112 Chamber Music
Fall, Spring. 1(1-1) A student may earn a maximum of 10 credits in all enrollments for this course. R: Open to students in the College of Music. Rehearsal and performance of a broad range of chamber music literature.

113 Philharmonic Orchestra
Fall, Spring. 1(0-5) A student may earn a maximum of 10 credits in all enrollments for this course. RB: High school and/or youth orchestra experience/other college or university ensemble experience. R: Audition required. Rehearsal and performance of symphonic and operatic repertoire.

114 Marching Band
Fall. 1(0-9) A student may earn a maximum of 6 credits in all enrollments for this course. R: Audition required. Rehearsal and performance of broad range of marching band literature at football games.

115 Spartan Brass
Spring. 1(0-2) A student may earn a maximum of 6 credits in all enrollments for this course. R: Audition required. Rehearsal and performance of broad range of brass literature at basketball and hockey games.

116 Campus Band
Fall, Spring. 1(0-3) A student may earn a maximum of 10 credits in all enrollments for this course. R: Audition required. Rehearsal and performance of broad range of band literature chosen from baroque period to the present.

117 Concert Band
Fall, Spring. 1(0-3) A student may earn a maximum of 10 credits in all enrollments for this course. R: Audition required. Rehearsal and performance of broad range of wind literature from various historical periods and styles.

118 Wind Symphony
Fall, Spring. 1(0-6) A student may earn a maximum of 10 credits in all enrollments for this course. R: Audition required. Rehearsal and performance of broad range of wind literature from various periods and styles.

119 Symphony Band
Fall, Spring. 1(0-4) A student may earn a maximum of 10 credits in all enrollments for this course. R: Audition required. Rehearsal and performance of a broad range of wind and percussion literature.

120 Symphony Orchestra
Fall, Spring. 1(0-6) A student may earn a maximum of 10 credits in all enrollments for this course. R: Audition required. Rehearsal and performance of symphonic and operatic repertoire.

122 Concert Orchestra
Fall, Spring. 1(0-2) A student may earn a maximum of 10 credits in all enrollments for this course. R: Audition required. Rehearsal and performance of symphonic and concert literature written for large orchestra. Conducted by staff conductors under the supervision of faculty.

123 Novum Voce I
Fall, Spring. 1(0-3) A student may earn a maximum of 10 credits in all enrollments for this course. R: Audition required. Rehearsal and performance of representative literature for mixed choir with emphasis on world music.

124 Choral Union
Fall, Spring. 1(0-2) A student may earn a maximum of 10 credits in all enrollments for this course. R: Audition required. University and community chorus. One evening rehearsal per week, culminating in performance of a major work with orchestra.

125 Glee Club, Men and Women
Fall, Spring. 1(0-3) A student may earn a maximum of 10 credits in all enrollments for this course. R: Audition required. Rehearsal and performance of broad range of choral literature chosen from medieval period to the present.

126 State Singers
Fall, Spring. 1(0-4) A student may earn a maximum of 10 credits in all enrollments for this course. R: Audition required. Mixed choir performing music from all periods.

127 University Chorale
Fall, Spring. 1(0-4) A student may earn a maximum of 10 credits in all enrollments for this course. R: Audition required. Mixed chamber choir for experienced singers performing representative literature from all periods.

129 Percussion Ensemble
Fall, Spring. 1(1-3) A student may earn a maximum of 10 credits in all enrollments for this course. R: Audition required. Rehearsal and performance of representative works for percussion and mallet ensembles.

130 Jazz Band
Fall, Spring. 1(0-4) A student may earn a maximum of 10 credits in all enrollments for this course. R: Audition required. Rehearsal and performance in large jazz ensemble. Literature from classic bands of Ellington and Basie to contemporary composers.

131 Jazz Combo
Fall, Spring. 1(1-2) A student may earn a maximum of 10 credits in all enrollments for this course. R: Audition required. Rehearsal and performance in small jazz ensembles. Literature from all historical periods of jazz.

132 Class Instruction in Piano I
Fall. 1(1-0) R: Open to students in the College of Music. Use of the piano as a teaching tool.

133 Class Instruction in Piano II
Spring. 1(1-1) RB: MUS 141 R: Open to students in the College of Music. Use of the piano as a teaching tool.

143 English Diction for Singers

144 Italian Diction for Singers

145 Class Instruction in Voice I
Fall, Spring. 1(1-1) Rules of pronunciation. Vocal techniques.

146 Class Instruction in Elementary Piano I
Fall, Spring. 2(2-1) R: Not open to students in the College of Music. Basic notation, performance, improvisation, and transposition. Repertoire includes folksongs, simple classics, and blues.

147 Keyboard Skills
Fall of even years. 1(0-2) A student may earn a maximum of 4 credits in all enrollments for this course. R: Open to students in the College of Music. Sight-reading, transposing, figured bass, keyboard harmony, and accompanying instrumentalists and vocalists.

150A Piano
Fall, Spring. 2 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. R: Open to students in the College of Music. Private instruction in piano.

150C Harp
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music. Private instruction in harp.

150J Piano: Jazz
Fall, Spring. 1 to 2 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to students in the College of Music. Private instruction in piano.

150M Piano for Piano Minors
Fall, Spring. 1(1-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Approval of college. Piano for piano minors.

151 Voice
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to students in the College of Music. Private instruction in voice.

151J Voice: Jazz
Fall, Spring. 1 to 2 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open to students in the College of Music. Private instruction in voice.

151N Voice for Non-Music Majors
Fall, Spring. 1(1-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to undergraduate students. Private voice lessons for non-music majors.
152A Violin  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in violin.

152B Viola  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in viola.

152C Cello  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in cello.

152D Double Bass  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in double bass.

152J Stringed Instruments: Jazz  
Fall, Spring. 1 to 2 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in a stringed instrument.

153A Flute  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in flute.

153B Oboe  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in oboe.

153C Clarinet  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in clarinet.

153D Saxophone  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in saxophone.

153E Bassoon  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in bassoon.

153F Woodwind Instruments: Jazz  
Fall, Spring. 1 to 2 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in a woodwind instrument.

153N Woodwinds for Non-Music Majors  
Fall, Spring. 1(1-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to undergraduate students.  
Private woodwind lessons for non-music majors.

153P Percussion Instruments: Jazz  
Fall, Spring. 1 to 2 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in percussion instruments.

154A Trumpet  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in trumpet.

154B Horn  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in horn.

154C Trombone  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in trombone.

154D Euphonium  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in euphonium.

154E Tuba  
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in tuba.

154J Brass Instruments: Jazz  
Fall, Spring. 1 to 2 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open to students in the College of Music.  
Private instruction in a brass instrument.

154N Brass for Non-Music Majors  
Fall, Spring. 1(1-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to undergraduate students.  
Private brass lessons for non-music majors.

155A Percussion Instruments  
Fall, Spring. 1(1-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to undergraduate students.  
Private percussion lessons for non-music majors.

160 Class Instruction in Guitar  
Fall, Spring. 1(1-0) R: Open to students in the College of Music or in the Bachelor of Music in Music Therapy and open to teaching students in the College of Music.  
Chording, strumming, and finger picking techniques. Accompanying and song leading with guitar. Reading of notation and tabulature. Classical and popular styles.

162 Class Instruction in Flute and Saxophone  
Spring. 1(0-2) R: Open to teaching students in the College of Music.  
Techniques for playing and teaching flute and saxophone.

163 Class Instruction in Clarinet  
Fall, Spring. 1(0-2) R: Open to teaching students in the College of Music.  
Techniques for playing and teaching clarinet.

164 Class Instruction in Double Reed Instruments  
Spring. 1(0-2) R: Open to teaching students in the College of Music.  
Techniques for playing and teaching oboe and bassoon.

165 Class Instruction in High Brass Instruments  
Fall. 1(0-2) R: Open to teaching students in the College of Music.  
Techniques for playing and teaching trumpet and horn.

166 Class Instruction in Low Brass Instruments  
Fall, Spring. 1(0-2) R: Open to teaching students in the College of Music.  
Techniques for playing and teaching trombone, euphonium, and tuba.

171 Class Instruction in Stringed Instruments I  
Fall. 1(1-1) R: Open to students in the Music major.  
Techniques for playing and teaching stringed instruments at the elementary level.

172 Class Instruction in Stringed Instruments II  
Spring. 1(1-1) P: MUS 171 SA: MUS 161  
Techniques for playing and teaching stringed instruments at the intermediate level and beyond.

173 Class Instruction in Percussion Instruments I  
Fall, Spring. 1(1-1) R: Open to students in the College of Music.  
Techniques for playing and teaching percussion instruments at the elementary level.

174 Class Instruction in Percussion Instruments II  
Spring. 1(1-1) P: MUS 173  
Techniques for playing and teaching percussion instruments at the intermediate level and beyond.

175 Understanding Music  
Fall, Spring. 2(2-0)  
An active and creative approach to understanding the elements of music in a wide variety of music styles. No prior musical skills required.
177 Introduction to Music Education
Fall, Spring. 2(2-1) SA: MUS 280
Historical foundations, current trends, and teaching responsibilities in music education at all curricular levels.

178 Music Theory For Non Music Majors I
Fall. 2(2-1) R: Not open to students in the College of Music. Not open to students with credit in MUS 180 or MUS 181.
Basic components of both written and aural music. No previous musical knowledge assumed.

179 Music Theory For Non Music Majors II
Spring. 3(3-1) P: MUS 178 R: Not open to students in the College of Music. Not open to students with credit in MUS 180 or MUS 181.
Common chords and chord progressions, harmonizing melodies, basic musical forms including some popular and jazz forms, introductory compositional techniques.

180 Fundamentals of Music
Fall. 2(2-1) R: Open to students in the College of Music.
Hierarchical musical structure through species counterpoint and figured bass. Linear and vertical aspects of tonality.

181 Musicianship I
Spring. 3(3-1) P: MUS 180 R: Open to students in the College of Music.
Conceptual and notational presentation of the basic components of musical structure.

182 Ear Training and Sight Singing I
Fall. 1(1-1) P: MUS 180 or concurrently R: Open to students in the College of Music.
Dictation, melody singing using solfège (movable do) syllables, intervals to octave, error detection, quarter note values in rhythm, part singing.

183 Ear Training and Sight Singing II
Spring. 1(1-1) P: MUS 182 and (MUS 181 or concurrently) R: Open to students in the College of Music.
Hierarchical musical structure through species counterpoint and figured bass. Linear and vertical aspects of tonality.

184 Jazz Styles and Analysis I
Fall. 2(2-0) R: Open to students in the College of Music.
Introduction to jazz. Listening and appreciating jazz. Jazz styles, history and analysis.

185 Jazz Styles and Analysis II
Spring. 2(2-0) P: MUS 185 R: Open to students in the College of Music.
Listening and appreciating jazz. Jazz styles, history and analysis.

200 Introduction to Music Theory
Fall. 1(1-1) R: Open to graduate students in the College of Music. SA: MUS 800
Elements of music theory, with emphasis on voice-leading and harmonic analysis in diatonic and chromatic music.

201 Aural Skills
Spring. 1(1-1) R: Open to graduate students in the College of Music. SA: MUS 801
Ear training in the areas of melody, harmony, and rhythm. Sight singing using the solfège system. Computer-aided drill programs.

209 Principles of Music Theory
Fall. 2(2-1) P: MUS 181
Elements of music theory, with emphasis on voice-leading and harmonic analysis in diatonic and chromatic music.

210 Song Writing
Fall of odd years. 2(2-1) RB: Class members should be able to sing and play an accompanying instrument such as guitar or keyboard.
Develop and refine the ability to express oneself through songwriting.

211 History of Western Music to 1750
Fall. 3(3-0) P: MUS 181 R: Not open to freshmen and open to students in the College of Music.
Music from ancient Greece through the Baroque. Literature and theory of plainsong, instrumental and vocal traditions, and vocal polyphony before 1750 in sociopolitical context.

212 History of Western Music Since 1750
Spring. 3(3-0) P: MUS 161 RB: MUS 211 R: Not open to freshmen and open to students in the College of Music.
Literature of the cultivated tradition and its theory in sociopolitical context.

213 Beginning Jazz Improvisation I
Spring. 2(2-1) P: MUS 181 R: Not open to freshmen.
Keys, modes, chord progressions as improvisational tools. Blues form in basic keys. Aural transcription of recorded solos.

214 Advanced Class Instruction in Piano I
Fall. 1(1-1) P: MUS 142 R: Not open to freshmen.
Use of the piano as a teaching tool in school music.

215 Advanced Class Instruction in Piano II
Spring. 1(1-1) P: MUS 241 R: Not open to freshmen and open to students in the College of Music.
Continuation of MUS 241.

216 German Diction for Singers
Fall. 1(1-1) P: MUS 151 R: Open to students in the College of Music.
German lyric diction. Rules of pronunciation. Performance of German art songs in class.

217 French Diction for Singers
Spring. 1(1-1) P: MUS 151 R: Open to students in the College of Music.

218 Music Therapy: Foundations and Principles
Fall. 3(3-0)
History, philosophy and scope of the practice of music therapy. Use of music in promoting health and treating people with special needs.

219 Music Therapy: Instrumental, Vocal and Movement Techniques
Spring. 3(3-0) RB: MUS 270
Creative and expressive techniques involving percussion instruments, autoharp, handchimes, song leading, creative movement, and folk dance.

220 Principles of Music Education
Fall, Spring. 3(2-2) P: MUS 177 SA: MUS 339
Techniques for developing instructional and management skills for teaching music. On- and off-campus clinical experiences required.

221 Musicianship II
Fall. 3(3-1) P: MUS 181
Techniques of diatonic modulation and soprano harmonization. Chromatic techniques.

222 Musicianship III
Spring. 3(3-1) P: MUS 280
Research base for formal categorization. Large-scale principles of musical organization. Chromatic substitution and chords derived from voice-leading.

223 Advanced Ear Training and Sight Singing I
Fall. 1(1-1) P: MUS 183 and (MUS 280 or concurrently)
Dictation including recognition of triads, functions, cadences, seventh-chord harmonies, chord components. Two-and four-part dictation and singing.

224 Advanced Ear Training and Sight Singing II
Spring. 1(1-1) P: MUS 282 and (MUS 281 or concurrently)
Recognition of harmonic functions in major keys, minor keys, and modulations. Dictation in two-and four-part textures including augmented-sixth chords and nonharmonic tones.

225 Independent Study
Fall, Spring. 1 to 3 credits.
A student may earn a maximum of 9 credits in all enrollments for this course. R: Approval of college.
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

226 Selected Topics in Music
Fall, Spring. 1 to 3 credits.
A student may earn a maximum of 15 credits in all enrollments for this course. R: Approval of college.
Topics selected and developed to enrich the music students educational experience beyond existing courses.

227 Principles of Music Education
Fall, Spring. 3(2-2) P: MUS 177 SA: MUS 339
Techniques for developing instructional and management skills for teaching music. On- and off-campus clinical experiences required.

228 Musicianship II
Fall. 3(3-1) P: MUS 181
Techniques of diatonic modulation and soprano harmonization. Chromatic techniques.

229 Musicianship III
Spring. 3(3-1) P: MUS 280
Research base for formal categorization. Large-scale principles of musical organization. Chromatic substitution and chords derived from voice-leading.

230 Advanced Ear Training and Sight Singing I
Fall. 1(1-1) P: MUS 183 and (MUS 280 or concurrently)
Dictation including recognition of triads, functions, cadences, seventh-chord harmonies, chord components. Two-and four-part dictation and singing.

233 Selected Topics in Music
Fall, Spring. 1 to 3 credits.
A student may earn a maximum of 15 credits in all enrollments for this course. R: Approval of college.
Topics selected and developed to enrich the music students educational experience beyond existing courses.

234 Advanced Jazz Musicianship I
Fall. 3(2-1) P: MUS 231
Secondary dominants, borrowed chords, and tritone substitutions. Transcriptions of recorded jazz solos.
Jazz piano skills.

235 Advanced Jazz Musicianship II
Spring. 3(2-1) P: MUS 301
Pentatonic scale relationships within II-V-I progressions. Aleatoric approaches to improvisation, non-traditional chord progressions, and transcription of recorded jazz solos.

236 Advanced Jazz Musicianship III
Fall. 3(2-1) P: MUS 302
Continuation of Advanced Jazz Musicianship II.

237 Advanced Jazz Musicianship IV
Spring. 3(2-1) P: MUS 303 R: Open to juniors or seniors in the College of Music.
Continuation of Advanced Jazz Musicianship III.
335 Ensemble Conducting I
Fall, 2(2-0) P: MUS 281 R: Open to teaching students in the College of Music and open to students in the Bachelor of Music in Composition and Music Theory or in the Bachelor of Music in Music Therapy. Introduction to conducting and rehearsal techniques.

336A Ensemble Conducting II: Instrumental
Spring, 2(2-0) P: MUS 335 R: Open to teaching students in the College of Music or in the Bachelor of Music in Composition and Music Theory. SA: MUS 336
Advanced conducting and rehearsal techniques as applied to music literature from each of the stylistic periods.

336B Ensemble Conducting II: Choral
Spring, 2(2-0) P: MUS 335 R: Open to teaching students in the College of Music or in the Bachelor of Music in Composition and Music Theory. SA: MUS 336
Advanced conducting and rehearsal techniques as applied to music literature from each of the stylistic periods.

337 Conducting for Music Performance Majors
Spring, 1(1-1) P: MUS 281 R: Open to students in the Bachelor of Music in Music Performance.
Beat patterns, clefs, and transpositions of string, wind, and percussion instruments. Score reading and analysis. Rehearsal techniques.

340 Methods and Literature for Voice
Fall, 3(3-0) RB: Four semesters of MUS 151, R: Open to students in the College of Music. Methods of teaching voice. Literature for both private lessons and classrooms.

341 String Pedagogy
Spring of odd years, 2(2-1) R: Open to students in the College of Music.
Principles, techniques, and materials for teaching stringed instruments.

346 Keyboard Methods and Literature I
Fall of even years, 2(2-0) RB: Four semesters of MUS 150A, R: Open to students in the College of Music. Beginning and intermediate methods and literature for teaching piano. Observation and teaching of beginning piano students.

347 Keyboard Methods and Literature II
Spring of odd years, 2(2-0) P: MUS 346 R: Open to students in the College of Music. Intermediate and advanced methods and literature for teaching piano. Observation and teaching of piano students.

348 Piano Accompanying
Fall, Spring, 1(0-3) A student may earn a maximum of 8 credits in all enrollments for this course. RB: MUS 149 R: Not open to freshmen and open to students in the College of Music. Accompaniment of instrumental and vocal soloists.

349 Piano Performance
Fall, Spring, 1(0-2) A student may earn a maximum of 10 credits in all enrollments for this course. R: Open to students in the College of Music. Critique and analysis of individual performances in a group setting.

350A Piano
Fall, Spring, 2 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. P: MUS 150A R: Open to students in the College of Music. Private instruction in piano.

350C Harp
Fall, Spring, 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. P: MUS 150C R: Open to students in the College of Music. Private instruction in harp.

350J Applied Jazz Piano
Fall, Spring, 2(2-0) A student may earn a maximum of 10 credits in all enrollments for this course. P: MUS 150J.
Continuation of MUS 150J. Further refinement of listening skills. Technical analysis of more advanced forms of jazz styles and improvisation. Advanced techniques pertaining to the use of piano in contemporary settings.

351 Voice
Fall, Spring, 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. P: MUS 151 R: Open to students in the College of Music. Private instruction in voice.

351J Applied Jazz Vocals
Fall, Spring, 2(2-0) A student may earn a maximum of 10 credits in all enrollments for this course. P: MUS 151J.

352A Violin
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 152A R: Open to students in the College of Music. Private instruction in violin.

352B Viola
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 152B R: Open to students in the College of Music. Private instruction in viola.

352C Cello
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 152C R: Open to students in the College of Music. Private instruction in cello.

352D Double Bass
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 152D R: Open to students in the College of Music. Private instruction in double bass.

352J Applied Jazz Strings
Fall, Spring, 2(2-0) A student may earn a maximum of 10 credits in all enrollments for this course. P: MUS 152J.
Continuation of MUS 152J. Further refinement of listening skills. Technical analysis of advanced forms of jazz styles and improvisation. Significant be-bop and hard-bop compositions. Advanced techniques pertaining to use of string instruments in contemporary settings.

353A Flute
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 153A R: Open to students in the College of Music. Private instruction in flute.

353B Oboe
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 153B R: Open to students in the College of Music. Private instruction in oboe.

353C Clarinet
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 153C R: Open to students in the College of Music. Private instruction in clarinet.

353D Saxophone
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 153D R: Open to students in the College of Music. Private instruction in saxophone.

353E Bassoon
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 153E R: Open to students in the College of Music. Private instruction in bassoon.

353J Applied Jazz Woodwinds
Fall, Spring, 2(2-0) A student may earn a maximum of 10 credits in all enrollments for this course. P: MUS 153J.
Continuation of MUS 153J. Further refinement of listening skills. Technical analysis of more advanced forms of jazz styles and improvisation. Significant, be-bop and hard-bop compositions. Advanced techniques pertaining to the use of woodwinds in contemporary settings.

354A Trumpet
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 154A.
Continuation of MUS 154A. Further refinement of listening skills. Technical analysis of advanced forms of jazz styles and improvisation. Significant, be-bop and hard-bop compositions. Advanced techniques pertaining to the use of woodwinds in contemporary settings.

354B Horn
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 154B R: Open to students in the College of Music. Private instruction in horn.

354C Trombone
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 154C R: Open to students in the College of Music. Private instruction in trombone.

354D Euphonium
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 154D R: Open to students in the College of Music. Private instruction in euphonium.

354E Tuba
Fall, Spring, 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 154E R: Open to students in the College of Music. Private instruction in tuba.
413  Keyboard Literature to Mid-19th Century
Fall of odd years. 2(2-1) P: MUS 281 R:
Open to students in the College of Music.
Keyboard styles and works of representative com-
posers such as Bach, Couperin, Mozart, Haydn, and
Bach, Schumann, Chopin, Ives, and Pro-
kofiev.

415  Art Song Literature: German
Fall of even years. 2(2-1) P: MUS 248 and
MUS 261 R: Open to students in the Col-
lege of Music and not open to freshmen or
Sophomores. C: MUS 350A concurrently or
MUS 350A concurrently or MUS 351 con-
currently or MUS 851 concurrently.
Standard art song repertoire with emphasis on
German Lieber. Performance of art songs in class.

416  Art Song Literature: French, Spanish,
and Italian
Spring of odd years. 2(2-1) P: MUS 248 and
MUS 261 R: Open to students in the Col-
lege of Music and not open to freshmen or
Sophomores. C: MUS 350A concurrently or
MUS 850 concurrently or MUS 351 con-
currently or MUS 851 concurrently.
Standard art song repertoire with emphasis on
French, Spanish, and Italian art songs. Performance of
art songs in class.

417  Art Song Literature: British and
American
Fall of odd years. 2(2-1) P: MUS 248 and
MUS 261 RB: Vocal and piano performance
majors. Students must be enrolled in 300-
level or higher voice or piano. R: Open to
juniors or seniors in the College of Music. C:
MUS 350A concurrently or MUS 850A concurrently or MUS 351 concurrently or MUS 851 concurrently.

418  Opera and Oratorio Aria Repertoire
Spring of even years. 2(2-1) P: MUS 248 and
MUS 261 RB: Vocal and piano perfor-
manace majors. Students must be enrolled in 300-
level or higher voice or piano. R: Open to
junors or seniors in the College of Music. C:
MUS 350A concurrently or MUS 850A concurrently or MUS 351 concurrently or MUS 851 concurrently.

419  Baroque Music
Spring of odd years. 2(2-0) P: MUS 211 and
MUS 212 R: Open to students in the Col-
lege of Music. Developments in musical forms and styles from 1600-1750.

420  Music of the 18th Century
Spring of even years. 2(2-0) P: MUS 212 R:
Not open to freshmen or sophomores and
open to students in the College of Music.
Late baroque and early classical traditions: styles,
genres, forms, theories, aesthetics, performance
practices, instruments, and masterworks in sociopol-
itical context. Aural and score analysis of repre-
sentative works.

421  19th Century European-American Music
Literature
Spring of odd years. 2(2-0) P: MUS 212 R:
Not open to freshmen or sophomores and
open to students in the College of Music.
Late classical and romantic period traditions: styles,
genres, forms, theories, aesthetics, performance
practice, instruments and masterworks in sociopol-
itical context. Aural and score analysis of representa-
tive works.

422  20th Century European and American
Music Literature
Fall. 2(2-0) P: MUS 212 R: Not open to
freshmen or sophomores and open to stu-
dents in the College of Music.
Twentieth-century styles, genres, forms, theories,
aesthetics, performance practices, instruments and
masterworks in sociopolitical context. Aural and
score analysis of representative works.

423  History of Opera
Fall of odd years. 2(2-0) P: MUS 212 R:
Open to students in the College of Music.
Musical, cultural, and social significanc of opera
since 1600.

424  Music, Sexuality, and Gender
Fall of even years. 2(2-0) P: MUS 211 and
MUS 212 RB: Basic knowledge of Western
music history and musical forms. R: Open to
students in the College of Music or approval of
college.
Inclusion and exclusion of women from histories of
music. Comparison of historical women music-
makers with contemporary women music-makers.

425  Music of South Asia and Its Diaspora
Fall of odd years. 2(2-0) P: MUS 212 R: Not
open to freshmen or sophomores.
Music associated with the cultures of South Asian
India and Pakistan, and South Asian musical prac-
tices in its Diaspora.

426  Music of Africa
Spring of odd years. 2(2-0) R: Not open to
freshmen or sophomores.
Music associated with the cultures of Africa.

429  Music of East Asia
Fall of even years. 2(2-0) P: MUS 212 R:
Not open to freshmen or sophomores.
Music associated with the cultures of East Asia.

430  Music of the Caribbean
Spring of even years. 2(2-0) P: MUS 212 or
approval of college. R: Not open to freshmen
or sophomores.
Music with the cultures of the Caribbean.

431  Business of Music
Spring. 2(2-0)
Fundamental structure of the music industry. Pro-
ducers, managers, attorneys, and agents. Songwrit-
ing and music publishing. Agreements and con-
tacts. Touring and performances. Marketing,
merchandising, and advertising. Recording and
distribution. Careers in music.

434  Orchestral Musicianship
Fall. Spring. 1(1-1) A student may earn a
maximum of 6 credits in all enrollments for
this course. R: Open to students in the Col-
lege of Music and not open to freshmen in the
College of Music. Performance of standard symphonic literature of 18th, 19th and 20th century music for string instru-
ments. Preparation for orchestral auditions.
435 Opera Theatre
Fall, Spring. 1 to 2 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Audition required. Rehearsal and performance of complete operas and operatic excerpts.

436 Popular Music of Black America
Fall of even years. 2(2-0) P: MUS 212 Black popular music from 1945 to the present. Influence on American popular music. Rhythm and blues, soul, funk, disco, rap, and their derivative forms. Role of African-American performers, songwriters and producers in the development of a multi-billion-dollar music industry.

438 Jazz Pedagogy I
Fall. 2(2-0) P: MUS 281 R: Open to juniors or seniors in the College of Music. Teaching theory and methodologies for jazz education in secondary schools.

439 Jazz Pedagogy II
Spring. 2(2-0) P: MUS 438 Teaching theory and methodologies for jazz education in secondary schools.

441 Introduction to Computer Music
Fall. 3(0-0) P: MUS 281 R: Not open to freshmen or sophomores. Digital synthesizers, samplers, and Musical Instrument Digital Interface. Computer sequencing and timbre editing software. Compositional techniques of computer music.

442 Independent Projects in Computer Music
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P: MUS 441 Independent composition or research in computer music. Assigned use of computer music studios.

443 Anthropology of Music
Fall of odd years. 2(2-0) P: MUS 212 R: Open to juniors or seniors in the College of Music or approval of college. Study of social theories developed in anthropology and ethnomusicology.

444 Advanced Keyboard Methods and Literature I
Fall of odd years. 2(2-0) RB: MUS 347 R: Open to students in the College of Music. Advanced piano literature for private lessons and classrooms.

449 Advanced Keyboard Methods and Literature II
Spring of even years. 2(2-0) RB: MUS 448 R: Open to students in the College of Music. Continuation of advanced keyboard methods and literature.

455 Teaching Instrumental Music
Spring. 3(3-1) P: MUS 177 and (MUS 336A or MUS 336B) Development of skills necessary for teaching elementary and secondary band. Role of the instrumental music educator purpose of instrumental music in the schools. Clinical experiences in schools required.

456 Teaching Stringed Instruments
Fall. 3(2-2) P: MUS 177 and (MUS 336A or MUS 336B) Development of skills and knowledge for teaching string and orchestra programs in schools. Pedagogy, musicianship, curriculum, materials and program administration. Clinical experiences in schools required.

461 Marching Band Methods
Spring. 2(2-0) R: Not open to freshmen or sophomores and open to teaching students in the College of Music. Administration of school marching bands. Technical and philosophical aspects.

462 Suzuki Methods and Materials
Spring of even years. 2(1-2) R: Open to students in the College of Music. Beginning levels of Suzuki violin pedagogy.

463 Methods and Materials of Elementary Music
Fall, Spring. 3(3-0) R: Not open to students in the College of Music. How children learn music from early childhood to grade three.

465 Music in Early Childhood
Fall. 2(2-0) R: Not open to freshmen or sophomores and open to teaching students in the College of Music. Music learning activities and teaching strategies for children ages three to six.

467 Teaching General Music in the Elementary School
Spring. 3(2-2) P: MUS 277 R: Open to teaching students in the College of Music. Techniques for teaching general music to students in grades K-6. Curriculum, pedagogy, materials, and program administration. Clinical experience in schools required.

468 Teaching Choral Music
Spring. 3(2-2) P: MUS 177 and (MUS 336A or MUS 336B) Techniques for developing choral music programs. Curriculum, pedagogy, materials, and program administration. Clinical experiences in schools required.

469 Teaching Secondary Classroom Music
Fall. 3(3-1) P: MUS 177 Techniques for teaching general music and elective music classes in middle schools and high schools. Clinical experiences in schools required.

470 Music Therapy: Mental and Behavioral Disorders
Fall. 3(3-1) P: MUS 270 R: Open to students in the College of Music and not open to freshmen. Use of music therapy to treat clients with mental and behavioral disorders. Clinical practicum required.

471 Music Therapy: Physical and Developmental Disabilities
Spring. 3(3-1) P: MUS 270 R: Open to students in the College of Music and not open to freshmen. Use of music therapy to treat clients with physical and developmental disabilities, and medical music therapy. Clinical practicum required.

473 Music Therapy: Active and Receptive Strategies
Fall of odd years. 3(3-0) P: MUS 270 and MUS 142 R: Open to students in the College of Music. Understanding and developing basic skills of active and receptive strategies of music therapy, focusing on clinical keyboard improvisation and music-assisted relaxation and imagery inductions.

474 Aesthetic Theory and Modernism
Fall. 4(4-0) Interdepartmental with English and History of Art and Linguistics and Languages and Philosophy and Romance Languages. Administered by Philosophy. R: Not open to freshmen or sophomores. Problems, assumptions, and arguments of modern aesthetic theory examined in the context of debates over modernity and modernist artistic practice.

476 Music Psychology

478 Music Therapy: Quantitative and Qualitative Research
Spring of odd years. 3(3-0) P: MUS 270 and MUS 271 R: Open to students in the College of Music. Development of skills in conducting. Understanding quantitative and qualitative research in music therapy.

480 Counterpoint
Fall, Spring. 2(2-0) P: MUS 381 R: Open to students in the College of Music. Creative and analytical work with two- and three-part counterpoint in the style of J.S. Bach.

481 Acting for Singers
Fall. 1(1-0) A student may earn a maximum of 4 credits in all enrollments for this course. R: Open to sophomores or juniors or seniors in the College of Music. Solo acting techniques for the operatic stage.

482 Opera Scene Study
Spring. 1(1-0) A student may earn a maximum of 4 credits in all enrollments for this course. R: Open to sophomores or juniors or seniors in the College of Music. Group acting techniques for the operatic stage.

483 Composition
Fall, Spring. 2 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to sophomores or juniors or seniors in the College of Music. Private instruction in music composition.

484 Instrumentation and Basic Orchestration
Fall. 2(2-1) P: MUS 381 R: Open to students in the College of Music. Four families of orchestral instruments: strings, woodwinds, brass, and percussion. Acoustics, notation, range, articulation, dynamics, technique, and timbre for individual instruments and orchestral sections.

490 Independent Study
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 15 credits in all enrollments for this course. R: Approval of college. Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.
491 Special Topics in Music
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 15 credits in all enrollments for this course. R: Approval of college.

492 Music Therapy: Clinical Practicum
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P: MUS 270 and MUS 271 and MUS 371 RB: (PSY 101 and PSY 244 and PSY 280) and Freshman and Sophomore music courses R: Open to students in the Bachelor of Music in Music Therapy.


493 Music Therapy: Internship
Fall, Spring. Summer. 1 credit. A student may earn a minimum of 6 credits in all enrollments for this course. P: MUS 471 R: Open to students in the Bachelor of Music in Music Therapy.

Internship in an approved music therapy clinical program at an accredited treatment center.

495 Student Teaching in Music
Fall, Spring. 9 credits. Interdepartmental with Teacher Education. Administered by Music. R: Open to seniors in the Bachelor of Music in Music Education.

Supervised music teaching experience in schools. On-campus seminar required.

801 Advanced Jazz Improvisation I
Fall of even years. 2(2-0) R: Open to masters students in the College of Music.

Development of advanced improvisational skills.

802 Advanced Jazz Improvisation II
Spring of odd years. 2(2-0) P: MUS 801 R: Open to masters students in the College of Music.

Development and refinement of advanced improvisational skills.

810 Graduate Jazz History
Spring. 3(3-0) P: MUS 410 or approval of department R: Open to masters students in the College of Music.

Study of the written and recorded history of jazz as a musical art form. Examination of the role of race, culture, and politics in the development and dissemination of jazz.

830 Research Methods and Materials in Music
Fall. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course. R: Open to graduate students in the College of Music.

Organization, presentation, and documentation of research. Encyclopedias, indices, databases, and other aids.

832 Seminar in Ethnomusicology
Fall of odd years. 3(3-0)

Historical development of ethnomusicology. Theories and techniques of the discipline.

833 Fieldwork in Ethnomusicology
Fall of even years. 3(3-0)

Fieldwork methods and experience. Theoretical issues. Research strategies and techniques.

835 Medieval Music
Spring. 3(3-0) RB: MUS 830 R: Open to graduate students in the College of Music.

European music to 1400. Polyphonic music, with some attention to Gregorian chant and secular monophony.

836 Renaissance Music
Spring. 3(3-0) R: Open to graduate students in the College of Music.

European music, sacred and secular, from 1400 to 1600.

837 17th-Century Music
Fall. 3(3-0) RB: MUS 830 R: Open to graduate students in the College of Music.

Instrumental and vocal music in Europe from 1600 to 1700. Development of genres and of national styles.

841 Opera Score Reductions
Fall of odd years. 2(2-0) R: Open to graduate students in the College of Music.

Modification of piano reductions of opera scores to reflect the full score to make their performance more idiomatic for the piano.

842 Vocal Coaching Techniques
Fall of even years. 2(2-0) R: Open to graduate students in the College of Music.

Development of knowledge and skills required for successful vocal coaching: musical, linguistic, and stylistic.

843 Seminar in Piano Pedagogy
Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: MUS 346 and MUS 347 and MUS 448 RB: Bachelor of Music in Piano Performance, Piano Pedagogy or Music Education. Must satisfactorily pass an audition and interview as required by piano department. R: Open to graduate students in the College of Music.

Advanced piano pedagogy methods and materials for teaching piano at all levels. Conceptualizing and implementing a practical teaching project. Topics will vary.

844 Secondary or Specialist Emphasis: Piano
Fall, Spring. 1(1-0) A student may earn a maximum of 10 credits in all enrollments for this course. R: Open to graduate students in the College of Music.

Instruction in piano for students whose principal instrument is not piano.

845 Secondary or Specialist Emphasis: Voice
Fall, Spring. 1(1-0) A student may earn a maximum of 10 credits in all enrollments for this course. R: Open to graduate students in the College of Music.

Instruction in vocal techniques for students whose principal emphasis is not voice.

846 Secondary or Specialist Emphasis: String
Fall, Spring. 1(1-0) A student may earn a maximum of 8 credits in all enrollments for this course. R: Open to graduate students in the College of Music.

Instruction in violin, viola, cello, or double bass.

847 Secondary or Specialist Emphasis: Brass
Fall, Spring. 1(1-0) A student may earn a maximum of 8 credits in all enrollments for this course. R: Open to graduate students in the College of Music.

Instruction in trumpet, trombone, euphonium, or tuba.

848 Secondary or Specialist Emphasis: Woodwind
Fall, Spring. 1(1-0) A student may earn a maximum of 8 credits in all enrollments for this course. R: Open to graduate students in the College of Music.

Instruction in flute, clarinet, oboe, bassoon, or saxophone.

849 Piano Performance
Fall, Spring. 1(1-0) A student may earn a maximum of 10 credits in all enrollments for this course. R: Open to graduate students in the College of Music.

Critique and analysis of individual performances of piano literature in a group setting.

850A Piano
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. R: Open to masters students in the College of Music.

Fall. 3(3-0) A student may earn a maximum of 18 credits in all enrollments for this course. R: Open to graduate students in the College of Music.

Private instruction in piano.

850B Collaborative Piano
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 10 credits in all enrollments for this course. R: Open to graduate students in the College of Music.

Private instruction in collaborative piano.

850J Jazz Piano
Fall. 3(3-0) A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in voice. R: Open to masters students in the College of Music.

Private instruction in jazz piano.

851 Voice
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 10 credits in all enrollments for this course. R: Open to graduate students in the College of Music.

Private instruction in voice.

852A Violin
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in violin. R: Open to masters students in the College of Music.

Private instruction in violin.

852B Viola
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in violin. R: Open to masters students in the College of Music.

Private instruction in viola.

852C Cello
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in cello. R: Open to masters students in the College of Music.

Private instruction in cello.
852D Double Bass
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in double bass. R: Open to masters students in the College of Music. Private instruction in double bass.

852J Jazz Strings
Fall of even years, Spring. 1 to 3 credits. A student may earn a maximum of 10 credits in all enrollments for this course. R: Open to graduate students in the College of Music. Private instruction in jazz strings.

853A Flute
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in flute. R: Open to masters students in the College of Music. Private instruction in flute.

853B Oboe
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in oboe. R: Open to masters students in the College of Music. Private instruction in oboe.

853C Clarinet
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in clarinet. R: Open to masters students in the College of Music. Private instruction in clarinet.

853D Saxophone
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in saxophone. R: Open to masters students in the College of Music. Private instruction in saxophone.

853E Bassoon
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in bassoon. R: Open to masters students in the College of Music. Private instruction in bassoon.

853J Jazz Woodwinds
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 10 credits in all enrollments for this course. R: Open to graduate students in the College of Music. Private instruction in jazz woodwinds.

854A Trumpet
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in trumpet. R: Open to masters students in the College of Music. Private instruction in trumpet.

854B Horn
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in horn. R: Open to masters students in the College of Music. Private instruction in horn.

854C Trombone
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in trombone. R: Open to masters students in the College of Music. Private instruction in trombone.

854D Euphonium
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in euphonium. R: Open to masters students in the College of Music. Private instruction in euphonium.

854E Tuba
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. RB: Emphasis in tuba. R: Open to masters students in the College of Music. Private instruction in tuba.

854J Jazz Brass
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 10 credits in all enrollments for this course. R: Open to graduate students in the College of Music. Private instruction in jazz brass.

855 Percussion
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 10 credits in all enrollments for this course. RB: Emphasis in percussion. R: Open to masters students in the College of Music. Private instruction in percussion.

855J Jazz Percussion
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 10 credits in all enrollments for this course. R: Open to graduate students in the College of Music. Private instruction in jazz percussion instruments.

856 Chamber Music
Fall, Spring. 1 to 2 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open to graduate students in the College of Music. Performance of chamber music under faculty direction.

858A Seminar in Wind Conducting
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 36 credits in all enrollments for this course. R: Open to graduate students in the Master of Music in Music Conducting in the College of Music. Advanced wind conducting, including core repertoire examination and execution with emphasis on score analysis and preparation.

858B Seminar in Orchestral Conducting
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. R: Open to graduate students in the Master of Music in Music Conducting or in the Doctor of Musical Arts in Music Conducting. Advanced conducting techniques for the orchestral literature of all periods for string, chamber, and symphony orchestras.

858C Seminar in Choral Conducting
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 36 credits in all enrollments for this course. R: Open to graduate students in the College of Music. Private instruction in choral conducting. RB: Emphasis in choral and instrumental music of all periods.

860 Seminar in History and Philosophy of Music Education
Fall. 3(3-0)
Philosophical views regarding the nature of music education leading to the development of a personal, professional philosophy of music education.

861 Seminar in Psychology of Music Education
Spring, Summer of odd years. 3(3-0)
Psychological foundations of music teaching and learning. Psychological research on problems in music teaching.

862 Seminar in Music Curriculum and Methodology
Spring, Summer of odd years. 3(3-0)
Historical, philosophical, and psychological foundations of music education curriculum and methodology. Curriculum development and implementation.

863 Seminar in the Sociology of Music Education
Spring of odd years. 3(3-0)
Examination of sociological theories and research on musical experience and music education. Topics include: musician and teacher identity; music communities and ensembles; musical experience in and out of schools; equity in music education; and the effect of class, power, and culture on the music curriculum.

864 Research in Music Education and Music Therapy
Fall, Summer of even years. 3(3-0)
Methods of research in music education and music therapy. Conceptualization and implementation of a study. Systematic information retrieval. Proposal writing.

870 Advanced Modal Counterpoint
Fall. 3(3-0) P: MUS 480 or approval of college R: Open to graduate students in the College of Music. Techniques of voice-leading through imitative counterpoint. Compositional exercises modeled after sacred vocal polyphony of the sixteenth century, principally Palestrina and Victoria.

871 Advanced Tonal Counterpoint
Spring. 3(3-0) P: MUS 480 or approval of college R: Open to graduate students in the College of Music. Compositional exercises modeled after instrumental polyphony of the eighteenth century, principally J.S. Bach. Influence of fugal technique in the nineteenth and twentieth centuries.

872 Tonal Forms
Fall. 2(2-0) R: Open to graduate students in the College of Music. Music from the period of common practice and its relationship to music composition. Interplay of melody, harmony, rhythm, and timbre in various structural units.
873  Early 20th Century Techniques
Spring. 2(2-0) R: Open to graduate students in the College of Music.
Melodic, harmonic, rhythmic, and textural devices employed in early twentieth century music.

874  Schenkerian Analysis
Fall. 2(2-0) R: Open to graduate students in the College of Music.
Thought, works, and influences of Heinrich Schenker. Techniques of linear analysis emphasizing the role of long-range voice-leading musical structure.

875  Analysis of Musical Scores
Summer. 3(3-0) R: Open to graduate students in the College of Music.
Analysis of choral, orchestral, and band music as a means of enhancing interpretation and performance.

876  Keyboard Skills and Practical Musicianship
Fall of even years. 2(2-0) RB: Pianistic comfort equivalent to J. S. Bach, Anna Magdalena Notebook (consult instructor for recommendations) Ability to play cadences in 24 keys, in four voices. MUS 480 or concurrently or at least 70% on counterpoint placement exam. Experience reading in C-clefs (alto, tenor, soprano). Experience singing while self-accompanying on piano. R: Open to graduate students in the College of Music. Approval of college.
Playing and transposition of cadences, prolongations, sequences, and other idiomatic progressions. Elementary figured-bass realization and melody harmonization. Score reading at the keyboard, including in C-clefs. Stylistic improvisation. Functional keyboard skills for usage in teaching, studying, performing, memorizing, composing, and improvising music.

877  Scoring for Orchestra and Band
Fall. 2(2-1) R: Open to graduate students in the College of Music.
Theory and practice in scoring for orchestra and band.

878  Advanced Scoring for Orchestra and Band
Spring. 2(2-1) RB: MUS 877 R: Open to graduate students in the College of Music.
Orchestra scoring from Bach to Boulez and band scoring from Sousa to Maslanka. Advanced scoring projects.

879  Tonal Literature and Analysis
Fall. 3(3-0) R: Open to graduate students in the College of Music.
Analytical approaches to representative works from the tonal literature.

880  Composition
Fall, Spring. 2(2-0) A student may earn a maximum of 24 credits in all enrollments for this course. R: Open to graduate students in the College of Music.
Advanced guided projects in creative writing of music.

881  Seminar in Composition
Fall, Spring. 2(2-0) A student may earn a maximum of 20 credits in all enrollments for this course. R: Open to graduate students in the College of Music.
Study of contemporary music, with emphasis on compositional procedures.

882  Composition with Computers
Fall of odd years. 2(2-1) R: Open to graduate students in the College of Music.
Current applications of microcomputers in musical composition.

883  Advanced Computer Music Projects
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P: MUS 882 or MUS 441 or approval of college R: Open to graduate students in the College of Music.
Techniques and principles of composition and research with computers. Use of computer hardware and software.

884  Advanced Jazz Styles and Analysis I
Fall of odd years. 2(2-0) R: Open to graduate students in the College of Music.
Development and refinement of effective jazz listening and analysis skills focusing on an understanding and recognition of the basic elements of jazz and the different styles in jazz.

885  Advanced Jazz Styles and Analysis II
Spring of even years. 2(2-0) P: MUS 885 R: Open to graduate students in the College of Music.
Continued development and refinement of effective jazz listening and analysis skills. Understanding and recognizing the basic elements of jazz and the different styles in jazz.

890  Independent Study
Fall, Spring, Summer. 1 to 10 credits. A student may earn a maximum of 20 credits in all enrollments for this course. R: Approval of college.
Special projects, directed reading, and research arranged by an individual graduate student and a faculty member in areas supplementing regular course offerings.

891  Special Topics
Fall, Spring. Summer. 1 to 10 credits. A student may earn a maximum of 25 credits in all enrollments for this course. R: Approval of college.
Special topics supplementing regular course offerings proposed by faculty on a group study basis for graduate students.

892A  Seminar in Music History
Spring. 1 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to graduate students in the College of Music.
Various areas of music history, such as master composers, development of genres, criticism, or cultural context.

896  Master's Recital Performance
Fall, Spring. Summer. 1 to 10 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to masters students in the Music Performance major. Approval of college.
Directed experience in recital performance in partial fulfillment of Plan B master's degree requirements for master's students in performance.

897  Concert Conducting
Fall, Spring. Summer. 1 to 10 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to masters students in the Master of Music in Music Conducting.
Directed experience in concert conducting in partial fulfillment of Plan B master's degree requirements.

898  Master's Research
Fall, Spring. Summer. 1 to 10 credits. A student may earn a maximum of 20 credits in all enrollments for this course. R: Open to masters students in the College of Music.
Directed research in support of Plan B master's degree requirements.

899  Master's Thesis Research
Fall, Spring. Summer. 1 to 10 credits. A student may earn a maximum of 20 credits in all enrollments for this course. R: Open to masters students in the College of Music.
Directed research in partial fulfillment of Plan A master's degree requirements.

935  Seminar in 18th Century Music
Spring. 3(3-0) R: Open to doctoral students in the College of Music.
Research on topics in eighteenth-century music.

936  Seminar in 19th-Century Music
Fall of even years. 3(3-0) R: Open to doctoral students in the College of Music.
Directed research in support of Plan B master's degree requirements.

937  Seminar in 20th-Century Music
Fall of odd years. 3(3-0) R: Open to doctoral students in the College of Music.
Directed research in support of Plan B master's degree requirements.

954  Seminar in Wind Conducting
Fall. Spring. 1 to 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to doctoral students in the Doctor of Musical Arts in Music Conducting.
Advanced wind conducting. Core repertoire examination and execution. Score analysis and preparation.

955  Seminar in Orchestral Conducting
Fall. Spring. Summer. 1 to 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to doctoral students in the Doctor of Musical Arts in Music Conducting.
Advanced conducting techniques for the orchestral literature of all periods for string, chamber, and symphony orchestras.

956  Seminar in Choral Conducting
Fall. Spring. Summer. 1 to 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to doctoral students in the Doctor of Musical Arts in Music Conducting.
Advanced conducting techniques for choral and instrumental music of all periods.

960  Seminar in Measurement in Music Education
Spring of odd years. 3(3-0) RB: (MUS 864 and MUS 965) or approval of school. R: Open to graduate students in the Master of Music in Music Education.
Theory and practice of measuring musical behavior in terms of aptitude and achievement. Current trends in cognitive, affective, and psychomotor measurement in music.

962  Advanced Studies in the Philosophy of Music Education
Fall of even years. 3(3-0) Historic and contemporary views of the value and import of music and music education and their transformation into practice.
964 Seminar in College Music Teaching
Fall of even years. 3(3-0) R: Open to graduate students in the College of Music.
Preparation for careers in post-secondary education. Development of teaching skills. Assessment, curriculum development, classroom technology, and adult students as learners.

965 Advanced Research Methods in Music Education
Spring of even years. 3(3-0) RB: MUS 864
Music education research projects using computerized statistical analysis.

966 Seminar in Qualitative Research in Music Education
Fall of odd years. 3(3-0) P: MUS 864 R: Open to graduate students in the College of Music.
Techniques of qualitative research in educational settings. Design and analysis, with a critical review of selected current research studies in music education.

970 Pedagogy of Theory
Fall. 3(3-0) P: MUS 872 or MUS 873 or MUS 875 or MUS 879 R: Open to graduate students in the College of Music.
Organization, goals, and procedures for teaching music theory to undergraduates. Choice and sequencing of topics, pacing, supplementary materials, educational philosophies, and relevance to performance.

971 Pedagogy of Theory II
Spring. 3(3-0) P: MUS 970 R: Open to graduate students in the College of Music.
Organization, goals, and procedures for teaching second-year and advanced music theory. Includes form, technology, and counterpoint.

975 Readings in Music Theory
Spring of odd years. 2(2-0) R: Open to graduate students in the College of Music.
Current topics in music theory. Research paper required.

976 Performance and Analysis
Spring. 3(3-0) P: (MUS 872) or (MUS 875) or (MUS 879) RB: Familiarity with the content of graduate level basic tonal theory and form courses. R: Open to graduate students in the College of Music.
Representative pieces are studied and prepared for performance in class sessions. Exploration of how analysis can inform a performer’s interpretative decisions and expressive choices.

977 Schenkerian Analysis II
Spring. 3(3-0) P: MUS 874 RB: Strong familiarity with advanced tonal theory, form, and Schenkerian analysis. R: Open to graduate students in the College of Music.
Continuation of MUS 874. Analysis of complete compositions or movements from multi-movement works. Compositions to be studied will include ternary and sonata-form pieces. Repertoire of styles will range from Baroque to Romantic. Making voice-leading graphs to become more familiar with Schenker’s writings and the secondary literature.

978 Seminar in 20th- and 21st-Century Music Theory and Analysis
Spring. 3(3-0) P: MUS 873 R: Open to graduate students in the College of Music.
Study of theories and analytical techniques for post-1900 music.

980 Composition
Fall, Spring. 2(2-0) A student may earn a maximum of 24 credits in all enrollments for this course. R: Open to graduate students in the College of Music.
Advanced guided projects in creative writing of music.

990 Doctoral Independent Study
Fall, Spring, Summer. 1 to 10 credits. A student may earn a maximum of 20 credits in all enrollments for this course. R: Approval of college.
Special projects, directed reading, and research arranged by an individual doctoral candidate and a faculty member in areas supplementing the regular course offerings.

991 Special Topics
Fall, Spring, Summer. 1 to 10 credits. A student may earn a maximum of 25 credits in all enrollments for this course. R: Approval of college.
Special topics supplementing regular course offerings proposed by faculty on a group study basis for doctoral students.

992 Seminar in Musicology
Spring. 3(3-0) A student may earn a maximum of 18 credits in all enrollments for this course. R: Open to graduate students in the College of Music.
Topics in musicology such as early notations, music editing, or historical performance practices.

996 Doctoral Recital Performance
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 99 credits in all enrollments for this course. R: Open to doctoral students. Approval of college.
Directed experience in recital performance in partial fulfillment of requirements for the Doctor of Musical Arts degree.

997 Doctoral Concert Conducting
Fall, Spring, Summer. 2(2-0) A student may earn a maximum of 99 credits in all enrollments for this course. R: Open to doctoral students in the Doctor of Musical Arts in Music Conducting. Approval of college.
Directed experience in concert conducting in partial fulfillment of requirements for the Doctor of Musical Arts degree.

998 Doctoral Music Composition
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 99 credits in all enrollments for this course. R: Open to doctoral students in the Doctor of Musical Arts in Music Composition. Approval of college.
Directed experience in composition in partial fulfillment of requirements for the Doctor of Musical Arts degree.

999 Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 99 credits in all enrollments for this course. R: Open to doctoral students in the College of Music. Approval of college.
Doctoral dissertation research.