Music

Orlando J. García, *Chair and Professor*
John Augenblick, *Associate Professor*
Cathy Benedict, *Assistant Professor*
Barry Bernhardt, *Instructor and Director of Marching Band*
Jason Calloway, *Instructor*
Gary Campbell, *Associate Professor*
Robert Davidovici, *Professor*
David Dolata, *Associate Professor*
Robert B. Dundas, *Associate Professor*
Karen Fuller, *Instructor*
Joel Galand, *Assistant Chair and Associate Professor*
Kemal Gekic, *Professor*
James Hacker, *Instructor*
William Dan Hardin, *Music Librarian*
Fredrick Kaufman, *Professor Emeritus*
Michael Klotz, *Instructor*
Marcia Littley, *Instructor*
José López, *Assistant Professor*
Clair McElfresh, *Professor Emeritus*
Grzegorz Nowalk, *Assistant Professor*
Michael Orta, *Associate Professor*
Larry Jamie Ousley, *Instructor*
Catherine Rand, *Assistant Professor*
Misha Vitenson, *Instructor*
Kathleen L. Wilson, *Professor*

Freshman/Sophomore Admission

Freshman admission requires an audition and placement test in Music Theory. Contact the Department of Music at (305) 348-2896 for an audition appointment.

Transfer Admission

To qualify for admission to the program, FIU undergraduates must meet all the lower division requirements including CLAS, completed 60 semester hours, and must be otherwise acceptable into the program. Music students at the University come from a wide variety of academic backgrounds from Florida, other states and countries. Because of this diversity, the faculty of music gives basic preliminary examinations in order to assist the student to eliminate any deficiencies: 1. Music History - consisting of all periods of history. 2. Music Theory - consisting of sightsinging, melodic and harmonic dictation and written harmonization and analysis.

Common Prerequisite Courses and Equivalencies

FIU Course(s)	Equivalent Course(s)
MUT 1111	MUTX111 or MUTX121
MUT 1112	MUTX112 or MUTX122
MUT 2116	MUTX116 or MUTX126
MUT 2117	MUTX117 or MUTX127
MUT 1221	MUTX221
MUT 1222	MUTX222
MUT 2226	MUTX226
MUT 2227	MUTX227
	MUNXXXX
	MVxXX1X
	MVxXX2X
	XXXXXXX[2]
	Secondary Piano – Proficiency by examination[1]

[1]or MVKX111 & MVKX112 & MVKX121 & MVKX122 OR MVKX111r & MVKX111r & MVKX121r & MVKX121r & MVKX211 & MVKX221 as needed to achieve piano proficiency.
[2]Varies from Track to Track
***PLEASE NOTE:** Duplicate courses such as MVK X111r may be repeated up to 4 times.*

MUN (Ensemble) and MVx (Applied Performance) requirements will transfer based on the required audition.

Courses which form part of the statewide articulation between the State University System and the Community College System will fulfill the Lower Division Common Prerequisites.

For generic course substitutions/equivalencies for Common Program Prerequisites offered at community colleges, state colleges, or state universities, visit: http://facts.org, See Common Prerequisite Manual.

Common Requirements for All Baccalaureate Degrees in Music:

N.B. Students must earn a grade of "C" of better in all courses required for the major. A grade of "C-" or lower is not acceptable in any required course.

University Core Curriculum[1]		33
Music Theory		
MUT 1111	Music Theory I	3
MUT 1112	Music Theory II	3
MUT 2116	Music Theory III	3
MUT 2117	Music Theory IV	3
Sightsinging		
MUT 1221	Sightsinging I	1
MUT 1222	Sightsinging II	1
MUT 2226	Sightsinging III	1
MUT 2227	Sightsinging IV	1
Music History		
MUH 3211	Music History Survey I	3
MUH 3212	Music History Survey II	3
MUH 3213	Music History Survey III	3
MUH 3214	Music History Survey IV[2]	3
Ethnomusicology		
MUH 3514	Music of the World	3
Class Piano[3]		
MVK 1111	Class Piano I	1

[1] The 3-credit UCC Arts Requirement is waived for music majors, reducing their UCC credits to 33.
[2] Students in the Jazz Performance track may replace MUH 3213-3214 (Music History Survey III-IV) with MUH 2116 Evolution of Jazz and MUH 3813 History of Afro-Cuban Jazz.
[3] Students in the Jazz Performance track take Class Jazz Piano MVJ 3135 and 3136 instead of MVK 2121 and 2122. Jazz piano majors take four credits (two semesters) of Classical Applied Piano instead of Class Piano. With a passing grade on the Piano Proficiency Exam, Piano and Organ majors may substitute 4 four semesters of MUN 2510 Accompanying for Class Piano.

MVK 1112	Class Piano II	1
MVK 2121	Class Piano III	1
MVK 2122	Class Piano IV	1

Applied Lessons

Applied Lessons		8

Music Technology

MUC 1342	MIDI Technology	2

Music Business

MUM 4301	Business of Music	3

Conducting

MUG 4101	Basic Conducting	1

Recital Attendance

MUS 1010	Recital Attendance is required each semester enrolled in applied lessons at the freshman/sophomore level	0
MUS 3040	Recital Attendance is required each semester enrolled in applied lessons at the junior/senior level	0
	Total	**82**

Bachelor of Music

Degree Program Hours: 128

A Bachelor of Music degree is offered with an emphasis in one or more of the following areas: Applied Music, Composition, Jazz Studies, Music Technology, and Music Education.

All entering students must provide evidence of performance ability (vocal or instrumental) through an audition. Contact the Department of Music at (305) 348-2896 for more information or to schedule an audition.

Areas of Emphasis

The following are areas of emphasis for music students. Admission to each area is by faculty approval.

Instrumental Performance

Required Courses

Music Theory

MUT 3611	Form and Analysis	3

Ensembles

One major ensemble every semester enrolled in lessons[4]	8

Major Applied Lessons

Four semesters, 3 credits each semester	12

Conducting

MUG 4302	Instrumental Conducting	1

Literature

MUL 4500	Symphonic Literature	3

Recitals

Junior Recital	1
Senior Recital	1

Electives

Academic Music Electives[5]	6
Music Electives	11
Total	**46**

Vocal Performance

Required Courses

Music Theory

MUT 3611	Form and Analysis	3

Ensembles

For each semester of lower division applied voice, 1 cr. hour of "major choral ensemble" (MUN 1310 or MUN 1340) as assigned by Director of Choral Studies	4
For each semester of upper division applied voice, 1cr. hour of "major applied ensemble" (MUN 3313 or MUN 3343) as assigned by the Director of Choral Studies	4

Major Applied Lessons

Four semesters; 3 credits each semester	12

Conducting

MUG 4202	Choral Conducting	1

Recitals

MVV 3970	Junior Recital	1
MVV 4971	Senior Recital	1

Diction for Singers

MUS 2201	Diction I	2
MUS 2202	Diction II	2

Vocal Pedagogy

MVV 3630	Vocal Pedagogy	2

Opera Workshop

MUO 4502	Opera Workshop per semester of upper division applied voice	4

Literature

MUL 3600	Art Song Literature	3

Electives (chosen in consultation with area advisor)

Academic Music Electives[6]	3
Music Electives	4
Total	**46**

Composition

Required Courses

Music Theory

MUT 3401	Counterpoint	3
MUT 3611	Form and Analysis	3
MUT 4311	Orchestration	3

Ensembles

Lower level – 4 credits (1 per semester freshman and sophomore years to be selected by principal instrument/voice area director)	4
Upper level – 4 credits	4

[4] Consult with your academic advisor for additional area ensemble and chamber music requirements as mandated by the FIU Department of Music Handbook.

[5] To be chosen in consultation with your academic advisor from upper-division theory and history courses (e.g., Counterpoint, Orchestration, Jazz Theory, or graduate courses with permission of the instructor).

[6] To be chosen in consultation with your academic advisor from upper-division MUT, MUL, or MUH courses.

(Junior and senior years 2 semesters of New Music Ensemble; others to be selected by principal instrument/voice area director)

Conducting

MUG 4202	Choral Conducting	1
	or	
MUG 4302	Instrumental Conducting	1

Principal Applied Lessons

Four semesters, 1 credit each semester		4

Composition

MUC 2221	Composition I	2
MUC 2222	Composition II	2
MUC 3231	Composition III	2
MUC 3232	Composition IV	2
MUC 4241	Composition V	2
MUC 4932	Composition Forum– 4 semesters	4

Electronic Music

MUC 2301	Electronic Music Lab I	2
MUC 3302	Electronic Music Lab II	2

Recitals[7]

MUS 4910	Research (Composition Recital)	1
Senior Recital		1

Electives

Music Electives		4
	Total	**46**

Minor in Music Composition

A minor in Music Composition is available for students receiving the BM degree in areas of studies other than composition (e.g. jazz studies, applied, music education). In order to receive credit for a minor in composition students must successfully complete the following:

Required Courses

Music Theory

MUT 3611	Form and Analysis	3
MUT 4311	Orchestration	3
MUT 3401	Counterpoint	3

Composition (beyond Basic Music Composition)

MUC 2221	Composition I	2
MUC 2222	Composition II	2

Electronic Music

MUC 2301	Electronic Music I	2
MUC 3302	Electronic Music II	2

Composition Forum

MUC 4932	Composition Forum (2 semesters)	2

Ensemble

MUN 2490	New Music Ensemble (1 semester)	1
	Total	**20**

[7] Composition students must present a 45 minute recital of their work and a 30 minute performance recital. A final oral exam administered after the composition recital must also be successfully completed. Composition students must earn a "B" or better in all theory, composition, and electronic music courses.

Jazz Performance

Required Courses

Music Theory

MUT 3170C	Jazz Theory I	3
MUT 3171C	Jazz Theory II	3
MUT 4353	Jazz Arranging	2
MUT 2641	Jazz Improvisation I	2
MUT 4643	Jazz Improvisation III	2

Ensembles

Two credits each semester		16

Major Applied Lessons

Four semesters major jazz applied lessons		12

Recitals

MVJ 3970	Junior Jazz Recital	1
MVJ 4971	Senior Jazz Applied Recital	1

Electives

Music Electives		4
	Total	**46**

Piano Performance

Required Courses

Music Theory

MUT 3611	Form and Analysis	3

Music History

MUL 4400	Keyboard Literature I	3
MUL 4401	Keyboard Literature II	3

Ensembles

Major ensembles (2 semesters)		2
Ensembles assigned by Director of Piano Studies		6
MUN 2510	Accompanying (four semesters)	4
MUN 4513	Accompanying (four semesters)	4

Major Applied Lessons

Four semesters 3 credits each semester		12

Pedagogy

MVK 4640	Keyboard Pedagogy	2

Recitals

Junior Recital		1
Senior Recital		1

Electives

Academic Music Electives[8]		3
Music Electives		2
	Total	**46**

Organ Performance

Required Courses

Music Theory

MUT 3611	Form and Analysis	3

Music History

MUL 4490	Organ Literature	3

[8] To be chosen in consultation with your academic advisor from upper-division MUH and MUT courses (e.g., Counterpoint, Orchestration, Jazz Theory, or graduate courses with permission of the instructor).

Ensembles

Major Ensembles (6 semesters)		6
MUN 2510	Accompanying (4 semesters)	4
MUN 4513	Accompanying (4 semesters)	4
MUN 3463	Chamber Music (two semesters)	2

Major Applied Lessons

Four semesters 3 credits each semester		12

Pedagogy

MVK 4640	Keyboard Pedagogy	2

Recitals

MVK 3970	Junior Applied Recital	1
MVK 4971	Senior Applied Recital	1

Electives

Academic Music Elective[9]		3
Music Electives		5
	Total	**46**

Music Technology

Required Courses

Music Technology

MUC 2301	Electronic Music Lab I	2
MUC 3302	Electronic Music Lab II	2
MUC 3400	Electronic Music Lab III	2
MUC 4404	Electronic Music Lab IV	2
MUS 4910	Senior Research Project	4
MUM 4940	Senior Internship	9

Ensembles

Major ensemble for four semesters	4
Upper division ensemble for two semesters to be determined by music technology advisor	2

Principal Applied Lessons

Two semesters, 2 credits each semester	4

Physics of Music

PHY 3465	Physics of Music	3

Computer Science

CS Electives selected in consultation with Advisor	6

Electives

Music Electives	6
Total	**46**

Music Education

(The Bachelor of Music: Major Music Education leads to K-12 Professional Teaching Certification in Music in the State of Florida.)

Required Courses

Choral Music Emphasis (6)[10]

MUG 4301	Choral Conducting	1
MVV 3630	Vocal Pedagogy[11]	2
MUE 2346	Vocal Techniques	1
MUE 3411C	Choral Methods	1
MVS 1116	Guitar Skills[12]	1

OR

Instrumental Music Emphasis (6)

MUG 4201	Instrumental Conducting	1
MUE 2240	String Techniques	1
MUE 2450	Woodwind Techniques	1
MUE 2460	Brass Techniques	1
MUE 2470	Percussion Techniques	1
MUE 2346	Vocal Techniques	1

AND

Both choral and instrumental education tracks (40)

Principal Applied Upper Division Lessons	6
Music Education majors are required to enroll in 2 credits of applied lesson each semester NOT student teaching	
Ensembles	7
Music Education majors are required to enroll in 1 ensemble each semester not student teaching	
Senior Recital	1

RED 4325	Subject Area Reading	3
TSL 4324	ESOL Methods K-12	3
MUE 2040	Intro to Music Ed	2
MUE 3340	Elementary Music Methods	3
MUE 4341	Secondary Music Methods	3
MUE 3395	Music in Special Education	3
MUE 4940	Student Teaching	9
	Total	**46**

Bachelor of Arts

Degree Program Hours: 128

The Bachelor of Arts degree is a flexible research-based multidisciplinary degree. In consultation with faculty advisors, students craft a plan of study tailored to their own particular musical interests, which may also be combined with areas outside of music.

Required Courses

Music Theory/History Electives	3
Ensembles	2
Basic Music Research and Bibliography	2
Senior Research	4
Cognate Area	12
Electives	15
(Including any foreign language study necessary for completion of research.)	
Total	**38**

Entrance Requirements

1. Successful instrumental or vocal audition.
2. Students must pass the Fundamentals Course with a minimum grade of "C" or be placed into Theory I prior to taking any academic music courses.

Exit Requirements

Successful completion of Senior Research Project

[9] To be chosen in consultation with your academic advisor from upper-division MUH and MUT courses (e.g., Counterpoint, Orchestration, Jazz Theory, or graduate courses with permission of the instructor).

[10] Piano and Guitar principals are strongly encouraged to enroll in the Choral Education track.

[11] Non-voice principals (i.e., piano/guitar) may substitute 2 credits additional vocal study (voice class, etc.).

[12] Guitar principals substitute additional Instrumental Techniques course in lieu of Guitar Skills.

Minor in Music

Students majoring in any other discipline may minor in music by successfully completing the following curriculum with a grade of "C" or better in each course. Half the credits taken for the Music Minor must be taken at FIU.

Required Courses

Music Theory chosen from:		6
MUT 1101	Fundamentals of Music	
MUT 1111	Theory I	
MUT 1112	Theory II	
MUT 2116	Theory III	
MUT 2117	Theory IV	
Music Appreciation		3
Music History chosen from: MUH 3211 – MUH 3214		
(Music History Survey I-IV)		3
Music Electives		12
	Total	**24**

Students must take a Music Fundamentals Test in order to determine the appropriate initial theory class; unless they choose to begin with MUT 1001, for which no test or prerequisite is required. Students must pass an audition at the level of music principal to qualify for the minor in music, whether or not they intend to register for applied lessons or ensembles. It is assumed that students auditioning for applied lessons will have taken private lessons for several years. Music minors registered for applied lessons must register for at least one ensemble every semester they are registered for applied lessons. Admission to applied lessons and participation in ensembles is at the direction of the area advisor.

Course Descriptions

Definition of Prefixes

IDS-Interdisciplinary Studies; 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; 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.

IDS 3336 Artistic Expression in a Global Society – *GL* (3). Exploration of the interrelatedness of societies and culture through language, music and art are explored to appreciate how individuals convey thought and respond to events from various perspectives.

MUC 1101 Basic Music Composition (1). Elementary principles of composition including the performance of composition projects. Course includes calligraphy and notation skills. Course may be repeated for credit. Prerequisites: Freshman music majors; permission of the instructor.

MUC 1342 Introduction to MIDI Technology (2). Introduction to the MIDI protocol and MIDI-based software, including music notation, sequencing, patch editing, ear training, and keyboard skills software. Prerequisites: Music major or permission of the instructor.

MUC 2221 Composition Seminar I (2). Creative writing utilizing 20th century compositional techniques in Impressionism, Neoclassicism, Post-Webern Serialism, Indeterminacy, Minimalism, Mixed, Multi and Inter-media, etc. Prerequisite: MUT 1112. Corequisite: MUT 2116.

MUC 2222 Composition Seminar II (2). Continuation of MUC 2221. Prerequisite: MUC 2221. Corequisite: MUT 2117.

MUC 2301 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. Prerequisite: MUC 1342.

MUC 3231 Composition III (2). A continuation of Composition I to further the development of students compositional abilities through the writing of more evolved works with regard to duration, instrumentation. Prerequisites: MUC 2222 and admission to composition area.

MUC 3232 Composition IV (2). Continuation of MUC 3231. Prerequisite: MUC 3231.

MUC 3302 Electronic Music Lab II (2). A continuation of Electronic Music Lab I with an emphasis on advanced MIDI applications including samplers, digital sequencing, digital signal processing and interactive MIDI software. Includes one large composition project. Prerequisite: Electronic Music Lab I.

MUC 3400 Electronic Music Lab III (2). Special projects in advanced computer music programming focusing on sound synthesis. Includes two large composition projects. Can be repeated four times. Prerequisites: Electronic Music Lab II and permission of the instructor.

MUC 4241 Composition V (2). Continuation of MUC 3232. Prerequisite: MUC 3232.

MUC 4242 Composition VI (2). Continuation of MUC 4241. Prerequisite: MUC 4241.

MUC 4404 Electronic Music Lab IV (2). An advanced course in computer and electronic music providing students with hands-on experience with new hardware and software for the creation of music. Prerequisites: MUC 2301, MUC 3302.

MUC 4932 Composition Forum (1). Student composers' works are critiqued by faculty; topics of interest to composers are discussed. Required of all students taking Composition III and higher. Prerequisite: Admission to Composition Program.

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 3400.

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.

MUE 2040 Introduction to Music Education (2). This course will provide an overview to the basic principles of music education. Topics will include standards, history, philosophy, school organization, classroom management, and assessment.

MUE 2346 Vocal Techniques (1). This course is designed to give basic technical and pedagogical vocal skills necessary for both solo and choral settings.

MUE 2440C String Techniques (1). Class instruction of string instruments; tuning and care of instruments; teaching techniques, fingerings, bowings; violin, viola, cello, and double bass.

MUE 2450C Woodwind Techniques (1). Class instruction of woodwind instruments; tuning and care of instruments. Teaching techniques. Single reed instruments, double reed instruments, and flute. Class one hour, laboratory one hour.

MUE 2460C Brass Techniques (1). Class instruction of brass instruments; tuning and care of instruments. Teaching techniques. Piston and valve instruments, French horn, and trombone. Class one hour, laboratory one hour.

MUE 2470C Percussion Techniques (1). Class instruction of percussion instruments; sticking techniques; care of instruments; teaching techniques. Drum and mallet instruments. Class one hour, laboratory one hour.

MUE 3210 Content and Methods of Teaching Elementary Music (3). Provides content and methods of teaching elementary music as a mode of communication and creative expression to elementary students of diverse backgrounds. (F,S,SS)

MUE 3340 Elementary School Teaching Methods (3). Development of instructional skills, techniques, and strategies for elementary school classroom music for the music teacher. Laboratory and field work required.

MUE 3395 Music in Special Education (3). The study of musical experiences for students with disabilities in mainstreamed and self-contained special education music classes. Appropriate musical adaptations and modifications are emphasized. Prerequisites: Upper division music major, DEP 2000.

MUE 3411C Choral Methods (1). Designed to facilitate the development of skills, techniques, understandings, and professional dispositions which are necessary for leadership. Prerequisite: Permission of the instructor.

MUE 3921 Choral Conducting Workshop (3). The study of various topics related to choral literature, conducting and techniques. Prerequisite: Permission of the instructor.

MUE 3922 String Workshop (3). The study of various topics related to string literature, conducting and techniques. Prerequisite: Permission of the instructor.

MUE 3923 Instrumental Conducting Workshop (3). The study of various topics related to instrumental ensemble literature, conducting, and techniques. Prerequisite: Permission of the instructor.

MUE 3924 Jazz Workshop (3). The study of various topics related to jazz literature, conducting and techniques. Prerequisite: Permission of the instructor.

MUE 4094 Middle & Secondary School Vocal & Instrumental (3). Development of instructional skills and rehearsal technique, skills and strategies for teaching music in the middle school or senior high school. Laboratory and field work required. (F)

MUE 4480 Marching Band Techniques (3). A study of show design and concepts; marching band management and organizational procedures including booster organizations, inventory, handbooks, grading procedures and rehearsal fundamentals. Prerequisite: Permission of Instructor.

MUE 4940 Student Teaching in Music Education (9). Supervised teaching in an elementary and secondary school. Prerequisite: Admission to the program.

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 Instructor.

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.

MUG 4101 Basic Conducting (1). A basic conducting course to gain fundamental technique and interpretation. A prerequisite for both advanced instrumental and choral conducting.

MUG 4202 Choral Conducting (1). With a background in basic theory, and having performed in ensembles, the student will develop techniques of group conducting including madrigal, glee, choir, etc. A survey of choral literature will be included. Prerequisite: MUG 4101.

MUG 4302 Instrumental Conducting (1). With a background in basic theory, and having performed in ensembles, the student will develop a knowledge of baton technique, score reading, and interpretation. Prerequisite: MUG 4101. Corequisites: Orchestra or wind ensemble or both.

MUG 4303 Advanced Orchestral Conducting (3). Advanced study of orchestral conducting, including gesture, rehearsal techniques, interpretation, score analysis, and repertoire. Prerequisites: MUG 4302 and permission of the instructor.

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 (2). Advanced study of choral conducting, including gesture, rehearsal techniques, and repertoire. Prerequisites: Graduate standing and permission of the instructor.

MUG 5307 Graduate Applied Wind Conducting (2). 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.

MUH 1011 Music Appreciation (3). Lives and creations of great composers in various periods of history. A multimedia course.

MUH 1560 African American Music (3). Examines the historical influence and development of African American music from its African roots to its dominance in the American popular culture.

MUH 2010 Music History Overview (3). A survey of the main historical musical periods through a concise analysis of the main representatives of these periods and their milestone works.

MUH 2022 History of Rock Music (3). This course traces the historical origins, characteristics and stylistic developments of rock music from a musical and sociological perspective.

MUH 2051 World Music Cultures (for non-music majors) (3). This course provides an introductory survey of traditions and transformations of music in global perspective, exploring music both as a phenomenon of sound and a phenomenon of culture.

MUH 2116 Evolution of Jazz (3). A history course that surveys jazz styles from mid-19th century to the present. A sociological and musical look at jazz, the personalities and their experience.

MUH 2370 The History of The Beatles (3). This course traces the development of The Beatles from their beginnings to their solo work. The discussions begin in America with the Blues, Rockabilly and the birth of Rock 'n' Roll. The paramount role of The Beatles in the revolutionary decade of the 1960s will be explored in detail, both from a musical and sociological perspective.

MUH 3019 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 3060 Latino Music in the United States (3). Survey of Latin American musical tradition brought through immigration. Examination of musical style and social context in lecture-discussion format with film and performance demonstrations.

MUH 3061 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 3062 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 3073, 5075 Women in Music (3). Introduces students to women musicians including performers, composers, and researchers in all genres.

MUH 3211 Music History Survey I (3). A survey of music from antiquity to 1600. Lectures on historical styles will be supplemented with recordings and musical analysis. Prerequisites: Music majors or minors only.

MUH 3212 Music History Survey II (3). A survey of music from 1600 to 1800. Lectures on historical styles will be supplemented with recordings, and musical analysis. Prerequisites: MUH 3211 or permission of the instructor.

MUH 3213 Music History Survey III (3). A survey of music from 1800 to 1945. Lectures on historical styles will be supplemented with recordings and musical analysis. Prerequisites: MUH 3211 and MUH 3212 or permission of the instructor.

MUH 3214 Music History Survey IV (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 3514 Music of the World – *GL* (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. Prerequisite: Major in music.

MUH 3541 Music of Latin America: Folklore and Beyond (3). An overview of the orchestral, chamber, solo, vocal, and electronic music from Latin America written in the 20th century and its relationship to the folk music of the region.

MUH 3570 Survey of Asian Music (3). Examines the major Asian musical traditions within the cultural framework of history, arts, and traditions.

MUH 3801 Jazz History (3). An in-depth study of jazz music from its inception to the present day. Specifically designed for music majors, in particular Jazz Studies students. Prerequisites: MUT 1112, MUT 1222.

MUH 3813 History of Afro-Cuban Jazz (3). A study of the history and evolution of Afro-Cuban Jazz, including Cuban popular music and traditional dance forms, folkloric music of African origin, influences from American popular music and early American Jazz, as well as other music from the Caribbean.

MUH 3912C Basic Music Research and Bibliography (2). This course will familiarize the student with major sources for research in music, develop the ability to research and write a term paper or thesis, and document those findings in a scholarly format. Prerequisite: Music majors.

MUH 4341 Music of the Baroque Period (3). Survey of the major genres, styles, and composers of the Baroque period within the wider context of Baroque aesthetics and culture. Introduction to Baroque performance practice. Prerequisites: MUH 3211, MUH 3212.

MUH 4680 Music History Seminar I (2). Emphasizes both historical and theoretical analysis. Scholarly work under faculty direction, develops written skills and research methods. Written project required. Prerequisites: MUH 3211, MUH 3212, and permission of the instructor.

MUH 4681 Music History Seminar II (2). Emphasizes both historical and theoretical analysis. Scholarly work under faculty direction, develops written skills and research methods. Written project required. Prerequisites: MUH 4680 or permission of the instructor.

MUH 4682 Music History Seminar III (2). Emphasizes both historical and theoretical analysis. Scholarly work under faculty direction, develops written skills and research methods. Written project required. Prerequisite: MUH 4681.

MUH 4683 Music History Seminar IV (2). Emphasizes both historical and theoretical analysis. Scholarly work under faculty direction, develops written skills and research methods. Written project required. Prerequisite: MUH 4682.

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 (2). 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). Advanced analysis of key jazz figures at the graduate level.

MUL 3551 Wind Literature (3). This course is a study of intermediate and advanced wind repertoire. Emphasis is placed on the history of wind music, and the music that creates the cornerstone of wind literature.

MUL 3600 Art Song Literature (3). A chronological survey of solo vocal literature from the Medieval period to the national schools of the contemporary era.

MUL 3470 The History and Repertoire of the String Quartet (2). The History and Repertoire of the String Quartet provides a broad-based overview of the origins of and literature for string quartet, through listening, discussion, analysis, and live performance.

MUL 4400 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. Prerequisites: MUH 3211, MUH 3212.

MUL 4401 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 4400.

MUL 4430 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 4490 Survey of Organ Literature (3). Survey of organ literature, history, performance practice, and organ design. Includes historic sound recordings. Prerequisite: Permission of instructor.

MUL 4500 Symphonic Literature (3). Survey of symphonic literature from the 17th century to present day. Analysis and illustrations of representative works. Prerequisites: MUH 3211 and MUH 3212.

MUL 4602 Vocal Literature I (2). A survey of solo vocal literature from the Renaissance, Baroque, and Classical periods. Corequisite: MUS 2241.

MUL 4604 Vocal Literature II (2). A survey of the German Lied and its poetry. Corequisite: MUS 2231.

MUL 4605 Vocal Literature III (2). A survey of the French Melodie and its poetry. Corequisite: MUS 2221.

MUL 4608 Vocal Literature IV (2). A survey of solo vocal literature of the twentieth century. Corequisite: MUS 2211.

MUL 4630 Symphonic/Chamber Vocal Literature (1). Corequisites with MUL 4500 Symphonic Literature. A practicum surveys Symphonic & Chamber vocal music from 17th Century to present day. Includes selection of personal repertory and ensemble performance.

MUL 4662 History and Literature of Opera (3). Chronological survey of opera literature from the 17th century to present day. Analysis and performance of representative works. Prerequisites: MUH 3211 and MUH 3212.

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. Prerequisite: Advanced/graduate standing.

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. Prerequisite: Permission of 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 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.

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.

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. Prerequisite: 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.

MUM 1401 Music Calligraphy (3). The correct procedures for music penmanship, the notation of notes and chords for music parts and scores.

MUM 3601 Audio Techniques I (3). Basic sound engineering, including the basic workings of P.A. equipment and the interplay between the various components.

MUM 3602 Audio Techniques II (3). Studio recording techniques, microphone placement, taping and mixing.

MUM 4301 Business of Music (3). Principles and practices of modern publishing techniques; copyright laws; wholesale and retail distribution of music. Performance rights; agreements and relations between producers directors, performers, writers, personnel managers, and booking agents. Prerequisite: Permission of the instructor.

MUM 4302 Business of Music II (3). Continuation of principles and practices of modern publishing techniques; copyright laws; wholesale and retail distribution of music. Performance rights; agreements and relations between producer, directors, performers, writers, personnel managers, booking agents. Prerequisite: MUM 4301.

MUM 4803 Grant Writing for the Arts (2). Designed to familiarize the student with the fundamental tools and techniques in writing a successful grant proposal for the arts. Focuses on the basics of grant writing, where to find funding sources and grant evaluation procedures.

MUM 4940 Music Internship (VAR). Practical experience utilizing music theory, composition, and history in the commercial music industry. The precise nature of the work will be determined in consultation with an advisor. Prerequisite: MUM 4302.

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 producers. Prerequisites: MUM 4301 and permission of 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 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 relation 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 organizations, and arts service organizations. Prerequisites: Graduate standing or permission of instructor.

MUM 5946 Performance Arts Internship (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 graduate advisor.

MUN 1100, 4103, 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 1120, 3123, 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 1140, 4143, 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 conductor.

MUN 1210, 4213, 5215 Orchestra (1). An instrumental ensemble performing works from the symphonic repertory. Prerequisites: Previous experience and permission of conductor.

MUN 1310, 3313, 5315 Concert Choir (1). A choral ensemble performing music written and arranged for mixed voices. Prerequisite: Permission of the instructor.

MUN 1340, 3343, 5345 University Chorale (1). A mixed choir performing repertoire from Renaissance to Modern,

as well as multicultural works. Prerequisite: Permission of conductor.

MUN 1380, 3383, 4380, 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 conductor.

MUN 1430, 3433, 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 1460, 3463, 5465 Chamber Music (1). Small ensemble in the performing of chamber music literature. Prerequisite: Permission of conductor.

MUN 1471 Collegium Musicum (1). Collegium Musicum provides a forum for the study and performance of the musical literature of the Medieval, Renaissance, and Baroque eras. Prerequisite: Permission of the instructor.

MUN 1481, 2482, 3484, 4486 Jazz Guitar Ensemble (1). Ensemble consists of five or more electric guitars performing arrangements, accompanied by bass and drums. Emphasis placed on sight reading, styles, phrasing, dynamics, ensemble blend, swing, etc.

MUN 1710, 3713, 5715 Studio Jazz Ensemble (1). An ensemble to provide creative professional-level experience in the contemporary popular idiom. Permission of conductor.

MUN 1790 Latin Jazz Ensemble (1). An ensemble to provide creative professional-level experience in the salsa/Latin jazz idiom. Prerequisite: Permission of the instructor.

MUN 2240, 4243, 5245 String Ensemble (1). Performance of orchestra literature for large string ensembles. Prerequisite: Permission of instructor.

MUN 2320, 4323, 5325 Women's Chorus (1). A choral ensemble performing music written or arranged for women's voices. Prerequisite: Permission of the instructor.

MUN 2330, 4333, 5335 Men's Chorus (1). A choral ensemble performing music written or arranged for men's voices. Prerequisite: Permission of the instructor.

MUN 2440, 4443, 5445 Percussion Ensemble (1). A study and performance of music literature characteristic of the percussion ensemble. Prerequisite: Permission of the instructor.

MUN 2450, 4453, 5455 Piano Ensemble (1). The presentation and performance of music literature characteristic of piano and pianos in ensemble.

MUN 2480, 4483, 5485 Guitar Ensemble (1). The presentation and performance of music literature characteristic of the Guitar Ensemble. Prerequisite: Permission of conductor.

MUN 2490, 4493, 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 2820, 4823, 5826 Latin American Music Ensemble (1). Study and performance of one or more folk and/or popular musical styles from Latin America.

MUN 2510, 4513, 5515 Accompanying (1). Accompanying instrumental and vocal students in studio and recital situations.

MUN 2711, 4714, 5716 Jazz Combo Class (1). Harmonic practice, formal procedures, rhythmic and improvisational practices of jazz performance in the small group. Prerequisite: Permission of conductor.

MUN 3024 Laptop and Electronic Arts Ensemble (1). Explores new combinations of live electronics with acoustic instruments and other media by performing a diverse repertoire of music and new works. Repeatable. Prerequisite: MUC 1342.

MUN 3474 Collegium Musicum (1). Collegium Musicum provides a forum for the study and performance of the musical literature of the Medieval, Renaissance, and Baroque eras. Sources research and programming are an additional component. Prerequisite: Permission of the instructor.

MUN 3793, 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 3890 Klezmer Ensemble (1). An ensemble for the study and performance of Jewish Folk Music (Klezmer music). Various forms of Klezmer music will be explored, and harmonic and melodic structure will be studied. Prerequisites: Music majors, by audition.

MUN 4784, 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 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.

MUO 1501, 4502, 5505 Opera Workshop (1). The presentation and performance of music literature indigenous to the opera stage. Prerequisite: Permission of director.

MUO 2001 Music Theater Workshop-Voice (2). Introduction to musical comedy performance; integration of dramatic, musical and movement components studied through work on selected scenes and songs. Particular emphasis on vocal training. Corequisite: TPP 3250.

MUO 3603 Elements of Stage Production (2). Aspects of technical theatre will be examined such as stage design and lighting, costumes and make-up, stage direction, prop construction, prompting, and Opera Theatre administration.

MUO 4503 Opera Theatre I (3). Culmination of opera courses with emphasis on accumulation of repertoire, systematic development of a role, and rehearsal procedures and discipline. Student may perform self-directed scenes. Permission of the instructor.

MUO 4504 Opera Theatre II (3). Continuation of Opera Theatre I. Student may participate in staged operatic production as performer or technical personnel. Prerequisites: MVV 4561, MVV 4451, and MVV 3931 or permission of the instructor.

MUR 3941, 5946 Organ Practicum (2). Study of practical aspects of organ performance as it pertains to employment within a sacred chamber music setting.

MUS 1010, 3040 Recital Attendance (0). Students attend concerts and recitals as a corequisite to applied music. Required of music majors each semester.

MUS 2201 Diction I (2). To develop skills in the proper enunciation of Italian, French and Latin diction as applied to singing in opera, oratorio, and art song.

MUS 2202 Diction II (2). Develop skills in the proper enunciation of English, German and Spanish language in the performance of art song, oratorio, and opera literature.

MUS 2211 English Diction (1). Develop the skills in the proper enunciation of the English language as used in opera, oratorio, and art song literature. Corequisites: All applied MVV.

MUS 2221 French Diction (1). Develop the skills in the proper enunciation of the French language as used by singers in opera, oratorio, and art song literature. Corequisites: All applied MVV.

MUS 2231 German Diction (1). Develop the skills in the proper enunciation of the German language as used by singers in opera, oratorio, and art song literature. Corequisites: All applied MVV.

MUS 2241 Italian Diction (1). Develop the skills in the proper enunciation of the Italian language as used by singers in opera, oratorio, and art song literature. Corequisites: All applied MVV.

MUS 2501 Introduction to Digital Audio Production (3). A project-oriented class with assignments in basic audio editing, plug-ins, and sound effects.

MUS 3331 Recording and Production in Pro Tools (3). A project-oriented class in audio recording and editing using the Pro Tools application. Prerequisite: MUS 2501.

MUS 3333 Sound Reinforcement (2). Students gain hands-on experience with the music technology required for recording, mixing, and processing digital signals. Prerequisite: MUC 1342.

MUS 3905, 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 3910, 4910, 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 4650 Experimental Music and Arts (3). The history of interdisciplinary art created in the 20th century is covered, giving students from different areas the opportunity to create interdisciplinary works.

MUS 4949 Cooperative Education in Performing Arts (VAR). A student majoring in Performing Arts may spend several semesters fully employed in industry or government in a capacity relating to the major.

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. Prerequisite: Graduate standing.

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. 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. Prerequisite: Graduate standing.

MUS 5906 Thesis/Recital (1-6). For students working on a thesis or recital for MM in Music. To be completed under the supervision of a faculty member. Prerequisite: Graduate standing.

MUS 5971 Thesis (1-6). Research and/or performances towards completion of master's thesis work. Prerequisite: Permission of graduate area advisor.

MUT 1001 Fundamentals of Music (3). A beginning music theory course in the basic elements of music rhythms, meter notation, key signatures, scales, intervals, and triads.

MUT 1111 Music Theory I (3). This course is designed to promote and develop comprehensive musicianship in all disciplines of the musical art, analysis, composition, performance, and listening. Prerequisites: MUT 1001 or departmental placement test, or a score of 3 or better on the AP Music Theory Examination. Priority given to music majors and minors.

MUT 1112 Music Theory II (3). This course is designed to promote and develop comprehensive musicianship in all disciplines of the musical art, analysis, composition, performance, and listening. The second semester is a continuation of Theory I. Prerequisite: MUT 1111.

MUT 1221 Sightsinging I (1). Development of Basic Musicianship through aural perception, sightsinging, and ear training exercises.

MUT 1222 Sightsinging II (1). Development of Basic Musicianship through aural perception, sightsinging and ear training exercises. The second semester is a continuation of Sightsinging I. Prerequisites: MUT 1111, MUT 1221.

MUT 2116 Music Theory III (3). Continuation of Music Theory II. It seeks to promote and further develop comprehensive musicianship in all disciplines of the musical art, analysis, composition, performance, and listening. Prerequisite: MUT 1112.

MUT 2117 Music Theory IV (3). This course further develops those skills acquired in Music Theory III. Prerequisite: MUT 2116.

MUT 2226 Sightsinging III (1). Continuation of Sightsinging II through aural perception, sightsinging, and ear training exercises. Prerequisites: MUT 1112, MUT 1222.

MUT 2227 Sightsinging IV (1). Continuation of Sightsinging III through aural perception, sightsinging, and ear training exercises. Prerequisites: MUT 2226, MUT 2116.

MUT 2641 Jazz Improvisation I (2). A beginning course in Jazz improvisation that teaches fundamental aspects, chord structures and extensions, chord scales, melodic patterns, and tunes. Course will involve both theory and practical application. A concert will be held at conclusion of the term. Prerequisite: Permission of the instructor.

MUT 2642 Jazz Improvisation II (2). A follow-up course that both reinforces and extends all materials learned in Jazz Improvisation I. Course stresses more complex chord structures, scales, and tunes. A concert will be held at conclusion of the term. Prerequisite: MUT 2641.

MUT 3170C Jazz Theory I (3). This 3-credit course is designed to streamline the jazz curriculum by replacing 'Jazz Eartraining', 'Introduction to Jazz Studies', and 'Jazz Styles and Analysis'. It is a required course for all jazz performance majors. Prerequisites: MUT 2117, 2227. Corequisite: MUT 2641.

MUT 3171C Jazz Theory II (3). Advanced jazz theory/harmony and ear-training. This is a required course for all jazz performance majors. Prerequisite: MUT 3170C. Corequisite: MUT 2642.

MUT 3401 Counterpoint (3). A study of linear writing through species counterpoint. Two and three-part instrumental and vocal counterpoint of the 18th century: Canon, inventions, fugues. Emphasis will be placed on formal analysis. Prerequisites: MUT 2117, 2227.

MUT 3611 Form and Analysis (3). Study and analysis from the smaller forms of musical composition to multimovement forms. Prerequisites: MUT 2117, MUT 2227.

MUT 4141 Comprehensive Music Systems (3). An introduction to the applied techniques of recent comprehensive theoretical approaches to musical analysis. Prerequisites: MUT 3611 or permission of the instructor.

MUT 4311 Orchestration (3). With a background of basic theory, the student will explore the techniques of writing and arranging for instruments in performing organizations. Prerequisites: MUT 2117 and MUT 2227.

MUT 4312 Advanced Orchestration (3). A follow-up course to Orchestration that teaches students advanced techniques in scoring for orchestral instruments as utilized by composers of western art music from classical to present times. Prerequisites: MUT 4311 or permission of the instructor.

MUT 4353 Jazz Arranging (2). This course teaches the fundamental aspects of jazz arranging: instrumentation, transposition, section and ensemble writing, chord voicing, counterpoint, and form and analysis. The performance of an original arrangement is required as a final project. Prerequisite: MUT 2641.

MUT 4354 Advanced Jazz Arranging (2). Advanced arranging and orchestration techniques for large jazz ensemble. Prerequisite: MUT 4353.

MUT 4628 Atonal Analysis (3). A continuation of Music Theory IV, this course introduces students to the basic concepts and procedures for set-theoretic analysis of atonal and serial techniques used in 20th-century music. Prerequisites: MUT 2117, MUT 2227, or permission of the instructor.

MUT 4643 Jazz Improvisation III (2). A continuation of Jazz Improvisation II, this course teaches chromatic chords, advanced scales and progressions, patterns, repertoire. Individual and ensemble performance is required as a final project. Prerequisite: MUT 2642.

MUT 4664 Jazz Styles and Analysis II (2). An extensive study of the significant styles and performers in jazz history from its origins to the present. Includes instruction in layered listening, various analyses, and transcribing. Continuation of Jazz Styles and Analysis I. Prerequisites: Permission of the instructor.

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

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

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

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 the Department of Music or permission of the instructor.

MUT 5646 Advanced Jazz Techniques I (2). 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 (2). 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 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 instructor.

MVB 1211, 2221, 3231, 4241, 5251 Secondary Applied Trumpet (1). Individual instruction in applied music on trumpet as a secondary instrument. Prerequisite: Permission of the instructor.

MVB 1212, 2222, 3232, 4242, 5252 Secondary Applied French Horn (1). Individual instruction in applied music on French horn as a secondary instrument. Prerequisite: Permission of the instructor.

MVB 1213, 2223, 3233, 4243, 5253 Secondary Applied Trombone (1). Individual instruction in applied music on trombone as a secondary instrument. Prerequisite: Permission of the instructor.

MVB 1214, 2224, 3234, 4244, 5254 Secondary Applied Baritone Horn (1). Individual instruction in applied music on baritone horn as a secondary instrument. Prerequisite: Permission of the instructor.

MVB 1215, 2225, 3235, 4245, 5255 Secondary Applied Tuba (1). Individual instruction in applied music on tuba as a secondary instrument. Prerequisite: Permission of the instructor.

MVB 1311, 2321, 3331, 4341, 5351 Principal Applied Trumpet (2). Individual instruction in applied music on trumpet as a principal instrument. Music majors only.

MVB 1312, 2322, 3332, 4342, 5352 Principal Applied French Horn (2). Individual instruction in applied music on French horn as a principal instrument. Music majors only.

MVB 1313, 2323, 3333, 4343, 5353 Principal Applied Trombone (2). Individual instruction in applied music on applied trombone as a principal instrument. Music majors only.

MVB 1314, 2324, 3334, 4344, 5354 Principal Applied Baritone Horn (2). Individual instruction in applied music on baritone horn as a principal instrument. Music majors only.

MVB 1315, 2325, 3335, 4345, 5355 Principal Applied Tuba (2). Individual instruction in applied music on tuba as a principal instrument. Music majors only.

MVB 1411, 2421 Major Applied Trumpet (2). Individual instruction in applied music on trumpet as a major instrument. Music majors only.

MVB 1412, 2422 Major Applied French Horn (2). Individual instruction in applied music on French horn as a major instrument. Music majors only.

MVB 1413, 2423 Major Applied Trombone (2). Individual instruction in applied music on trombone as a major instrument. Music majors only.

MVB 1414, 2424 Major Applied Baritone Horn (2). Individual instruction in applied music on baritone horn as a major instrument. Music majors only.

MVB 1415, 2425 Major Applied Tuba (2). Individual instruction in applied music on tuba as a major instrument. Music majors only.

MVB 3431, 4441, 5451 Major Applied Trumpet (3). Individual instruction in applied music on trumpet as a major instrument. Music majors only.

MVB 3432, 4442, 5452 Major Applied French Horn (3). Individual instruction in applied music on French horn as a major instrument. Music majors only.

MVB 3433, 4443, 5453 Major Applied Trombone (3). Individual instruction in applied music on trombone as a major instrument. Music majors only.

MVB 3434, 4444, 5454 Major Applied Baritone Horn (3). Individual instruction in applied music on baritone horn as a major instrument. Music majors only.

MVB 3435, 4445, 5455 Major Applied Tuba (3). Individual instruction in applied music on tuba as a major instrument. Music majors only.

MVB 3970 Junior Recital - Brass (1). All music performance majors must present, during their junior year, at least one half of a public recital, and pass an oral examination on the music programmed. See areas of emphasis for specific requirements.

MVB 4971 Senior Recital - Brass (1). All music majors must present, before graduation, at least one half (full recital performance for majors) of a public recital, and pass an oral examination on the music programmed. See areas of emphasis for specific requirements.

MVJ 1013 Electric Guitar Techniques (2). The Electric Guitar Techniques specifically addresses the needs of guitar students working within the music technology area.

MVJ 1210, 2220, 3230, 4240, 5250 Secondary Jazz Piano (1). Individual instruction in applied jazz music on piano. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 1213, 2223, 3233, 4243, 5253 Secondary Jazz Guitar (1). Individual instruction in applied jazz music on guitar. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 1214, 2224, 3234, 4244, 5254 Secondary Jazz Bass (1). Individual instruction in applied jazz music on bass. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 1215, 2225, 3235, 4245, 5255 Secondary Jazz Flute (1). Individual instruction in applied jazz music on flute. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 1216, 2226, 3236, 4246, 5256 Secondary Jazz Saxophone (1). Individual instruction in applied jazz music on saxophone. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 1217, 2227, 3237, 4247, 5257 Secondary Jazz Trumpet (1). Individual instruction in applied jazz music on trumpet. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 1218, 2228, 3238, 4248, 5258 Secondary Jazz Trombone (1). Individual instruction in applied jazz music on trombone. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 1219, 2229, 3239, 4249, 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 1310 Principal Applied Jazz Piano (2). Individual instruction in applied music on jazz piano as a principal level. Prerequisite: Music majors only.

MVJ 1311 Principal Applied Jazz Drums (2). Individual instruction in applied music on jazz drums as a principal instrument. Prerequisite: Music majors only.

MVJ 1312 Principal Applied Latin Jazz Percussion (2). Individual instruction in applied music on Latin jazz percussion as a principal instrument. Prerequisite: Music majors only.

MVJ 1313, 2323, 3333, 4343, 5353 Principal Applied Jazz Guitar (2). Individual instruction in applied jazz music on guitar. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 1314, 2324, 3334, 4344, 5354 Principal Applied Jazz Bass (2). Individual instruction in applied jazz music on bass. Prerequisites: Preceding course in sequence or permission of the instructor.

MVJ 1316, 2326, 3336, 4346 Principal Applied Jazz Saxophone (2). 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 1317, 2327, 3337, 4347 Principal Applied Jazz Trumpet (2). Individual instruction in applied music on jazz trumpet at a principal level. Prerequisite: Music majors only.

MVJ 1318, 2328, 3338, 4348 Principal Applied Jazz Trombone (2). Individual instruction in applied music on jazz trombone at a principal level. Prerequisite: Music majors only.

MVJ 1410, 2420 Major Applied Jazz Piano (2). Individual instruction in applied music on jazz piano as a major level. Prerequisite: Music majors only.

MVJ 1411 Major Applied Jazz Drums (2). Individual instruction in applied music on jazz drums as a major instrument. Prerequisite: Music majors only.

MVJ 1413 Major Applied Jazz Guitar (2). Individual instruction in applied music on jazz guitar at a major level. Prerequisite: Music majors only.

MVJ 1414, 2424 Major Applied Jazz Bass (2). Individual instruction in applied music on jazz bass at a major level. Prerequisite: Music majors only.

MVJ 1416, 2426 Major Applied Jazz Saxophone (2). 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 1417, 2427 Major Applied Jazz Trumpet (2). Individual instruction in applied music on jazz trumpet at a major level. Prerequisite: Music majors only.

MVJ 1418, 2428 Major Applied Jazz Trombone (2). Individual instruction in applied music on jazz trombone at a major level. Prerequisite: Music majors only.

MVJ 2310, 3330, 4340 Principal Applied Jazz Piano (2). Individual instruction in applied music on jazz piano at a principal level. Prerequisite: Music majors only.

MVJ 2329, 3339, 4349, 5359 Principal Applied Jazz Drums (2). Individual instruction in applied music on jazz drums at a principal level. Prerequisite: Music majors only.

MVJ 2423 Major Applied Jazz Guitar (2). Individual instruction in applied music on jazz guitar at a major level. Prerequisite: Music majors only.

MVJ 2425 Major Applied Jazz Drums (2). Individual instruction on jazz drums at the applied level. Prerequisite: Audition.

MVJ 2429 Major Applied Jazz Latin Percussion (2). Individual instruction in applied music on jazz percussion as a major instrument. Prerequisite: Music majors only.

MVJ 3430, 4440 Major Applied Jazz Piano (3). Individual instruction in applied music on jazz piano as a major level. Prerequisite: Music majors only.

MVJ 3433, 4443 Major Applied Jazz Guitar (3). Individual instruction in applied music on jazz guitar at a major level. Prerequisite: Music majors only.

MVJ 3434, 4444 Major Applied Jazz Bass (3). Individual instruction in applied music on jazz bass at a major level. Prerequisite: Music majors only.

MVJ 3436, 4446, 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 3435, 4445 Major Applied Jazz Drums (3). Individual instruction in applied music in the jazz idiom. Prerequisite: Audition.

MVJ 3437, 4447, 5457 Major Applied Jazz Trumpet (3). Individual instruction in applied music on jazz trumpet at a major level. Prerequisite: Music majors only.

MVJ 3438, 4448, 5458 Major Applied Jazz Trombone (3). Individual instruction in applied music on jazz trombone at a major level. Prerequisite: Music majors only.

MVJ 3439, 4449, 5459 Major Applied Jazz Latin Percussion (3). Individual instruction in applied music on jazz percussion as a major instrument. Prerequisite: Music majors only.

MVJ 3970 Junior Recital – Jazz (1). All music performance majors must present, during their junior year, at least one-half of a public recital, and pass an oral examination. See areas of emphasis for specific requirements. Prerequisite: Approval of director of Jazz Studies.

MVJ 4971 Senior Recital - Jazz (1). All music majors must present, before graduation, at least one half (full recital performance major) of a public recital, and pass an oral examination on the music programmed. See areas of emphasis for specific requirements.

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

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.

MVK 1111 Class Piano I (1). A course designed to teach piano skills and competencies to non-piano majors. This is a four-semester sequence for music majors. This course includes: keyboard familiarization, finger exercises and

techniques, transposing, and easy literature. Prerequisite: None. Music majors only.

MVK 1112 Class Piano II (1). A continuation of Class Piano I, MVK 1111. Prerequisite: MVK 1111. Music majors only.

MVK 1115 Keyboard Studies (1). Course designed to develop the composite keyboard skills and practical training for the piano major/principal to become a proficient sight-reader.

MVK 1211, 2221, 3231, 4241, 5251 Secondary Applied Piano (1). Individual instruction in applied music on piano as a secondary instrument. Prerequisite: Permission of the instructor.

MVK 1213, 2223, 3233, 4243, 5253 Secondary Applied Organ (1). Individual instruction in applied music on organ as a secondary instrument. Prerequisite: Permission of the instructor.

MVK 1311, 2321, 3331, 4341, 5351 Principal Applied Piano (2). Individual instruction in applied music on piano as a principal instrument. Music majors only.

MVK 1313, 2323, 3333, 4343, 5353 Principal Applied Organ (2). Individual instruction in applied music on organ as a principal instrument. Music majors only.

MVK 1411, 2421 Major Applied Piano (2). Individual instruction in applied music on piano as a major instrument. Music majors only.

MVK 1413, 2423 Major Applied Organ (2). Individual instruction in applied music on organ as a major instrument. Music majors only.

MVK 2121 Class Piano III (1). A continuation of Class Piano II. The course includes continued work in finger technique, scales and fingering, transposing, simple accompaniments to folk songs, sight reading cadences, and simple literature. Prerequisite: MVK 1112. Music majors only.

MVK 2122 Class Piano IV (1). A continuation of Class Piano III. Prerequisite: MVK 2121. Music majors only.

MVK 3130 Class Piano V (1). Further development of elementary keyboard techniques and musicianship: scales, harmonization, arpeggios, transposition, improvisation, sightreading, and simple literature. Prerequisites: MVK 2122 or by placement exam.

MVK 3131 Class Piano VI (1). A continuation of MVK 3130. Prerequisites: MVK 3130 or by placement exam.

MVK 3135 Class Jazz Piano I (1). Jazz piano techniques for non-piano majors. Prerequisite: MVK 2122. Corequisite: MUT 3170C.

MVK 3136 Class Jazz Piano II (1). Intermediate jazz piano techniques for non-piano majors. Prerequisite: MVK 3135. Corequisite: MUT 3171C.

MVK 3431, 4441, 5451 Major Applied Piano (3). Individual instruction in applied music on piano as a major instrument. Music majors only.

MVK 3433, 4443, 5453 Major Applied Organ (3). Individual instruction in applied music on organ as a major instrument. Music majors only.

MVK 3702 Ballet Accompanying (1). Training in the collaborative art form of Ballet accompaniment. Recognition of terminology/movement and appropriate musical accompaniment. Field observation, analysis and individual participation. Prerequisites: Piano majors and principals only.

MVK 3970 Junior Recital - Keyboard (1). All music performance majors must present, during their junior year, at least one half of a public recital, and pass an oral examination on the music programmed. See areas of emphasis for specific requirements.

MVK 4141 Class Piano VII (1). Further development of elementary keyboard techniques and musicianship: scales, harmonization, arpeggios, transposition, improvisation, sightreading, and simple literature. Prerequisites: MVK 3131 or by placement exam.

MVK 4142 Class Piano VIII (1). A continuation of MVK 4141. Prerequisites: MVK 4141 or by placement exam.

MVK 4640 Keyboard Pedagogy (2). A survey of current teaching methods and techniques in piano pedagogy. Supervised teaching provides hands-on experience.

MVK 4971 Senior Recital - Keyboard (1). All music majors must present, before graduation, at least one half (full recital performance major) of a public recital, and pass an oral examination on the music programmed. See areas of emphasis for specific requirements.

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

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

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 1211, 2221, 3231, 4241, 5251 Secondary Applied Percussion (1). Individual instruction in applied music on percussion as a secondary instrument. Prerequisite: Permission of the instructor.

MVP 1311, 2321, 3331, 4341, 5351 Principal Applied Percussion (2). Individual instruction in applied music on percussion as a principal instrument. Music majors only.

MVP 1411, 2421 Major Applied Percussion (2). Individual instruction in applied music on percussion as a major instrument. Music majors only.

MVP 3431, 4441, 5451 Major Applied Percussion (3). Individual instruction in applied music on percussion as a major instrument. Music majors only.

MVP 3970 Junior Recital - Percussion (1). All music performance majors must present, during their junior year, at least one half of a public recital, and pass an oral

examination on the music programmed. See areas of emphasis for specific requirements.

MVP 4971 Senior Recital - Percussion (1). All music majors must present, before graduation, at least one half (full recital performance major) of a public recital, and pass an oral examination on the music programmed. See areas of emphasis for specific requirements.

MVS 1116 Guitar Skills (1). Emphasis on music reading and elementary techniques. Prerequisite: Permission of the instructor.

MVS 1211, 2221, 3231, 4241, 5251 Secondary Applied Violin (1). Individual instruction in applied music on violin as a secondary instrument. Prerequisite: Permission of the instructor.

MVS 1212, 2222, 3232, 4242, 5252 Secondary Applied Viola (1). Individual instruction in applied music on viola as a secondary instrument. Prerequisite: Permission of the instructor.

MVS 1213, 2223, 3233, 4243, 5253 Secondary Applied Cello (1). Individual instruction in applied music on cello as a secondary instrument. Prerequisite: Permission of the instructor.

MVS 1214, 2224, 3234, 4244, 5254 Secondary Applied Double Bass (1). Individual instruction in applied music on double bass as a secondary instrument. Prerequisite: Permission of the instructor.

MVS 1215, 2225, 3235, 4245, 5255 Secondary Applied Harp (1). Individual instruction in applied music on harp as a secondary instrument. Prerequisite: Permission of the instructor.

MVS 1216, 2226, 3236, 4246, 5256 Secondary Applied Guitar (1). Individual instruction in applied music on guitar as a secondary instrument. Prerequisite: Permission of the instructor.

MVS 1311, 2321, 3331, 4341, 5351 Principal Applied Violin (2). Individual instruction in applied music on violin as a principal instrument. Music majors only.

MVS 1312, 2322, 3332, 4342, 5352 Principal Applied Viola (2). Individual instruction in applied music on viola as a principal instrument. Music majors only.

MVS 1313, 2323, 3333, 4343, 5353 Principal Applied Cello (2). Individual instruction in applied music on cello as a principal instrument. Music majors only.

MVS 1314, 2324, 3334, 4344, 5354 Principal Applied Double Bass (2). Individual instruction in applied music on double brass as a principal instrument. Music majors only.

MVS 1315, 2325, 3335, 4345, 5355 Principal Applied Harp (2). Individual instruction in applied music on harp as a principal instrument. Music majors only.

MVS 1316, 2326, 3336, 4346, 5356 Principal Applied Guitar (2). Individual instruction in applied music on guitar as a principal instrument. Music majors only.

MVS 1411, 2421 Major Applied Violin (2). Individual instruction in applied music on violin as a major instrument. Music majors only.

MVS 1412, 2422 Major Applied Viola (2). Individual instruction in applied music on viola as a major instrument. Music majors only.

MVS 1413, 2423 Major Applied Cello (2). Individual instruction in applied music on cello as a major instrument. Music majors only.

MVS 1414, 2424 Major Applied Double Bass (2). Individual instruction in applied music on double brass as a major instrument. Music majors only.

MVS 1415, 2425 Major Applied Harp (2). Individual instruction in applied music on harp as a major instrument. Music majors only.

MVS 1416, 2426 Major Applied Guitar (2). Individual instruction in applied music on guitar as a major instrument. Music majors only.

MVS 2226 Intermediate Guitar Skills (1). Emphasis on techniques and styles such as calypso, folk, blues, classical, and jazz. Open to all FIU students. Prerequisite: MVS 1116.

MVS 3431, 4441, 5451 Major Applied Violin (3). Individual instruction in applied music on violin as a major instrument. Music majors only.

MVS 3432, 4442, 5452 Major Applied Viola (3). Individual instruction in applied music on viola as a major instrument. Music majors only.

MVS 3433, 4443, 5453 Major Applied Cello (3). Individual instruction in applied music on cello as a major instrument. Music majors only.

MVS 3434, 4444, 5454 Major Applied Double Bass (3). Individual instruction in applied music on double brass as a major instrument. Music majors only.

MVS 3435, 4445, 5455 Major Applied Harp (3). Individual instruction in applied music on harp as a major instrument. Music majors only.

MVS 3436, 4446, 5456 Major Applied Guitar (3). Individual instruction in applied music on guitar as a major instrument. Music majors only.

MVS 3970 Junior Recital - String (1). All music performance majors must present, during their junior year, at least one half of a public recital, and pass an oral examination on the music programmed. See areas of emphasis for specific requirements.

MVS 4541, 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.

MVS 4971 Senior Recital - String (1). All music majors must present, before graduation, at least one half (full recital performance major) of a public recital, and pass an oral examination on the music programmed. See areas of emphasis for specific requirements.

MVV 1111 Voice Class (1). Class instruction on voice designed to help the student in developing performance

skills and increased musical knowledge. Prerequisite: Permission of the instructor.

MVV 1211, 2221, 3231, 4241, 5251 Secondary Applied Voice (1). Individual instruction in applied music on voice as a secondary instrument. Prerequisite: Permission of the instructor.

MVV 1311, 2321, 3331, 4341, 5351 Principal Applied Voice (2). Individual instruction in applied music on trumpet as a principal instrument. Music majors only.

MVV 1411, 2421 Major Applied Voice (2). Individual instruction in applied music on voice as a major instrument. Music majors only.

MVV 2121 Intermediate Voice Class (1). Emphasis on sightsinging, tonal production, interpretation, and other vocal exercises. Particular attention is paid to vocal and acting improvisation. Prerequisite: MVV 1111.

MVV 3431, 4441, 5451 Major Applied Voice (3). Individual instruction in applied music on voice as a major instrument. Music majors only.

MVV 3630 Vocal Pedagogy (2). Research into various philosophies of vocal pedagogy with emphasis on the science of acoustics, anatomy, terminology, psychological factors which apply to the art of singing.

MVV 3970 Junior Recital - Voice (1). All music performance majors must present, during their junior year, at least one half of a public recital, and pass an oral examination on the music programmed. See areas of emphasis for specific requirements.

MVV 4551 Opera History Practicum (2). A performance course corequisite with History of Opera: MUL 4662 with emphasis on historical development and differentiation of operatic styles through characterization and musical interpretation. Includes ensemble experience.

MVV 4971 Senior Recital - Voice (1). All music majors must present, before graduation, at least one half (full recital performance major) of a public recital, and pass an oral examination on the music programmed. See areas of emphasis for specific requirements.

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 1211, 2221, 3231, 4241, 5251 Secondary Applied Flute (1). Individual instruction in applied music on flute as a secondary instrument. Prerequisite: Permission of the instructor.

MVW 1212, 2222, 3232, 4242, 5252 Secondary Applied Oboe (1). Individual instruction in applied music on oboe as a secondary instrument. Prerequisite: Permission of the instructor.

MVW 1213, 2223, 3233, 4243, 5253 Secondary Applied Clarinet (1). Individual instruction in applied music on clarinet as a secondary instrument. Prerequisite: Permission of the instructor.

MVW 1214, 2224, 3234, 4244, 5254 Secondary Applied Bassoon (1). Individual instruction in applied music on bassoon as a secondary instrument. Prerequisite: Permission of the instructor.

MVW 1215, 2225, 3235, 4245, 5255 Secondary Applied Saxophone (1). Individual instruction in applied music on saxophone as a secondary instrument. Prerequisite: Permission of the instructor.

MVW 1311, 2321, 3331, 4341, 5351 Principal Applied Flute (2). Individual instruction in applied music on flute as a principal instrument. Music majors only.

MVW 1312, 2322, 3332, 4342, 5352 Principal Applied Oboe (2). Individual instruction in applied music on oboe as a principal instrument. Music majors only.

MVW 1313, 2323, 3333, 4343, 5353 Principal Applied Clarinet (2). Individual instruction in applied music on clarinet as a principal instrument. Music majors only.

MVW 1314, 2324, 3334, 4344, 5354 Principal Applied Bassoon (2). Individual instruction in applied music on bassoon as a principal instrument. Music majors only.

MVW 1315, 2325, 3335, 4345, 5355 Principal Applied Saxophone (2). Individual instruction in applied music on saxophone as a principal instrument. Music majors only.

MVW 1411, 2421 Major Applied Flute (2). Individual instruction in applied music on flute as a major instrument. Music majors only.

MVW 1412, 2422 Major Applied Oboe (2). Individual instruction in applied music on oboe as a major instrument. Music majors only.

MVW 1413, 2423 Major Applied Clarinet (2). Individual instruction in applied music on clarinet as a major instrument. Music majors only.

MVW 1414, 2424 Major Applied Bassoon (2). Individual instruction in applied music on bassoon as a major instrument. Music majors only.

MVW 1415, 2425 Major Applied Saxophone (2). Individual instruction in applied music on saxophone as a major instrument. Music majors only.

MVW 3431, 4441, 5451 Major Applied Flute (3). Individual instruction in applied music on flute as a major instrument. Music majors only.

MVW 3432, 4442, 5452 Major Applied Oboe (3). Individual instruction in applied music on oboe as a major instrument. Music majors only.

MVW 3433, 4443, 5453 Major Applied Clarinet (3). Individual instruction in applied music on clarinet as a major instrument. Music majors only.

MVW 3434, 4444, 5454 Major Applied Bassoon (3). Individual instruction in applied music on bassoon as a major instrument. Music majors only.

MVW 3435, 4445, 5455 Major Applied Saxophone (3). Individual instruction in applied music on saxophone as a major instrument. Music majors only.

MVW 3970 Junior Recital - Woodwind (1). All music performance majors must present, during their junior year, at least one half of a public recital, and pass an oral examination on the music programmed. See areas of emphasis for specific requirements.

MVW 4971 Senior Recital - Woodwind (1). All music majors must present, before graduation, at least one half (full recital performance major) of a public recital, and pass an oral examination on the music programmed. See areas of emphasis for specific requirements.