works from the Medieval period to the early 19th century.

Prerequisite: MUT 6629.**MUT 7760 History of Music Theory 3 Credits****Grading Scheme:** Letter Grade

The study of musical theories, primarily through readings, from ancient Greece to the present.

MVK 5156 Improvisational Keyboard Skills and Related Technology 2 Credits**Grading Scheme:** Letter Grade

Improvisational skills, electric keyboard technology, and musical styles outside the classical realm.

Prerequisite: upper-division and graduate keyboard majors and minors, or consent of instructor.**MVK 6605 Organ Pedagogy 3 Credits****Grading Scheme:** Letter Grade

Principles, methods, and practices currently used in the teaching of organ.

MVO 6250 Secondary Music Performance 1-3 Credits, Max 15 Credits**Grading Scheme:** Letter Grade

Offered in piano, voice, organ, harpsichord, historical instruments, conducting, carillon, and all standard band and orchestral instruments.

MVO 6460 Music Performance-MM 3 Credits, Max 9 Credits**Grading Scheme:** Letter Grade

Offered in piano, voice, organ, harpsichord, historical instruments, conducting, carillon, and all standard band and orchestral instruments.

MVO 7461 Music Performance-DMA 3 Credits, Max 9 Credits**Grading Scheme:** Letter Grade

For doctoral students. Offered in piano, voice, organ, harpsichord, historical instruments, conducting, carillon, and all standard band and orchestral instruments.

MVS 6651 String Pedagogy I 3 Credits**Grading Scheme:** Letter Grade

Survey of Suzuki violin pedagogy from Unit IA (Pre-Twinkle) through Unit IV (Vivaldi A Minor Concertos).

MVV 6651 Vocal Pedagogy 3 Credits**Grading Scheme:** Letter Grade

Study and teaching of vocal techniques.

Prerequisite: SPA 3101 or equivalent.