College of Music

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(0-8) 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(0-8) 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. Rehearsal and performance of symphonic and concert literature written for large orchestra. Conducted by staff conductors under the supervision of faculty.

123 Collegiate Choir
Fall, Spring. 1(0-3) A student may earn a maximum of 10 credits in all enrollments for this course. Rehearsal and performance of representative literature for mixed choir with emphasis on vocal jazz and contemporary styles of choral music. No vocal jazz experience necessary.

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. Mixed choir performing music from all periods.

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.

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

142 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) R: Not open to students in the College of Music. Rules of pronunciation. Vocal techniques.

146 Class Instruction in Voice II
Spring. 1(1-1) P: MUS 145 R: Not open to students in the College of Music. Vocal techniques and exploration of vocal literature.

147 Class Instruction in Elementary Piano I
Fall, Spring. 2(2-1) R: Open to students in the College of Music. Basic notation, performance, improvisation, and transposition. Repertoire includes folksongs, simple classics, and blues.

150A Piano
Fall, Spring. 2 to 3 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 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 8 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(0-0) 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.

153N Woodwinds for Non-Music Majors  
Fall, Spring. 1(0-0) R: Open to undergraduate students. 
Private woodwind lessons for non-music majors.

153A 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.

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.

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.

155N Percussion for Non-Music Majors  
Fall, Spring. 1(0-0) 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. 
Chord, strumming, and finger picking techniques. Accompanying and song leading with guitar. Reading of notation and tablature. 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. 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  
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 260 
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.
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.
Conceptual and notational presentation of the basic components of musical structure.

181 Musicianship I
Spring. 3(3-1) P: MUS 180 R: Open to students in the College of Music.
Hierarchical musical structure through species counterpoint and figured bass. Linear and vertical aspects of tonality.

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 solfege (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 181 and (MUS 180 or concurrently) R: Open to students in the College of Music.
Diction, singing melodies in major and minor keys.

185 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.

186 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.

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 solfege system. Computer-aided drill programs.

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 181 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.

230 Beginning Jazz Improvisation I
Fall. 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.

231 Beginning Jazz Improvisation II
Spring. 2(2-1) P: MUS 230 R: Not open to freshmen.
Performance of complete tunes. Transcriptions of recorded jazz solos.

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

242 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.

248 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.

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

270 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.

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

277 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.

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

281 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.

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

283 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.

290 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.

291 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.

301 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.

302 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.

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

304 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(2-2) 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(2-2) 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  Piano

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.

340  Methods and Literature for Voice
Fall. 3(3-0) R: 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 even 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 the 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 R: Open to students in the College of Music.
Private instruction in trumpet.

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.

354J  Applied Jazz Brass
Fall, Spring. 2(2-0) A student may earn a maximum of 10 credits in all enrollments for this course. P: MUS 154J
Continuation of MUS 154J. 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 jazz brass in contemporary settings.
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Description and Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>355</td>
<td>Percussion</td>
<td>Fall, Spring. 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: MUS 155 R: Open to students in the College of Music. Private instruction in percussion.</td>
</tr>
<tr>
<td>355J</td>
<td>Applied Jazz Percussion</td>
<td>Fall, Spring. 2(2-0) A student may earn a maximum of 10 credits in all enrollments for this course. P: MUS 155J Continuation of MUS 155J. 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 jazz percussion in contemporary settings.</td>
</tr>
<tr>
<td>380</td>
<td>Musical Styles and Forms</td>
<td>Spring 3(3-0) P: MUS 281 and MUS 212 R: Open to students in the College of Music. Form in pre-20th century Western music. Stylistic analysis of representative medieval, renaissance, baroque, and 18th and 19th century compositions.</td>
</tr>
<tr>
<td>381</td>
<td>20th Century Music Theory (W)</td>
<td>Fall 3(3-1) P: (MUS 281) and completion of Tier II writing requirement. Western art music and music. Stylistic and formal analysis of representative compositions and jazz improvisations. Post-tonal theory. Jazz nomenclature and harmonic practice.</td>
</tr>
<tr>
<td>400</td>
<td>Jazz Arranging and Composition I</td>
<td>Fall 2(2-0) P: MUS 281 Jazz instrumental writing focusing on voicing concepts for standard jazz chord progressions, melody, counter-melody, and standard forms. Beginning orchestration techniques emphasizing form.</td>
</tr>
<tr>
<td>401</td>
<td>Jazz Arranging and Composition II</td>
<td>Spring 2(2-0) P: MUS 400 Jazz instrumental writing focusing on orchestration and arranging concepts for large jazz ensembles. Voicing of chords within and across sections. Orchestration techniques which emphasize form.</td>
</tr>
<tr>
<td>410</td>
<td>Jazz History</td>
<td>Fall 2(2-0) P: MUS 212 Survey of jazz from its beginnings in African American aural traditions to the present.</td>
</tr>
<tr>
<td>411</td>
<td>Audio Engineering for the Musician</td>
<td>Fall 2(2-0) Basic audio concepts. Equipment used in various recording situations. Operation and artistic use of audio equipment.</td>
</tr>
<tr>
<td>413</td>
<td>Keyboard Literature to Mid-19th Century</td>
<td>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 composers such as Bach, Couperin, Mozart, Haydn, and Beethoven.</td>
</tr>
<tr>
<td>414</td>
<td>Keyboard Literature since the Mid-19th Century</td>
<td>Spring of even years. 2(2-1) P: MUS 413 R: Open to students in the College of Music. Keyboard styles and works of representative composers such as Schumann, Chopin, Ives, and Prokofiev.</td>
</tr>
<tr>
<td>415</td>
<td>Art Song Literature: German</td>
<td>Fall of even years. 2(2-1) P: MUS 248 and MUS 281 R: Open to students in the College of Music and not open to freshmen or sophomores. C: MUS 350A concurrently or MUS 850A concurrently or MUS 351 concurrently or MUS 851 concurrently. Standard art song repertoire with emphasis on German Lieder. Performance of art songs in class.</td>
</tr>
<tr>
<td>416</td>
<td>Art Song Literature: French, Spanish, and Italian</td>
<td>Spring of odd years. 2(2-1) P: MUS 248 and MUS 281 R: Open to students in the College of Music and not open to freshmen or sophomores. C: MUS 350A concurrently or MUS 850A concurrently or MUS 351 concurrently or MUS 851 concurrently. Standard art song repertoire with emphasis on French, Spanish, and Italian art songs. Performance of art songs in class.</td>
</tr>
<tr>
<td>417</td>
<td>Art Song Literature: British and American</td>
<td>Fall of odd years. 2(2-1) P: MUS 144 and MUS 281 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. Standard art song repertoire with emphasis on British and American art songs. Performance of art songs in class.</td>
</tr>
<tr>
<td>418</td>
<td>Opera and Oratorio Aria Repertoire</td>
<td>Spring of even years. 2(2-1) P: MUS 144 and MUS 281 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. Opera and oratorio arias of Handel, Rossini, Mozart, Puccini, Verdi, Gounod, Saint-Saens, Massenet, Menotti, and Previn.</td>
</tr>
<tr>
<td>419</td>
<td>Baroque Music</td>
<td>Spring of odd years. 2(2-0) P: MUS 211 and MUS 212 R: Open to students in the College of Music. Developments in musical forms and styles from 1600-1750.</td>
</tr>
<tr>
<td>420</td>
<td>Music of the 18th Century</td>
<td>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 sociopolitical context. Aural and score analysis of representative works.</td>
</tr>
<tr>
<td>421</td>
<td>19th Century European-American Music Literature</td>
<td>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 sociopolitical context. Aural and score analysis of representative works.</td>
</tr>
<tr>
<td>422</td>
<td>20th Century European and American Music Literature</td>
<td>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. Twentieth-century styles, genres, forms, theories, aesthetics, performance practices, instruments and masterworks in sociopolitical context. Aural and score analysis of representative works.</td>
</tr>
<tr>
<td>423</td>
<td>History of Opera</td>
<td>Fall of odd years. 2(2-0) P: MUS 212 R: Open to students in the College of Music. Musical, cultural, and social significance of opera since 1600.</td>
</tr>
<tr>
<td>424</td>
<td>Women in Music</td>
<td>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.</td>
</tr>
<tr>
<td>425</td>
<td>Music of South Asia and Its Diaspora</td>
<td>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 practices in its Diaspora.</td>
</tr>
<tr>
<td>426</td>
<td>Music of West Africa</td>
<td>Spring of odd years. 2(2-0) R: Not open to freshmen or sophomores. Music associated with the cultures of West Africa.</td>
</tr>
<tr>
<td>429</td>
<td>Music of East Asia</td>
<td>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.</td>
</tr>
<tr>
<td>430</td>
<td>Music of the Caribbean</td>
<td>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.</td>
</tr>
<tr>
<td>434</td>
<td>Orchestral Musicanship</td>
<td>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 College 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 instruments. Preparation for orchestral auditions.</td>
</tr>
</tbody>
</table>
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.

437  Black Music of Two Worlds
Fall. 2 credits. R: Open to freshmen or sophomores. R: Approval of college. Continuation of advanced keyboard methods and literature. 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.

441  Introduction to 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.

448  Advanced Keyboard Methods and Literature
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) 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(0-2) 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. (3-0) 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  Choral Teaching
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. 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
Fall of even years. 3(3-0) R: Not open to freshmen.

477  Psychology of Music: Research Methodology and Application
Spring. 2(2-0) P: MUS 478 Research projects and proposal writing. Application of elementary statistical concepts in evaluating responses to music.

478  Music Therapy: Quantitative and Qualitative Research
Spring of odd years. 3(3-0) P: MUS 270 and MUS 271 RB: MUS 476 and PSY 101 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(0-2) 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.

483  Composition
Fall, Spring. 2 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P: (MUS 281) R: Open to students in the College of Music. Private instruction in music composition.

484  Instrumentation and Basic Orchestration
Fall. 2(2-2) 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. Special topics supplementing regular course offerings proposed by faculty for group study.
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 maximum 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, Spring. 2(2-0) R: Open to masters students in the College of Music.
Development of advanced improvisational skills.

802 Advanced Jazz Improvisation II
Spring. 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) 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 toGregorian 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) R: 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. 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
Spring. 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 8 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 8 credits in all enrollments for this course. R: Open to graduate students in the College of Music.
Instruction in voice 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. RB: Emphasis in piano. R: Open to masters students in the Master of Music in Music Education or in the Master of Music in Music Performance.
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, 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 piano.

851 Voice
Fall, Spring. 1 to 3 credits. 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 Master of Music in Music Performance.
Private instruction in voice.

851J Jazz 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 jazz 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 Master of Music in Music Performance.
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 viola. R: Open to masters students in the Master of Music in Music Performance.
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 Master of Music in Music Performance.
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 Master of Music in Music Performance.
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 Master of Music in Music Performance.
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 Master of Music in Music Performance.
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 Master of Music in Music Performance.
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 Master of Music in Music Performance.
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 Master of Music in Music Performance.
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 Master of Music in Music Performance.
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 Master of Music in Music Performance.
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 Master of Music in Music Performance.
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 or the Master of Music in Music Performance.
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 Master of Music in Music Performance.
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 Master of Music in Music Performance.
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 Master of Music in Music Performance.
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 3 credits. 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.
Performance of pre-20th century chamber music under faculty direction.

856A 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 or in the Doctor of Musical Arts in Music Conducting.
Advanced wind conducting, including core repertoire examination and execution with emphasis on score analysis and preparation.

858A Seminar in Wind 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 Master of Music in Music Conducting or in the Doctor of Musical Arts in Music Conducting.
Advanced conducting techniques for choral and instrumental music of all periods.

859 Choral Techniques and Materials
Spring of even years. 3(3-0) A student may earn a maximum of 15 credits in all enrollments for this course. R: Open to graduate students in the College of Music.

860 Seminar in History and Philosophy of Music Education
Spring of even years. 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
Fall. 3(3-0) Psychological foundations of music teaching and learning. Psychological research on problems in music teaching.

862 Seminar in Music Curriculum and Methodology
Fall. 3(3-0) Historical, philosophical, and psychological foundations of music education curriculum and methodological curriculum development and implementation.

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.

865 Advanced Methods and Materials in Secondary Music Education
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Current methods and materials for teaching music in secondary schools. Topics vary.

870 Contrapuntal Techniques I
Fall of odd years. 3(3-0) 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 Contrapuntal Techniques II
Spring of even years. 3(3-0) RB: MUS 870 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) A student may earn a maximum of 6 credits in all enrollments for this course. 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 History of Music Theory
Fall of odd years, 3(3-0) RB: MUS 830 R: Open to graduate students in the College of Music.
Principal western theories of music from Pythagoras to the present. Ideas contributing to the development of modern musical thought and their place in western intellectual history.

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, 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 or in the Computer Science major.
Techniques and principles of composition and research with computers. Use of computer hardware and software.

884 Advanced Jazz Styles and Analysis I
Fall, 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, 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.

886 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.

887 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.

888 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 major composers, development of genres, criticism, or cultural context.

889 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 graduate students in the College of Music or in Music Performance. Approval of college.
Directed experience in recital performance in partial fulfillment of Plan B master's degree requirements.

890 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.

891 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.

892 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.

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

894 Seminar in 19th-Century Music
Fall of even years, 3(3-0) R: Open to doctoral students in the College of Music.
Selected topics in nineteenth-century music.

895 Seminar in 20th-Century Music
Fall of odd years, 3(3-0) R: Open to doctoral students in the College of Music.
Selected topics in twentieth-century music.

896A Piano
Fall, Spring, 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in piano.
Private instruction in piano.

896B Voice
Fall, Spring, 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in voice.
Private instruction in voice.

896C Violin
Fall, Spring, 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in violin.
Private instruction in violin.

896D Viola
Fall, Spring, 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in viola.
Private instruction in viola.

896E Cello
Fall, Spring, 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in cello.
Private instruction in cello.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>952D</td>
<td>Double Bass</td>
<td>1-3</td>
<td>Fall, Spring. 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in double bass. R: Open to doctoral students in the Doctor of Musical Arts in Music Performance. Private instruction in double bass.</td>
</tr>
<tr>
<td>953A</td>
<td>Flute</td>
<td>1-3</td>
<td>Fall, Spring. 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in flute. R: Open to doctoral students in the Doctor of Musical Arts in Music Performance. Private instruction in flute.</td>
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<tr>
<td>953B</td>
<td>Oboe</td>
<td>1-3</td>
<td>Fall, Spring. 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in oboe. R: Open to doctoral students in the Doctor of Musical Arts in Music Performance. Private instruction in oboe.</td>
</tr>
<tr>
<td>953C</td>
<td>Clarinet</td>
<td>1-3</td>
<td>Fall, Spring. 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in clarinet. R: Open to doctoral students in the Doctor of Musical Arts in Music Performance. Private instruction in clarinet.</td>
</tr>
<tr>
<td>953D</td>
<td>Saxophone</td>
<td>1-3</td>
<td>Fall, Spring. 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in saxophone. R: Open to doctoral students in the Doctor of Musical Arts in Music Performance. Private instruction in saxophone.</td>
</tr>
<tr>
<td>953E</td>
<td>Bassoon</td>
<td>1-3</td>
<td>Fall, Spring. 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in bassoon. R: Open to doctoral students in the Doctor of Musical Arts in Music Performance. Private instruction in bassoon.</td>
</tr>
<tr>
<td>954A</td>
<td>Trumpet</td>
<td>1-3</td>
<td>Fall, Spring. 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in trumpet. R: Open to doctoral students in the Doctor of Musical Arts in Music Performance. Private instruction in trumpet.</td>
</tr>
<tr>
<td>954B</td>
<td>Horn</td>
<td>1-3</td>
<td>Fall, Spring. 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in horn. R: Open to doctoral students in the Doctor of Musical Arts in Music Performance. Private instruction in horn.</td>
</tr>
<tr>
<td>954C</td>
<td>Trombone</td>
<td>1-3</td>
<td>Fall, Spring. 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in trombone. R: Open to doctoral students in the Doctor of Musical Arts in Music Performance. Private instruction in trombone.</td>
</tr>
<tr>
<td>954D</td>
<td>Euphonium</td>
<td>1-3</td>
<td>Fall, Spring. 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in euphonium. R: Open to doctoral students in the Doctor of Musical Arts in Music Performance. Private instruction in euphonium.</td>
</tr>
<tr>
<td>954E</td>
<td>Tuba</td>
<td>1-3</td>
<td>Fall, Spring. 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in tuba. R: Open to doctoral students in the Doctor of Musical Arts in Music Performance. Private instruction in tuba.</td>
</tr>
<tr>
<td>955</td>
<td>Percussion</td>
<td></td>
<td>Fall, Spring. 1 to 3 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: Emphasis in percussion. R: Open to doctoral students in the Doctor of Musical Arts in Music Performance. Private instruction in percussion.</td>
</tr>
<tr>
<td>958A</td>
<td>Seminar in Wind Conducting</td>
<td>1-3</td>
<td>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.</td>
</tr>
<tr>
<td>958B</td>
<td>Seminar in Orchestral Conducting</td>
<td>1-3</td>
<td>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 conducting techniques for the orchestral literature of all periods for string, chamber, and symphony orchestras.</td>
</tr>
<tr>
<td>958C</td>
<td>Seminar in Choral Conducting</td>
<td>1-3</td>
<td>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 conducting techniques for choral and instrumental music of all periods.</td>
</tr>
<tr>
<td>960</td>
<td>Seminar in Measurement in Music Education</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>961</td>
<td>Seminar in Music Teacher Education</td>
<td></td>
<td>Fall of odd years. 3(3-0) Issues, trends, and strategies for preparing prospective music educators.</td>
</tr>
<tr>
<td>962</td>
<td>Advanced Studies in the Philosophy of Music Education</td>
<td></td>
<td>Fall of even years. 3(3-0) Historic and contemporary views of the value and import of music and music education and their translation into practice.</td>
</tr>
<tr>
<td>964</td>
<td>Seminar in College Music Teaching</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>965</td>
<td>Advanced Research Methods in Music Education</td>
<td></td>
<td>Spring. 3(3-0) RB: MUS 864 Music education research projects using computerized statistical analysis.</td>
</tr>
<tr>
<td>966</td>
<td>Seminar in Qualitative Research in Music Education</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>970</td>
<td>Pedagogy of Theory</td>
<td></td>
<td>Spring. 3(3-0) R: Open only to graduate students in the School 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.</td>
</tr>
<tr>
<td>972</td>
<td>Analytical Studies I</td>
<td></td>
<td>Fall. 3(3-0) R: Open to graduate students in the College of Music. Melody, harmony, rhythm, color, texture, counterpoint, and structure in selected musical masterpieces from the 13th century to the early 19th century.</td>
</tr>
<tr>
<td>973</td>
<td>Analytical Studies II</td>
<td></td>
<td>Spring. 3(3-0) R: Open to graduate students in the College of Music. Melody, harmony, rhythm, color, texture, counterpoint, and structure in selected musical masterpieces from the nineteenth and twentieth centuries.</td>
</tr>
<tr>
<td>974</td>
<td>Atonality, Serialism, and Set Theory</td>
<td></td>
<td>Spring. 2(2-0) R: Open to graduate students in the College of Music. Atonal and paratonal music. Related compositional and analytical systems. Serialism, integral serialism, and set theory.</td>
</tr>
<tr>
<td>975</td>
<td>Readings in Music Theory</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>976</td>
<td>Performance and Analysis</td>
<td></td>
<td>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.</td>
</tr>
</tbody>
</table>
977 Schenkerian Analysis II  
Spring of odd years. 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 in the Doctor of Musical Arts in Music Performance. 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. 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 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.