

Music

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Karen Fuller, *Senior Instructor*
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Orlando J. García, *Professor*
Kemal Gekic, *Professor*
James Hacker, *Senior Instructor*
William Dan Hardin, *Music Librarian*
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James Kelley, *Assistant Professor*
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Marcia Littley, *Instructor*
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José López, *Associate Professor*
Grzegorz Nowak, *Associate Professor*
Michael Orta, *Associate Professor*
Jamie Ousley, *Assistant Professor*
Jacob Sudol, *Assistant Professor*
Michael Vitenson, *Instructor*
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Master of Music

The School of Music offers a Master of Music degree with specialization in the following areas: music composition, music technology, jazz, performing arts production, applied (winds/percussion, strings, voice, piano, piano accompanying, organ), and conducting (choral, orchestral, wind). In addition, the department offers the Master of Science in Music Education. For more information please contact the School of Music.

Admissions Requirements

All students entering the graduate programs in the School of Music must possess an undergraduate Bachelor of Music degree from an accredited institution or the equivalent with a 3.0 GPA in the last 60 credits of study. The only exception to this requirement is found in the Music Management and Production, Music Education, and Music Technology areas, where students with undergraduate degrees in other related areas may be accepted, as long as they can demonstrate a sufficient musical background. In addition to the on-line application and documentation required by the University Graduate School, the School of Music graduate programs require an audition or interview and additional supporting materials. Please visit the Graduate Admissions website for School of Music admission requirements by degree and track.

Applicants who feel the earned GPA is not indicative of their ability to be successful in a graduate degree program may also submit scores on the Graduate Record Examination, which will be taken into consideration by the admission committee in its evaluation of the application.

- Wind/Percussion Performance: audition on instrument (and interview when feasible) – recordings acceptable
- String/Guitar Performance: audition on instrument (and interview when feasible) – recordings acceptable

- Keyboard/Organ Performance: audition on instrument (and interview when feasible) – recordings acceptable
- Vocal Performance: audition on voice (and interview when feasible) – recordings acceptable
- Conducting (choral, wind, orchestral): conducting audition (and interview when feasible) – video acceptable
- Jazz: audition on instrument (and interview when feasible) – recordings acceptable
- Composition: review of portfolio of scores (and interview when feasible)
- Music Management and Production: interview required
- Music Technology: portfolio of music or software, interview, CV, personal statement

General Requirements

Music Theory (Analytical Techniques course required in all areas except jazz, music technology, music education, and performing arts production)¹ 3
 Music History/Literature¹ (see each area for specific courses) 3
 Ensembles/applied/conducting (see each area for specific courses) 2

The above eight credits are included in the 36 credits required for most areas of concentration.

¹A placement exam is required before students are allowed into these courses. Remedial work may be required before these courses are taken. A grade of "B" or better must be earned in order for a course to count towards the MM in Music or the MS in Music Education.

Areas of Concentration

Composition (36 credit hours)

MUC 6251 Graduate Music Composition (3 semesters – 3 credits each) 9
 Composers Forum (4 semesters - 1 credit each) 4
 Electronic Music 2 semesters (2 credits per semester – beyond MIDI Tech class) 4
 MUT 5629 Analytical Techniques 3
 Graduate Electives to be selected in consultation with the composition area director 5
 MUH 6937 Special Topics in Music History 3
 MUS 5711 Music Bibliography 2
 Thesis/Recital (includes private lessons and 45 minute recital of student's compositions during last semester) 6

Performance

Applied Piano (36 credit hours)

MVK 5451 Applied Piano (3 semesters - 3 credits each) 9
 MUN 5515 Accompanying (2 semesters - 1 credit each) 2
 Chamber Music (2 semesters - 1 credit each) 2
 MUS 5906 Master's Recital (includes private lessons and recital during last semester) 6
 MUT 5629 Analytical Techniques 3
 MUL 5405/5406 Keyboard Literature I and II (2 semesters - 3 credits each) 6
 Major Ensemble (2 semesters - 1 credit each) 2
 MVK 5651 Piano Pedagogy 2
 MUS 5711 Bibliography 2
 MUH 6937 Special Topics in Music History 2

Piano Accompanying (38 credit hours)

Applied Piano (3 semesters - 3 credits each) 9

Music Management and Production (36 credit hours)

The M.M. in Music Management and Production will accept applications beginning with Admit Term Spring 2014.

MUM 5725	Live Music Operations I	2
MUM 5795	Music Production Lab	1
MUM 5726	Live Music Operations II	3
MUS 5512	Sound Reinforcement	2
MUM 5809	Music Production Seminar	3
MUM 5705	Advanced Business of Music*	3
MUM 5808	Grant Writing for the Arts	2
MUS 5971	Thesis	6
MUM 5946	Performing Arts Internship	4
MUS 5711	Music Bibliography	2
MUH 6937	Special Topics in Music History	3
MUT 5XXX	Graduate Music Theory	3
Graduate Music Electives		2

* prerequisite MUM 4301 or equivalent

Music Technology (36 credit hours)

MUC 6405	Electronic Music Lab III	2
MUC 5406	Electronic Music IV	2
MUC 5635	Computer Music Seminar I	3
MUC 5636	Computer Music Seminar II	3
MUS 5711	Music Bibliography	2
MUS 5512	Sound Reinforcement	2
PHY 5466	Physics of Music	3
MUT 5629	Analytical Techniques ³	3
MUH 6937	Special Topics in Music History	1
MUS 5971	Thesis	6
MUM 5946	Performing Arts Internship	1-9

**Master of Science in Music Education
Degree hours: (30)****Admission Requirements**

In addition to the general requirements listed under the Master of Music degree, an interview, writing sample, two letters of recommendation, and a video of classroom teaching are required.

Music Education: (12)

MUE 6938	Seminar in Music Education	3
MUE 6815	Psychological Foundations of Music Behavior	3
MUE 6785	Research in Music Education	3
MUE 6190	Curriculum and Policy Design in Music Education	3

Music Courses/Common Core: (6)

MUT 5629	Analytical Techniques	3
or		
MUT 5051	Graduate Theory Survey	3
MUH 5688	Graduate Music History Review IV	3
or		
Graduate Music History Elective		3

Personal Focus Courses: (9)

General Electives/Cognate Area		9
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Research: (3)

MUE 6971	Thesis in Music Education	3
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	or	
MUE 6910	Directed Research	3

Course Descriptions**Definition of Prefixes**

MUC-Music: Composition; MUE-Music: Education; MUG-Music: Conducting; MUH-Music: History/Musicology; MUL-Music: Literature; MUM-Music: Commercial; MUN-Music: Ensembles; MUO- Music: Opera/Musical Theatre; MUR-Music: Church; MUS-Music; MUT-Music: Theory; MVB-Applied Music/Brass; MVJ-Applied Music/Jazz; MVK-Applied Music-Keyboard; MVO-Applied Music/Other; MVP-Applied Music/Percussion; MVS-Applied Music/Strings; MVV-Applied Music/Voice; MVW-Applied Music/Woodwinds.

MUC 5406 Electronic Music IV (2). An advanced course in computer music providing students hands-on experience with recently developed hardware and software for the creation of music. Prerequisite: MUC 4400.

MUC 5407 Electronic Music V (2). Students develop new hardware and/or software for uses related to musical composition. Prerequisite: MUC 5406.

MUC 5635 Computer Music Seminar I (3). Introduces students to the historical contributions of computer music composers and engineers. Prerequisites: MUC 6305, MUC 6306. Corequisite: MUC 6405.

MUC 5636 Computer Music Seminar II (3). Introduces students to the compositional procedures used by computer music composers. Prerequisites: MUC 6305, MUC 6306, MUC 6405. Corequisite: MUC 5406.

MUC 5637 Computer Music Seminar III (3). Introduces students to the research technologies for making interactive sound projects including installations and exhibits. Prerequisites: MUC 6305, MUC 6306, MUC 6405, MUC 5406.

MUC 5935 Composition Forum (1). Student composers present their work for critique by faculty and topics relevant to composition are presented by faculty and guests. Prerequisite: Admission into the graduate composition program.

MUC 6251 Graduate Music Composition (3). The writing of evolved musical compositions with regard to each student's strengths and aesthetic development. Graduate standing in Music Composition and or permission of the instructor.

MUC 6305 Electronic Music Lab I (2). Exploration of the electronic medium including the history of electronic music, digital studio techniques, analog studio techniques, digital synthesis and analog synthesis. Prerequisites: MUC 5345 or permission of the instructor.

MUC 6306 Electronic Music Lab II (2). Continuation of Electronic Music Lab I with an emphasis on advanced MIDI applications including sampling, digital sequencing, digital signal processing and interactive MIDI software. Includes one large composition project. Prerequisite: MUC 6305.

MUC 6405 Electronic Music Lab III (2). Special projects in advanced electronic music programming environments

³ May substitute MUT 5051 Graduate Theory Survey

including Csound, MAX, Interactor, HMSL and CHANT. Includes one large composition project. Can be repeated 4 times. Prerequisite: MUC 6305.

MUE 5485 Marching Band Techniques (3). A study of show design and concepts; marching band management and organizational procedures including booster organizations, inventory, handbooks, grading procedures, rehearsal techniques. Prerequisite: Permission of the instructor.

MUE 5695 Landscape of 21st Century Performing Arts (3). This course examines the ways in which, using critical thinking, creativity and communication proficiency, students will be able to recognize the challenges that face today's performing arts educator, artist and organization. It aims to develop multiple ways to articulate and discuss new ways of teaching, performing and working within the arts. The objective is to guide students to innovative and multiple ways to apply their musical experiences to fit today's challenges and adaptive arts landscape.

MUE 5907 Directed Study in Music Education (1-3). Individual investigation in one or more areas of music education.

MUE 5921 Choral Conducting Workshop (3). The study of various topics related to choral literature, conducting and techniques. Prerequisite: Permission of the instructor.

MUE 5922 String Workshop (3). The study of various topics related to string literature, conducting and techniques. Prerequisite: Permission of the instructor.

MUE 5923 Instrumental Conducting Workshop (3). The study of various topics related to instrumental ensemble literature, conducting and techniques. Prerequisite: Permission of the instructor.

MUE 5924 Jazz Workshop (3). The study of various topics related to jazz literature, conducting and techniques. Prerequisite: Permission of the instructor.

MUE 5928 Workshop in Music (3). Applications of materials and techniques in music in a laboratory or field setting.

MUE 5945 Supervised Teaching: Music Education (6). Supervised teaching. Prerequisites: Admission to the Modified Masters Track Program and completion of prerequisite course work in education and the subject matter area.

MUE 6190 Curriculum and Policy Design in Music Education (3). Examination of the relationship between curriculum theory, policy practice and philosophical ideals within music education. Evaluation of traditional and innovative models and impact on learning.

MUE 6305 Instruction in Early Childhood Music (3). Elective in masters program in early childhood education. Refines skills related to program development, methods of teaching, selection of materials, and review of research, in preschool, kindergarten and primary grades.

MUE 6316 Instruction in Elementary Music (3). This course is designed to provide a balance and make connections between the study of theory and philosophy and the practice of music education and working with elementary-aged children.

MUE 6345 The Methodology and Analysis of Music Teaching (3). A data based analysis of methods and programs in the public schools and the development of music pedagogy skills. Reviews current research findings and applies them where applicable to the field of Music Education. Required for the Masters Degree. Prerequisite: Undergraduate Degree.

MUE 6396 Music in Special Education (3). The study of musical experiences for students with disabilities in mainstreamed and self-contained special education music classes. Musical adaptations and modifications are emphasized.

MUE 6785 Research in Music Education (3). A survey of current research and past research trends in music education. Applied training in techniques of design and data analysis.

MUE 6815 Psychological Foundations of Music Behavior (3). Overview of acoustical, psychological and physiological foundations of music as it influences human behavior. Covers musical acoustics, anatomy of human hearing, music perception, reactions, personality, mood and powers of music discrimination. Required for the Master of Science in Music Education degree. Prerequisite: Undergraduate degree.

MUE 6910 Directed Research (3). This course is designed to provide an opportunity for students to engage in high-level inquiry focusing on an area of specialization within the music education profession.

MUE 6925-26 Special Topics in Music Education (1-3). Applications of new, innovative or contemporary materials and/or techniques in music education. May be used for elective credit with permission of the program director.

MUE 6938 Seminar in Music Education (3). Seminar topics concerning historic music education programs in the United States and other countries, as well as current issues and problems facing the music educator. Required for the Master of Science in Music Education degree. Prerequisite: Undergraduate degree.

MUE 6971 Thesis in Music Education (1-3). Research and paper for Masters Candidates in Music Education. Prerequisites: MUE 6785 and permission of Graduate Advisor in Music Education.

MUG 5105 Advanced Conducting Techniques (1). An extension of form and analysis, with interpretation both in instrumental and choral conducting. Twentieth century scoring and symbol interpretation will be studied in depth, with actual conducting experience required.

MUG 5205 Graduate Applied Choral Conducting (3). Advanced study of choral conducting, including gesture, rehearsal techniques, and repertoire. Prerequisites: Graduate standing and permission of the instructor.

MUG 5307 Graduate Applied Instrumental Conducting (3). Advanced study of wind conducting, including gesture, rehearsal techniques, and repertoire. Prerequisites: Graduate standing and permission of the instructor.

MUG 5935 Conducting Seminar (1). An examination of the principal issues of conducting, emphasizing score reading and study, rehearsal, interpretation, and contemporary techniques. Prerequisites: Graduate standing and/or permission of the instructor.

MUG 6309 Graduate Applied Orchestral Conducting (3). Advanced study of orchestral conducting, including gesture, rehearsal techniques and repertoire. May be repeated. Prerequisites: Graduate standing or permission of the instructor.

MUH 5025 History of Popular Music in the U.S. (3). Overview of Afro-American and Euro-American popular music and its historical development. Examination of musical style and social context in lecture-discussion format with film and video.

MUH 5057 Music of the World (3). Survey of folk, popular and classical musical traditions from around the world. Examination of musical style and social context with film and performance demonstrations.

MUH 5065 Latino Music in the United States (3). Survey of Latin American musical traditions brought through immigration. Examination of musical style and social context in lecture-discussion format with film and performance demonstrations.

MUH 5066 Music of Mexico and Central America (3). A survey of folk, popular and classical musical traditions in the region. Examination of musical style and social context in lecture-discussion format with film and performance demonstrations.

MUH 5067 Music of the Caribbean (3). Survey of folk, popular and classical musical traditions and their ongoing connection with Caribbean populations in the U.S. Class includes film and performance demonstrations.

MUH 5075 Women in Music (3). Introduces students to women musicians including performers, composers, and researchers from all genres.

MUH 5219 Graduate Music History Survey (1-3). Music history overview for entering graduate students. Prerequisite: Music history placement test.

MUH 5345 Musical Style and Practice in the Baroque Era (3). Detailed treatment of the genres, styles, and composers of the Baroque period within the wider context of Baroque aesthetics and culture. Exploration and application of Baroque performance practice.

MUH 5546 Music of the Americas (3). An exploration of the folk, popular, and art music of Latin America.

MUH 5575 Survey of Asian Music (3). Examines the major Asian musical traditions within the cultural framework of history, arts and traditions.

MUH 5685 Graduate Music History Review I (1-3). Examination of music history achievements from antiquity through the renaissance. Musical structures and composers from these eras are studied through lectures supplemented by recordings and musical analysis. Prerequisites: Graduate standing and permission of the instructor.

MUH 5686 Graduate Music History Review II (1-3). Examination of music history achievements of the Baroque and Classical eras. Musical structures and composers from these eras are studied through lectures supplemented by recordings and musical analysis. Prerequisites: Graduate standing and permission of the instructor.

MUH 5687 Graduate Music History Review III (1-3). Examination of music history achievements from the Romantic era to the present. Musical structures and composers from these eras are studied through lectures supplemented by recordings and musical analysis. Prerequisites: Graduate standing and permission of the instructor.

MUH 5688 Graduate Music History Review IV (1-3). The fourth semester of the music history sequence covers the history of music from 1945 to the present, and includes the detailed study of its literature through critical listening and analysis. Prerequisite: Music majors.

MUH 5815 Jazz History: The Innovators (2). The work of four artists whose innovations have profoundly defined the jazz idiom from its beginning through the present day—Duke Ellington, Charlie Parker, Miles Davis, and John Coltrane.

MUH 6937 Special Topics in Music History (1-3). Graduate seminar with rotating topics, each one focusing on a narrow historical era, geographical area, or subject related to the history of music and its performance. May be repeated. Prerequisites: Pass all sections of Music History Placement Test, MUH 5219, or MUH 5685-88.

MUL 5405 Keyboard Literature I (3). Study of solo works for the keyboard from historical beginnings to 1828. Performance practices and stylistic analysis will be emphasized, with illustrations of representative works.

MUL 5406 Keyboard Literature II (3). Study of solo works for the keyboard from 1828 to the present. Performance practices and stylistic analysis will be emphasized, with illustrations of representative works. Prerequisite: MUL 5405.

MUL 5435 Guitar Literature (3). Survey of solo, chamber, and concerto guitar literature from the 16th century to the present. Repertoires will be examined from historical, analytical, pedagogical, and text-critical perspectives.

MUL 5456 Wind Instrument Literature (3). The history and development of Wind Instrument Literature from ca. 1650 to the present day. Music appropriate for all levels of instruction from middle school through college level is included. Prerequisites: Graduate standing in Music and permission of the instructor.

MUL 5495 Survey of Organ Literature (3). Survey of organ literature, history, performance practice and organ design. Includes historic sound recordings and in-class performance. Prerequisites: Graduate standing in Music and permission of the instructor.

MUL 5496 Organ Literature I (3). Survey of organ literature from antiquity to 1750 in the German, French, Italian schools.

MUL 5497 Organ Literature II (3). Survey of organ literature from 1750 to the present in the German, French, and American schools.

MUL 5505 Symphonic Literature (3). The study of the symphony and the symphonic tone poem from its origin in the Baroque period to the twentieth century. Prerequisites: Graduate standing in Music and permission of the instructor.

MUL 5607 Vocal Literature I (2). A survey of solo vocal literature from the 17th century to the late 18th century.

Emphasis will be placed on a discussion of ornamentation and performance-practice and comparisons of editions. Prerequisites: Graduate standing in Music and permission of the instructor.

MUL 5609 Survey of Art Song Literature (3). An historical survey of the literature for solo voice from the medieval period to the national schools of the contemporary era.

MUL 5624 Vocal Literature II (2). The German Lied and its poetry. Emphasis will be placed on a study of the poets and their poetry, important facts of the composers' lives and times and other musical and cultural developments. Prerequisite: Graduate Standing.

MUL 5625 Vocal Literature III (2). The French Melodie. Emphasis will be placed on a study of the poets and their poetry, their styles and schools, the composers' lives and times and other musical and cultural developments. Prerequisite: Graduate Standing.

MUL 5626 Vocal Literature IV (2). Twentieth-century art song. Emphasis will be placed on the rise of the nationalist schools, the development of atonalism and other modern schools of thought. Prerequisites: Graduate standing in Music and permission of the instructor.

MUL 5645 Choral Literature (3). A survey of sacred and secular choral literature from the Middle Ages to the present. Emphasis on stylistic analysis and performance practice for each style period. Includes score study, aural analysis of recorded performances and in-class performances. Prerequisites: Graduate standing in Music and permission of the instructor.

MUL 5671 Opera Literature (3). A chronological survey of operatic literature from the 17th century to the present day. Emphasis placed on the historical milieu in which the operatic form evolved through the ages. Prerequisites: Graduate standing in Music and permission of the instructor.

MUM 5705 Advanced Business of Music (3). Topics include strategic planning, employee development, and decision making. Also includes a study of publishing, collection agencies, creative unions, and contracts with composers and publishers. Prerequisites: MUM 4301 and permission of the graduate advisor.

MUM 5715 Performing Arts Production I (2). Focus on the various aspects of performing arts production. Students attend performances of every possible genre of performing arts and critique the production and the venue. Prerequisite: Permission of the graduate advisor.

MUM 5725 Live Music Operations I (2). How promoters and producers project a profit margin and the ability to oversee a profit; considering overhead, scheduling, accommodations, concessions, sound and light. Prerequisite: Permission of the graduate advisor.

MUM 5726 Live Music Operations II (3). Continuation of MUM 5725, Live Music Operations I. Emphasis on promoters', producers', and managers' ability to project a profit margin. An on-campus production is required as the final project. Prerequisites: MUM 5725 and permission of the graduate advisor.

MUM 5795 Music Production Laboratory I (1). Students are assigned to work in the production of 10-15 individual

concert productions. The productions are varied and provide the students the opportunity to put in practice work learned in the classroom. Prerequisite: Permission of the graduate advisor.

MUM 5796 Music Production Laboratory II (1). A continuation of Music Production Lab I. Students are assigned to work in the production of 10-15 individual concert productions. Prerequisites: MUM 5795 and permission of the graduate advisor.

MUM 5797 Music Production Laboratory III (1). A continuation of Music Production Lab II. Students are assigned to work in the production of 10-15 individual concert productions. Prerequisites: MUM 5796 and permission of the graduate advisor.

MUM 5808 Grant Writing for the Arts (2). Designed to familiarize the student with the tools and techniques in writing a successful grant proposal. Focuses on the perspective of the arts manager/administrator in relations to grant writing and grant management.

MUM 5809 Music Production Seminar (3). Explores issues and practical applications in the management of music centers, arts organizations and arts centers. Includes examination of local arts centers, local arts councils, music venues, performing arts venues, arts organization and arts service organizations. Prerequisites: Graduate standing or permission of instructor.

MUM 5946 Performance Arts Internship (1-9). Interns assist and/or observe in all job functions and duties at an entertainment venue. Areas include: production management; design services; technical production; talent booking and casting; and creative show development. Prerequisite: Permission of the graduate advisor.

MUN 5105 Golden Panther Band (3). A study and performance of pop, jazz, and rock musical selections for the instrumental medium. Students will demonstrate what they have learned by performing and through individualized playing examinations. Prerequisite: Permission of the instructor.

MUN 5125 Symphony Band (1). Concert Band ensemble for music majors on secondary instruments and non-music majors. Various types of concert band literature covered from differing grade levels. Course open to anyone who has previous experience playing a wind or percussion instrument.

MUN 5145 Symphonic Wind Ensemble (1). Readings and performances of wind ensemble music from the 18th century to the present. Open to wind and percussion instrumentalists. Prerequisite: Permission of the conductor.

MUN 5215 Orchestra (1). An instrumental ensemble performing works from the symphonic repertory. Prerequisites: Previous experience and permission of the conductor.

MUN 5245 String Ensemble (1). Performance of orchestra literature for large string ensembles. Prerequisite: Permission of the instructor.

MUN 5315 Concert Choir (1). A choral ensemble performing music written and arranged for mixed voices. Prerequisite: Permission of the instructor.

MUN 5325 Women's Chorus (1). A choral ensemble performing music written or arranged for women's voices. Prerequisite: Permission of the instructor.

MUN 5335 Men's Chorus (1). A choral ensemble performing music written or arranged for men's voices. Prerequisite: Permission of the instructor.

MUN 5345 University Chorale (1). A mixed choir performing repertoire from Renaissance to Modern, as well as multicultural works. Prerequisite: Permission of the conductor.

MUN 5385 Master Chorale (1). A chorus performing a repertoire primarily from great choral works. Large orchestral accompaniment as well as various instrumental ensembles will be utilized. Prerequisite: Permission of the conductor.

MUN 5435 University Brass Choir (1). A study and performance of literature written for the brass medium (trumpet, horn, trombone, euphonium, and tuba) from the pre-baroque, baroque, classical, romantic and contemporary periods. May be repeated. Prerequisite: Permission of the instructor.

MUN 5445 Percussion Ensemble (1). A study and performance of music literature characteristic of the percussion ensemble. Prerequisite: Permission of the instructor.

MUN 5455 Piano Ensemble (1). The presentation and performance of music literature characteristic of piano and pianos in ensemble.

MUN 5465 Chamber Music (1). Small ensemble in the performing of chamber music literature. Prerequisite: Permission of the conductor.

MUN 5477 Collegium Musicum (1). Collegium musicum provides a forum for the study and performance of the musical literature of the Medieval, Renaissance, and Baroque eras. Participation in the composition of program notes and rehearsal direction are additional components. Prerequisite: Permission of the instructor.

MUN 5485 Guitar Ensemble (1). The presentation and performance of music literature characteristic of the Guitar Ensemble. Prerequisite: Permission of the conductor.

MUN 5496 New Music Ensemble (1). A chamber group of varying instrumentation and size performing art music from the 20th century with emphasis on music from the past 20 years. Explores electronics, multimedia works, etc. Prerequisite: Permission of the instructor.

MUN 5515 Accompanying (1). Accompanying instrumental and vocal students in studio and recital situations.

MUN 5715 Studio Jazz Ensemble (1). An ensemble to provide creative professional-level experience in the contemporary popular idiom. Permission of the conductor.

MUN 5716 Jazz Combo Class (1). Harmonic practice, formal procedures, rhythmic and improvisational practices of jazz performance in the small group. Prerequisite: Permission of the conductor.

MUN 5725 Jazz Vocal Ensemble (1). Students learn to perform both as a soloist and ensemble singer. Expectations are progressive in accordance with student's

class level. Ensemble includes a rhythm section to accompany the vocalists.

MUN 5785 Jazz Ensemble Rehearsal Techniques (1). An ensemble that provides its members a creative approach to jazz ensemble rehearsal techniques, literature, improvisation and related materials. Prerequisite: Permission of the instructor.

MUN 5795 Latin Jazz Ensemble (1). An ensemble to provide professional-level experience in the salsa/Latin jazz idiom. May be repeated. Prerequisite: Permission of the instructor.

MUN 5826 Latin American Music Ensemble (1). Study and performance of one or more folk and/or popular musical styles from Latin America.

MUO 5505 Opera Workshop (1). The presentation and performance of music literature indigenous to the opera stage. Prerequisite: Permission of the director.

MUR 5946 Organ Practicum (2). Study of practical aspects of organ performance as it pertains to employment within a sacred chamber music setting. MUS 5205 Graduate Review Diction I (2). To review the rules and methods of correct pronunciation of Italian, French and Latin lyric diction as applied to singing opera, oratorio and art song.

MUS 5205 Graduate Review Diction I (2). To review the rules and methods of correct pronunciation of Italian, French, and Latin lyric diction as applied to singing opera, oratorio, and art song.

MUS 5206 Graduate Review Diction II (2). A review of the rules and skills for proper enunciation of English, German and Spanish language in the performance of classical vocal music.

MUS 5345 MIDI Technology (2). Introduction to MIDI technology including sequencing, notation, patch editing and a variety of other applications. Prerequisites: Graduate standing in Music and permission of the instructor.

MUS 5512 Sound Reinforcement (2). Exploration of live music on location, dealing with commonly encountered acoustical problems and how to overcome them. Prerequisite: Permission of the graduate advisor.

MUS 5527 Laptop and Electronic Arts Ensemble (1). The Laptop and Electronic Arts Ensemble explores new combinations of live electronics with acoustic instruments and other media by performing a diverse repertoire of music and new works. May be repeated. Prerequisites: MUC 2301/MUC 6305.

MUS 5655 Expanding Artistic Expression (2). Focuses on expanding the horizons of the artistic vision of the student. Accomplished through a series of projects. Prerequisite: Permission of the graduate advisor.

MUS 5711 Music Bibliography (2). Library research methods and materials; documentation of research results in bibliographic style. Develops critical thinking and evaluative skills regarding sources of information, print and online. Prerequisites: Graduate standing in Music and permission of the instructor.

MUS 5905 Directed Study (VAR). Designed to provide areas of exploration and specialization beyond the basic

selected study programs, such as electronic music, religious music literature, sound techniques, etc. Prerequisite: Permission of the instructor.

MUS 5906 Master's Recital (1-6). For students working on a recital for Master in Music. To be completed under the supervision of a faculty member. Prerequisites: Graduate standing and permission of the instructor.

MUS 5910 Research (VAR). Research composition or performance projects, under the guidance and direction of the music faculty. (May be repeated). Prerequisite: Permission of the instructor.

MUS 5971 Thesis (1-6). Research and/or performances towards completion of master's thesis work. Prerequisites: Graduate standing and permission of the instructor.

MUS 6658 Experimental Music and Arts (3). The course covers the history of interdisciplinary art created in the 20th century while giving students from different areas the opportunity to create interdisciplinary works.

MUT 5051 Graduate Theory Survey (1-3). Analytical, theoretical and aural skills required for successful graduate studies in music. Prerequisites: Graduate standing in Music and permission of the instructor.

MUT 5152 Comprehensive Musical Systems (3). Examination of various comprehensive theoretical systems utilized in the analysis of music. Prerequisites: Graduate standing in Music and permission of the instructor.

MUT 5316 Advanced Orchestration (3). Examination of orchestration techniques utilized by composers from the Baroque era through current times. Prerequisites: Graduate standing in Music and permission of the instructor.

MUT 5355 Advanced Jazz Arranging and Composition (2). Scores and recordings of various sized jazz ensembles are studied for technique and style. Students compositions and arrangements are performed. Topics include: forms, voicing techniques, instrumentation-live performance vs. recording session. Prerequisites: MUT 4353; MUT 4663; MUT 4664.

MUT 5381 Arranging (3). A course in practical arranging for the public school teacher, including choral, band, and popular arranging. Prerequisites: MUT 2117 and MUT 2227.

MUT 5411 Modal Counterpoint (3). Develop skills necessary to write in the Renaissance style and to analyze the masterworks of Palestrina, Lassus, Victoria, and others. Prerequisites: Graduate standing in Music and permission of the instructor.

MUT 5486 Advanced Jazz Rehearsal Techniques (2). Study and practical application of complete preparation, programming, and rehearsing of small and large jazz ensembles. Students study scores and recordings of various jazz styles and rehearse school's ensembles. Prerequisites: MUN 4784; MUT 4643; MUT 4663; MUT 4664.

MUT 5585 Musical Styles Through Strict Composition (3). This course is designed to develop basic compositional skills for writing works in all forms. Prerequisites: Graduate standing in Music and permission of the instructor.

MUT 5627 Schenkerian Analysis (3). Advanced studies in Schenkerian analysis of tonal music. Prerequisites: Graduate standing in Music and permission of the instructor.

MUT 5628 Atonal Analysis (3). Advanced studies in set theory and serial techniques of twentieth-century music. Prerequisites: Graduate standing in Music and permission of the instructor.

MUT 5629 Analytical Techniques (3). Examination and practice of various techniques utilized in the analysis of art music from the common practice period through the 20th century. Prerequisites: Graduate standing in Music and permission of the instructor. Placement tests required.

MUT 5646 Advanced Jazz Techniques I (3). A comprehensive, theoretical study of topics related to jazz performance. Includes the nature of improvisation, advanced jazz harmony, theory of jazz improvisation, transcribing and analyzing solos of jazz masters. Prerequisite: MUT 4643.

MUT 5647 Advanced Jazz Techniques II (3). A continuing study of topics related to jazz performance. Includes analyzing solos of jazz masters, development of repertoire, style, and aesthetic concepts. Prerequisite: MUT 5646.

MUT 5746 Jazz Pedagogy (2). Materials, techniques, and philosophies related to teaching jazz. Includes preparation of courses, course outline and syllabi, lesson plans, lectures. Texts and other resources such as videos, recordings, periodicals, are examined. Prerequisites: MUT 4663; MUT 5355.

MUT 5930 Special Topics (3). Examination of composers, compositional schools, or other areas of specialization and/or interest to the theory/composition faculty. Prerequisites: Graduate standing in Music and permission of the instructor.

MVB 5251 Secondary Applied Trumpet (1). Individual instruction in applied music on trumpet as a secondary instrument. Prerequisite: Permission of the instructor.

MVB 5252 Secondary Applied French Horn (1). Individual instruction in applied music on French horn as a secondary instrument. Prerequisite: Permission of the instructor.

MVB 5253 Secondary Applied Trombone (1). Individual instruction in applied music on trombone as a secondary instrument. Prerequisite: Permission of the instructor.

MVB 5254 Secondary Applied Baritone Horn (1). Individual instruction in applied music on baritone horn as a secondary instrument. Prerequisite: Permission of the instructor.

MVB 5255 Secondary Applied Tuba (1). Individual instruction in applied music on tuba as a secondary instrument. Prerequisite: Permission of the instructor.

MVB 5351 Principal Applied Trumpet (2). Individual instruction in applied music on trumpet as a principal instrument. Music majors only.

MVB 5352 Principal Applied French Horn (2). Individual instruction in applied music on French horn as a principal instrument. Music majors only.

MVB 5353 Principal Applied Trombone (2). Individual instruction in applied music on applied trombone as a principal instrument. Music majors only.

MVB 5354 Principal Applied Baritone Horn (2). Individual instruction in applied music on baritone horn as a principal instrument. Music majors only.

MVB 5355 Principal Applied Tuba (2). Individual instruction in applied music on tuba as a principal instrument. Music majors only.

MVB 5451 Major Applied Trumpet (3). Individual instruction in applied music on trumpet as a major instrument. Music majors only.

MVB 5452 Major Applied French Horn (3). Individual instruction in applied music on French horn as a major instrument. Music majors only.

MVB 5453 Major Applied Trombone (3). Individual instruction in applied music on trombone as a major instrument. Music majors only.

MVB 5454 Major Applied Baritone Horn (3). Individual instruction in applied music on baritone horn as a major instrument. Music majors only.

MVB 5455 Major Applied Tuba (3). Individual instruction in applied music on tuba as a major instrument. Music majors only.

MVJ 5150 Jazz Piano Techniques (1). Performance of basic jazz standards. Includes basic techniques of the instrument, chord voicing, comping, lead sheet realization for non-pianists. Prerequisites: Graduate standing or permission of the instructor.

MVJ 5250 Secondary Jazz Piano (1). Individual instruction in applied jazz music on piano. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 5253 Secondary Jazz Guitar (1). Individual instruction in applied jazz music on guitar. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 5254 Secondary Jazz Bass (1). Individual instruction in applied jazz music on bass. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 5255 Secondary Jazz Flute (1). Individual instruction in applied jazz music on flute. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 5256 Secondary Jazz Saxophone (1). Individual instruction in applied jazz music on saxophone. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 5257 Secondary Jazz Trumpet (1). Individual instruction in applied jazz music on trumpet. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 5258 Secondary Jazz Trombone (1). Individual instruction in applied jazz music on trombone. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 5259 Secondary Latin Jazz Percussion (1). Individual instruction in applied jazz music on percussion. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 5350 Principal Applied Jazz: Keyboard (2). Individual advanced instruction on major instrument. An in-depth study of overall instrumental technique, eminent jazz styles, and other performance practices that are particularly relevant to jazz.

MVJ 5351 Principle Applied Jazz Voice (2). Individual instruction in the Jazz Vocal Idiom. Study includes health and vocal technique, advanced development of repertoire, specific and necessary skills for compelling public performance.

MVJ 5353 Principal Applied Jazz Guitar (2). Individual advanced instruction on major instrument. An in-depth study of overall instrumental technique, eminent jazz styles, and other performance practices that are particularly relevant to jazz.

MVJ 5354 Principal Applied Jazz: Bass (2). Individual advanced instruction on major instrument. An in-depth study of overall instrumental technique, eminent jazz styles, and other performance practices that are particularly relevant to jazz. Prerequisite: MVJ 4344.

MVJ 5355 Principal Applied Jazz: Flute (2). Individual advanced instruction on major instrument. An in-depth study of overall instrumental technique, eminent jazz styles, and other performance practices that are particularly relevant to jazz.

MVJ 5356 Principal Applied Jazz: Saxophone (2). Individual advanced instruction on major instrument. An in-depth study of overall instrumental technique, eminent jazz styles, and other performance practices that are particularly relevant to jazz.

MVJ 5357 Principal Applied Jazz: Trumpet (2). Individual advanced instruction on major instrument. An in-depth study of overall instrumental technique, eminent jazz styles, and other performance practices that are particularly relevant to jazz.

MVJ 5358 Principal Applied Jazz: Trombone (2). Individual advanced instruction on major instrument. An in-depth study of overall instrumental technique, eminent jazz styles, and other performance practices that are particularly relevant to jazz.

MVJ 5359 Principal Applied Jazz: Percussion (2). Individual advanced instruction on major instrument. An in-depth study of overall instrumental technique, eminent jazz styles, and other performance practices that are particularly relevant to jazz.

MVJ 5450 Major Applied Jazz Piano (3). Individual instruction in applied music at the graduate level. Prerequisite: Audition.

MVJ 5451 Major Applied Jazz Voice (3). Individual instruction in the Jazz Vocal Idiom at an advanced graduate level, consistent with the other courses in the MM in Jazz performance degree. Study includes healthy vocal technique, eminent vocal jazz and related musical styles, singing with a microphone, advanced development of repertoire, specific and necessary skills for a strong public and recorded performance.

MVJ 5453 Major Applied Jazz Guitar (3). Individual instruction on major instrument, focusing on the jazz idiom. An in-depth study of overall instrumental technique, eminent styles, and other performance practices that are particularly relevant to jazz and commercial performance. Prerequisite: Music majors only.

MVJ 5454 Major Applied Jazz Bass (3). Individual instruction on major instrument, focusing on the jazz idiom. An in-depth study of overall instrumental technique, eminent styles, and other performance practices that are particularly relevant to jazz and commercial performance. Prerequisite: Music majors only

MVJ 5455 Major Applied Jazz Drums (3). Individual instruction in applied music at the graduate level. Prerequisite: Audition.

MVJ 5456 Major Applied Jazz Saxophone (3). Individual instruction on major instrument. An in-depth study of overall instrumental technique, styles, and other performance practices particularly relevant to jazz. Prerequisite: Audition.

MVJ 5457 Major Applied Jazz Trumpet (3). Individual instruction in applied music on jazz trumpet at a major level. Prerequisite: Music majors only.

MVJ 5458 Major Applied Jazz Trombone (2). Individual instruction in applied music on jazz trombone at a major level. Prerequisite: Music majors only.

MVJ 5459 Major Applied Jazz Latin Percussion (3). Individual instruction in applied music on jazz percussion as a major instrument. Prerequisite: Music majors only.

MVK 5251 Secondary Applied Piano (1). Individual instruction in applied music on piano as a secondary instrument. Prerequisite: Permission of the instructor.

MVK 5253 Secondary Applied Organ (1). Individual instruction in applied music on organ as a secondary instrument. Prerequisite: Permission of the instructor.

MVK 5351 Principal Applied Piano (2). Individual instruction in applied music on piano as a principal instrument. Music majors only.

MVK 5353 Principal Applied Organ (2). Individual instruction in applied music on organ as a principal instrument. Music majors only.

MVK 5451 Major Applied Piano (3). Individual instruction in applied music on piano as a major instrument. Music majors only.

MVK 5453 Major Applied Organ (3). Individual instruction in applied music on organ as a major instrument. Music majors only.

MVK 5605 Organ Pedagogy (2). An overview of historical and modern organ methods, pedagogies and supporting material.

MVK 5651 Piano Pedagogy (2). Survey of current piano teaching methods.

MVK 5712 Survey of Dance Accompaniment (1). Survey of European dance tradition and musical accompaniment. Particular emphasis on the selection, improvisation/composition of musical accompaniment to Classical Ballet. Prerequisite: Graduate piano majors.

MVO 5651 Graduate Pedagogy (1). The development of teaching skills required by graduate assistants, including classroom skills, designing examinations, etc. Prerequisite: Graduate assistants.

MVP 5251 Secondary Applied Percussion (1). Individual instruction in applied music on percussion as a secondary instrument. Prerequisite: Permission of the instructor.

MVP 5351 Principal Applied Percussion (2). Individual instruction in applied music on percussion as a principal instrument. Music majors only.

MVP 5451 Major Applied Percussion (3). Individual instruction in applied music on percussion as a major instrument. Music majors only.

MVS 5251 Secondary Applied Violin (1). Individual instruction in applied music on violin as a secondary instrument. Prerequisite: Permission of the instructor.

MVS 5252 Secondary Applied Viola (1). Individual instruction in applied music on viola as a secondary instrument. Prerequisite: Permission of the instructor.

MVS 5253 Secondary Applied Cello (1). Individual instruction in applied music on cello as a secondary instrument. Prerequisite: Permission of the instructor.

MVS 5254 Secondary Applied Double Bass (1). Individual instruction in applied music on double bass as a secondary instrument. Prerequisite: Permission of the instructor.

MVS 5255 Secondary Applied Harp (1). Individual instruction in applied music on harp as a secondary instrument. Prerequisite: Permission of the instructor.

MVS 5256 Secondary Applied Guitar (1). Individual instruction in applied music on guitar as a secondary instrument. Prerequisite: Permission of the instructor.

MVS 5351 Principal Applied Violin (2). Individual instruction in applied music on violin as a principal instrument. Music majors only.

MVS 5352 Principal Applied Viola (2). Individual instruction in applied music on viola as a principal instrument. Music majors only.

MVS 5353 Principal Applied Cello (2). Individual instruction in applied music on cello as a principal instrument. Music majors only.

MVS 5354 Principal Applied Double Bass (2). Individual instruction in applied music on double brass as a principal instrument. Music majors only.

MVS 5355 Principal Applied Harp (2). Individual instruction in applied music on harp as a principal instrument. Music majors only.

MVS 5356 Principal Applied Guitar (2). Individual instruction in applied music on guitar as a principal instrument. Music majors only.

MVS 5451 Major Applied Violin (3). Individual instruction in applied music on violin as a major instrument. Music majors only.

MVS 5452 Major Applied Viola (3). Individual instruction in applied music on viola as a major instrument. Music majors only.

MVS 5453 Major Applied Cello (3). Individual instruction in applied music on cello as a major instrument. Music majors only.

MVS 5454 Major Applied Double Bass (3). Individual instruction in applied music on double brass as a major instrument. Music majors only.

MVS 5455 Major Applied Harp (3). Individual instruction in applied music on harp as a major instrument. Music majors only.

MVS 5456 Major Applied Guitar (3). Individual instruction in applied music on guitar as a major instrument. Music majors only.

MVS 5545 Orchestral Audition Repertoire (3). This course prepares upper string players, primarily violinists, for professional auditions by coaching them intensively in the standard audition repertoire and by holding mock auditions. Prerequisite: Permission of the instructor.

MVV 5251 Secondary Voice (1). Individual instruction in applied music on voice as a secondary instrument. Prerequisite: Permission of the instructor.

MVV 5351 Principal Applied Voice (2). Individual instruction in applied music on trumpet as a principal instrument. Music majors only.

MVV 5451 Major Applied Voice (3). Individual instruction in applied music on voice as a major instrument. Music majors only.

MVV 5651 Graduate Vocal Pedagogy I (2). An introduction to the history and development of vocal pedagogy for the graduate voice major. Emphasis will be placed on a study of the anatomy and acoustics of the human voice.

MVV 5652 Graduate Vocal Pedagogy II (2). Practical application of the principles of vocal technique in the studio. Emphasis will be placed on the psychological factors which apply to singing and the teaching of singing. Prerequisite: Graduate Vocal Pedagogy I.

MVW 5251 Secondary Applied Flute (1). Individual instruction in applied music on flute as a secondary instrument. Prerequisite: Permission of the instructor.

MVW 5252 Secondary Applied Oboe (1). Individual instruction in applied music on oboe as a secondary instrument. Prerequisite: Permission of the instructor.

MVW 5253 Secondary Applied Clarinet (1). Individual instruction in applied music on clarinet as a secondary instrument. Prerequisite: Permission of the instructor.

MVW 5254 Secondary Applied Bassoon (1). Individual instruction in applied music on bassoon as a secondary instrument. Prerequisite: Permission of the instructor.

MVW 5255 Secondary Applied Saxophone (1). Individual instruction in applied music on saxophone as a secondary instrument. Prerequisite: Permission of the instructor.

MVW 5351 Principal Applied Flute (2). Individual instruction in applied music on flute as a principal instrument. Music majors only.

MVW 5352 Principal Applied Oboe (2). Individual instruction in applied music on oboe as a principal instrument. Music majors only.

MVW 5353 Principal Applied Clarinet (2). Individual instruction in applied music on clarinet as a principal instrument. Music majors only.

MVW 5354 Principal Applied Bassoon (2). Individual instruction in applied music on bassoon as a principal instrument. Music majors only.

MVW 5355 Principal Applied Saxophone (2). Individual instruction in applied music on saxophone as a principal instrument. Music majors only.

MVW 5451 Major Applied Flute (3). Individual instruction in applied music on flute as a major instrument. Music majors only.

MVW 5452 Major Applied Oboe (3). Individual instruction in applied music on oboe as a major instrument. Music majors only.

MVW 5453 Major Applied Clarinet (3). Individual instruction in applied music on clarinet as a major instrument. Music majors only.

MVW 5454 Major Applied Bassoon (3). Individual instruction in applied music on bassoon as a major instrument. Music majors only.

MVW 5455 Major Applied Saxophone (3). Individual instruction in applied music on saxophone as a major instrument. Music majors only.