Descriptions – Military Science

Courses

C. Advanced Camp Preparation—M S III
   Winter. 0(0-1) Approval of department or M S III standing.

D. Military Justice and Unit Administration
   Fall, 0(0-1) Approval of department or M S IV standing.

121. Preview of Military Science
   Fall, Winter, Spring, Summer. 1(1-0)
   Approval of department.
   Role of the ROTC officer in the Army. Assists the student in planning a curriculum to satisfy requirements for a commission.

122. Marksmanship and Hunter Safety
   Fall, Spring. 1(0-2) M S 121 or approval of department.
   Small arms marksmanship and safety. Practical exercises on local firing ranges. Individual basic military marksmanship and the skills necessary to participate in a competitive or recreational shooting program.

221. Fundamentals of Military Art and Tactical Science
   Fall. 1(1-0) M S 121, M S 041A, M S 122.
   Contemporary military tactical doctrine, operations, principles of modern land warfare; analysis of historical examples, application of current doctrine to hypothetical situations.

223. Terrain Analysis and Land Navigation
   Winter, Spring. 2(2-0) M S 121 and approval of department.
   Military topographic maps, special maps, map profiles, specifications and uses. Terrain analysis for military tactical operations. Land navigation with the lentic and silica compass.

324. Military Teaching
   Fall, Winter. 4(4-2) Basic course, approval of department.
   Methods of teaching manipulative skills to groups with varying educational backgrounds. Emphasis on determination of entry behavior, progress analyses, testing and test construction. Introduction to current teaching aids. Practical experience in simulated field situations is stressed during laboratory.

325. Military Management
   Spring. 4-5(2-0) M S 324 or approval of department.
   Task analysis approach to missions. The subject of tactics is used as a teaching vehicle for the managerial approach to the preparation and execution phases of military operations. Emphasis is placed on physical and moral leadership during the laboratory sections.

426. Military Law and Unit Administration
   Fall. 2(2-0) Approval of department.
   Military legal system and the responsibilities of the commander and junior leaders in the administration of military justice. Operation and administration in military units to provide personnel and logistic support.

427. Seminar
   Spring. 2(2-0) Approval of department.
   Military professional ethics. Value inputs, reasoning, and decision making. Current military policies and trends as a pre-commission orientation.

499. Independent Study in Military Science
   Fall, Winter, Spring, Summer. 1 to 3 credits. May reenroll for a maximum of 6 credits. Approval of department and Juniors. Individual research and study in an area related to military science as approved and directed by the Department of Military Science.

MUSIC

College of Arts and Letters

112. Chamber Music
   Fall, Winter, Spring. 1(1-0)
   May reenroll for a maximum of 18 credits. Approval of department.
   Performance of works for small ensembles.

118. Band
   A. Marching Band
      Fall, 1 credit. May reenroll for credit. Membership determined by audition.
      The Marching Band participates in football games.
   B. Spartan Brass
      Winter. 1 credit. May reenroll for credit. Membership determined by audition.
      The Spartan Brass participates in basketball games.
   C. Concert Band
      Fall, Winter, Spring. 1 credit. May reenroll for credit. Membership determined by audition.
      Public appearances are scheduled on campus each term.

132. Military Law and Unit Administration
   Fall, Winter, Spring. 1(0-2) Knowledge of notation. Music majors, or approval of department.

133A. Symphony Orchestra
   (133) Fall, Winter, Spring. 1 to 5 credits. May reenroll for a maximum of 12 credits. Admission by audition.
   Preparation and performance of symphonic and operatic repertoire under direction of faculty and guest conductors of international reputation.

133B. Chamber Orchestra
   Fall, Winter, Spring. 1(0-5) May reenroll for a maximum of 12 credits. Membership determined by audition.
   A specialized ensemble of advanced performers concentrating on the repertoire of the classic composers, and modern repertoire for chamber orchestra. Rehearsals and performances with faculty and guest artists.

135. Music in Elementary Education
   Fall, Winter, Spring, Summer. 4(3-2)
   Elementary education majors.
   Study of music learning strategies in the elementary schools. Music concepts and literature are developed through listening, performing, creative and analytical skills. Methods and materials are emphasized.

141. Class Instruments and Voice
   Fall, Winter, Spring. 1-2 Knowledge of notation. Music majors, or approval of department.
   Class instruction in piano, voice, violin, cello, clarinet, and cornet.

142. Class Instruments and Voice
   Spring. 1(0-2) MUS 141.
   Continuation of MUS 141.

143. Class Instruments and Voice
   Spring. 1(0-2) MUS 142.
   Continuation of MUS 142.

147. Elementary Piano
   Fall, Winter, Spring. 2(2-2) MUS 145 or approval of department. Elementary Education and Physical Education and Recreation majors.
   Beginning class piano instruction. Development of ability to play the three principal chords in all keys and to harmonize simple melodies using these chords. Transposition of simple melodies. Ability to play melodies and rhythms suitable for use in lower intermediate grades or in recreation work.

148. Elementary Piano
   Winter, Spring. 2(2-2) MUS 147.
   Elementary Education majors.
   Continuation of MUS 147.

150. Keyboard Instruments and Harp
   Fall, Winter, Spring. 1 to 4 credits. May reenroll for a maximum of 12 credits. Admission required.
   Instruction in piano, organ and harp.

151. Voice
   Fall, Winter, Spring. 1 to 4 credits. May reenroll for a maximum of 24 credits. Audition required.

152. Stringed Instruments
   Fall, Winter, Spring. 1 to 4 credits. May reenroll for a maximum of 24 credits. Audition required.

153. Woodwind Instruments
   Fall, Winter, Spring. 1 to 4 credits. May reenroll for a maximum of 24 credits. Audition required.

154. Brass Instruments
   Fall, Winter, Spring. 1 to 4 credits. May reenroll for a maximum of 24 credits. Audition required.

155. Percussion
   Fall, Winter, Spring. 1 to 4 credits. May reenroll for a maximum of 24 credits. Audition required.

180. Basic Harmony
   Fall. 3(3-1)
   Fundamentals of basic musicianship: notation, clefs, scales, intervals, triads, meter, rhythm, and tonality. The analysts and writing of diatonic harmony in the style of the Bach 4-part chorale.
181. Basic Harmony
Winter. 3(3-1) MUS 180.
Continuation of MUS 180.

182. Basic Harmony
Spring. 3(3-1) MUS 181.
Continuation of MUS 181.

183. Aural Harmony
Fall, Winter, Spring, Summer. 1(0-2)
MUS 180 concurrently.
The aural counterpart of basic harmony. Drill in harmonic, melodic and rhythmic dictation. Sight singing and keyboard harmony.

184. Aural Harmony
Fall, Winter, Spring, Summer. 1(0-2)
MUS 183; MUS 181 concurrently.

185. Aural Harmony
Fall, Winter, Spring, Summer. 1(0-2)
MUS 184; MUS 182 concurrently.

190. State Singers
Fall, Winter, Spring. 1(0-4) May reenroll for a maximum of 12 credits. Membership determined by audition; ability to sight read. Four hours of rehearsals a week. Attendance at all rehearsals and public concerts obligatory.

191. Chorus
Fall, Winter, Spring, Summer. 1(0-2)
MUS 182, MUS 181 concurrently.

192. Glee Club, Men and Women
Fall, Winter, Spring. 1(0-3) May reenroll for a maximum of 12 credits. Membership determined by audition. Three hours of rehearsals a week. Attendance at all rehearsals and public concerts obligatory.

193. University Chorale
Fall, Winter, Spring. 1(0-4) Audition.
Choral ensemble designed primarily for graduate and upper class undergraduate students. Representative literature for chamber chorale with emphasis on Renaissance, Baroque, and contemporary composers. Limited to 25 students.

195. Jazz Laboratory Band
Fall, Winter, Spring. 1(0-4)
MUS 181 concurrently.

196. Jazz Combo Performance
Fall, Winter, Spring. 1(0-3) May reenroll for a maximum of 12 credits. Audition. Small group playing experience for advanced performers and improvisors, with additional emphasis on the writing of arrangements for the group.

200H. Honors Work
Fall, Winter, Spring, Summer. 1 to 16 credits. May reenroll for a maximum of 16 credits. Approval of department.

208. Basic Keyboard Tuning: Theory and Practice I
Fall, Summer. 2(2-2) MUS 182, MUS 185 or approval of department.
Basic acoustics. Historical development of musical scales and tuning systems. Classical and modern methods of keyboard tuning.

209. Basic Keyboard Tuning: Theory and Practice II
Winter. 2(1-2) MUS 208.
Continuation of MUS 208.

210. Basic Keyboard Tuning: Theory and Practice III
Spring. 2(1-3) MUS 209.
Continuation of MUS 209.

224. History of Music
Fall. 3(3-0) MUS 183.
Music from ancient Greece through Romanesque and Gothic periods, concluding with the Renaissance. Greek theory and 'ethos', age of plain song: development of polyphony; instruments peculiar to period under question.

225. History of Music
Winter. 3(0-3) MUS 224.
Baroque and classical periods. Special attention to lute, opera, oratorio, sonata, and symphony. Analysis of characteristic works.

226. History of Music
Spring. 3(3-0) MUS 225.
Romantic period, impressionism, and contemporary trends. Continuation of development of form, melody, rhythm, and tonality. Final examination is comprehensive, covering MUS 224, MUS 223 and MUS 226.

234. Jazz Improvisation
Fall, Winter, Spring. 2(2-0) May reenroll for a maximum of 6 credits. Live performances and discussions of music masterpieces by music department faculty. Instruction will include guidance in study of music styles, form, orchestral instruments.

241. Advanced Class Piano
Fall. 1(0-2) MUS 143 or approval of department. For School Music Choral majors only.
Continuation of Class Piano MUS 143. Special emphasis given to developing practical skills at the piano for use in the public school classroom.

242. Advanced Class Piano
Winter. 1(0-2) MUS 241 or approval of department.
Continuation of MUS 241.

243. Advanced Class Piano
Spring. 1(0-2) MUS 242 or approval of department.
Continuation of MUS 242.

245. Music in Special Education
Fall, Winter, Spring. 3(3-0)
MUS 135. Special education majors.
Methods of teaching music in special education programs.

250. Introduction to School Music
Fall, Spring. 1(1-1) Sophomores in Music Education or approval of department.
An overview of the field of school music. Study and discussion of historical background, current trends, and teaching responsibilities at all curricular levels.

251. German Diction for Singers
Fall. 1(1-1) Three terms of MUS 151.
Practice and training in German lyric diction. Rules of pronunciation; emphasis on spoken drill and performance of German art songs in class.

271. Fundamentals of Music
Fall, Winter, Spring. 3(3-1) Non-majors.
Fundamentals of music to develop understanding and knowledge of scales and modes, key signatures, chord structures, chord progressions and non-harmonic tones.

272. Introduction to Music Literature I
Fall, Winter, Spring, Summer. 3(3-0)
Non-majors.
An introduction to music in the Western tradition. The elements of musical expression and the techniques of musical analysis in connection with representative musical masterpieces of the Middle Ages, the Renaissance, the Baroque, the period of Classicism and Romanticism, and the twentieth century.

273. Introduction to Music Literature II
Fall, Winter, Spring, Summer. 3(3-0)
MUS 272; non-majors.
Continuation of MUS 272. Music of the eighteenth century. Among composers to be studied are: Vivaldi, D. Scarlatti, F. Couperin, Bach, Handel, Haydn and Mozart. Demonstrates the major types and media of composition from the late Baroque to early romanticism and clarifies the stylistic trends of the time.

274. Music Literature in Live Performance
Fall, Winter, Spring. 2(2-0) May reenroll for a maximum of 6 credits. Live performances and discussions of music masterpieces by music department faculty. Instruction will include guidance in study of music styles, form, orchestral instruments.

275. Popular Music Styles
Winter. 3(3-0)
Style characteristics of prominent genres of popular music in twentieth century America. The evolution of popular musical taste.

276. Popular Music Styles
Spring of even-numbered years. 3(3-0)
A survey of style characteristics of prominent genres of popular music in the United States from 1890 to the present.

280. Advanced Harmony
Fall. 3(3-1) MUS 182.
Continuation of MUS 182, with added vocabulary and technique through nineteenth century harmony. Creative writing in small forms.

281. Advanced Harmony
Winter. 3(3-1) MUS 280.
Continuation of MUS 280.

282. Advanced Harmony
Spring. 3(3-1) MUS 281.
Continuation of MUS 281.

283. Advanced Aural Harmony
Fall, Winter, Spring, Summer. 1(0-2)
MUS 185, MUS 280 concurrently.
Aural counterpart of advanced harmony. Drill in harmonic, melodic, and rhythmic dictation. Sight singing and keyboard harmony.
284. Advanced Aural Harmony  
Fall, Winter, Spring, Summer. 1(0-2)  
MUS 283, MUS 281 concurrently.

285. Advanced Aural Harmony  
Fall, Winter, Spring, Summer. 1(0-2)  
MUS 284, MUS 282 concurrently.

295. Opera Workshop  
Fall, Winter, Spring. 1 to 2 credits.  
May reenroll for a maximum of 6 credits. Approval of department.

Repertoire coaching, diction, interpretation, study and performance of entire operas and excerpts from the standard and contemporary repertoire; production of musicals (with Theatre Department); TV opera productions on Station WKAR.

308. Advanced Keyboard Tuning: Theory and Practice I  
Fall. 3(1-3) MUS 210 or approval of department.

History of piano construction including physics of action and string measurements. Practice active regulation and minor repairs. Concert tuning and tone regulation.

309. Advanced Keyboard Tuning: Theory and Practice II  
Winter. 3(1-3) MUS 268.

Continuation of MUS 308.

310. Advanced Keyboard Tuning: Theory and Practice III  
Spring. 3(1-3) MUS 309.

Continuation of MUS 309.

314. Church Service Playing  
Fall, Winter, Spring. 2(0-2)  
May reenroll for a maximum of 6 credits. Three terms of pipe organ.  
Instruction in adapting piano and orchestral accompaniment to organ; choosing organ and choir repertoire appropriate to church season; hymn playing, modulation, and ways to help unify service.

315. Music of Africa  
Fall, Spring, Summer. 3(3-0)  
Style and function of traditional and contemporary music and dance in African Cultures south of the Sahara, including a survey of musical instruments and performance of selected pieces.

320. Music Workshop  
Summer. 1 to 6 credits. May reenroll for a maximum of 12 credits. Approval of department.

323. Carillon  
Fall, Winter, Spring, Summer. 2 credits.  
May reenroll for credit. MUS 182; 6 terms or piano and approval of department.

Carillon playing technique, style and interpretation, arranging, adapting composition and improvisation. Survey of ensemble combinations with other instruments. Mechanical aspects of the instrument and bell acoustics. Carillon art and tradition, bell founders, literature and composers.

334. Composing and Arranging for Jazz Ensembles  
Fall, Winter, Spring, Summer. 3(2-2)  
May reenroll for a maximum of 9 credits. MUS 182; approval of department.

Techniques of composition and arranging in jazz idiom for various instrumental and/or vocal ensembles. Analytical studies of scores, recorded examples and published standard materials. Writing for films and commercials.

335. Ensemble and Conducting  
Fall, Spring. 3(1-4) MUS 185 or approval of department.  
Principles of conducting correlated with application in ensemble of vocal and instrumental class instruction. Survey of vocal and instrumental ensemble literature suitable for school use. Individual conducting stressed.

336. Ensemble and Conducting  
Winter. 3(1-4) MUS 335.

Continuation of MUS 335.

340. Class Instruments  
Fall, Winter, Spring, Summer. 3(0-2)  
May reenroll for credit. Majors.  
Study for one term of instruments not included among basic instruments. Not more than two may be studied at same time. Class instruction in viola, string bass, flute, oboe, bassoon, French horn, trombone, and percussion.

345. Teaching Music in the Elementary School I  
Fall, Winter, Spring, Summer. 3(3-0)  
Approval of department.

Procedures and program of music instruction in the elementary school. Special emphasis on instructional problems of early elementary children.

346. Teaching Music in the Elementary School II  
Winter, Spring, Summer. 3(3-0) MUS 345 and approval of department.

Continuation of MUS 345 with emphasis on upper elementary music. Approaches to music reading, harmonization and analytical listening.

347. Methods and Literature  
Fall, Summer of odd-numbered years. 2(1-2)  
Six terms of study on applied instrument or voice, or approval of department.

Methods of teaching voice or instruments. Study of appropriate teaching literature.

348. Methods and Literature  
Winter. 2(1-2)  
Six terms of study on applied instrument or voice, or approval of department.

Methods of teaching voice or instruments. Study of appropriate literature.

349. Methods and Literature  
Spring. Summer of even-numbered years. 2(1-2)  
Six terms of study on applied instrument or voice, or approval of department.

Methods of teaching voice or instruments. Study of appropriate teaching literature.

350. Keyboard Instruments and Harpsichord  
Fall, Winter, Spring, Summer. 1 to 4 credits.  
May reenroll for a maximum of 24 credits. Six terms of MUS 150 or approval of department.

Continuation of MUS 150.

351. Voice  
Fall, Winter, Spring, Summer. 1 to 4 credits.  
May reenroll for a maximum of 24 credits. Six terms of MUS 151 or approval of department.

Continuation of MUS 151.

352. Stringed Instruments  
Fall, Winter, Spring, Summer. 1 to 4 credits.  
May reenroll for a maximum of 24 credits. Six terms of MUS 152 or approval of department.

Continuation of MUS 152.

353. Woodwind Instruments  
Fall, Winter, Spring, Summer. 1 to 4 credits.  
May reenroll for a maximum of 24 credits. Six terms of MUS 153 or approval of department.

Continuation of MUS 153.

354. Brass Instruments  
Fall, Winter, Spring, Summer. 1 to 4 credits.  
May reenroll for a maximum of 24 credits. Six terms of MUS 154 or approval of department.

Continuation of MUS 154.

355. Percussion  
Fall, Winter, Spring, Summer. 1 to 4 credits.  
May reenroll for a maximum of 24 credits. Six terms of MUS 155 or approval of department.

Continuation of MUS 155.

356. Piano Sight Reading and Accompanying  
Fall, Winter, Spring. 2(0-4)  
May reenroll for a maximum of 12 credits. Piano major or approval of department.

Sight reading, Transposing. Under supervision accompanying instrumental and vocal soloists.

357. Piano Accompanying  
Fall, Winter, Spring. 10-5)  
May reenroll for a maximum of 12 credits. Piano major or approval of instructor.

Instruction in the art of accompaniment. Accompaniment of instrumental and vocal soloists.

360. Studies in Style and Form  
Fall, Summer. 3(3-1) MUS 282.

Analysis and creative writing of technical and structural practices in music of various periods, with special emphasis on the twentieth century.

381. Studies in Style and Form  
Winter, Summer. 2(2-1) MUS 282.

Analysis and creative writing of technical and structural practices in music of various periods, with special emphasis on the twentieth century.

382. Studies in Style and Form  
Spring, Summer. 2(2-1) MUS 282.

Analysis and creative writing of technical and structural practices in music of various periods, with special emphasis on the twentieth century.

383. Orchestration  
Fall, Summer. 2(2-0) MUS 282.

Modern orchestral resources and scoring for various instrumental groups.

384. Orchestration  
Winter, Summer. 2(2-0) MUS 283.

Continuation of MUS 383.

385. Orchestration  
Spring, Summer. 2(2-0) MUS 284.

Continuation of MUS 384.

386. Counterpoint  
Fall. 2(2-0) MUS 285.

Creative and analytical work with two-part counterpoint in the style of J. S. Bach.

387. Counterpoint  
Winter. 2(2-0) MUS 286.

Creative and analytical work with three-part counterpoint in the style of J. S. Bach.
### Music - Descriptions of Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>388</td>
<td>Counterpoint</td>
<td>2(C-2)</td>
<td>Creative and analytical work with three and four-part counterpoint in the style of J.S. Bach.</td>
</tr>
<tr>
<td>400</td>
<td>Clinical Training in Music Therapy</td>
<td>3</td>
<td>Six months internship in an accredited neuropsychiatric hospital.</td>
</tr>
<tr>
<td>400H</td>
<td>Honors Work</td>
<td>3</td>
<td>May reenroll for a maximum of 16 credits. Approval of department.</td>
</tr>
<tr>
<td>403</td>
<td>Music Literature for Children</td>
<td>3</td>
<td>Appropriate musical materials for both performance and listening instruction in elementary and secondary schools. Particular emphasis on the music of culturally different peoples.</td>
</tr>
<tr>
<td>408</td>
<td>Piano Technology I</td>
<td>1.5</td>
<td>Method of practice in restoring the original tone of old pianos. Repairing or replacing all worn parts. Advanced concert tuning and tone regulation.</td>
</tr>
<tr>
<td>409</td>
<td>Piano Technology II</td>
<td>1.5</td>
<td>Continuation of MUS 408.</td>
</tr>
<tr>
<td>410</td>
<td>Piano Technology III</td>
<td>1.5</td>
<td>Continuation of MUS 409.</td>
</tr>
<tr>
<td>411</td>
<td>Opera</td>
<td>2(1-2)</td>
<td>Six terms of voice or approval of department. History of opera from 1500 to the present.</td>
</tr>
<tr>
<td>412</td>
<td>Oratorio</td>
<td>2(1-2)</td>
<td>Six terms of voice or approval of department. History of oratorio from 1600 to the present.</td>
</tr>
<tr>
<td>415A</td>
<td>Renaissance Music</td>
<td>2</td>
<td>Fall. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>415B</td>
<td>19th Century Music</td>
<td>2</td>
<td>Fall. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>415C</td>
<td>Keyboard Music, Seventeenth through Eighteenth Centuries</td>
<td>2</td>
<td>Fall of even-numbered years. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>415E</td>
<td>German Lieder</td>
<td>2</td>
<td>Fall of odd-numbered years. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>415F</td>
<td>Organ Literature to 1700</td>
<td>2</td>
<td>Fall of odd-numbered years. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>416A</td>
<td>Baroque Music</td>
<td>2</td>
<td>Winter. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>416B</td>
<td>Twentieth Century Music, European</td>
<td>2</td>
<td>Winter. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>416C</td>
<td>Piano Music, Nineteenth Century</td>
<td>2</td>
<td>Winter of odd-numbered years. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>416E</td>
<td>French-Italian Art Song</td>
<td>2</td>
<td>Winter of even-numbered years. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>416F</td>
<td>Organ Literature From 1700 to 1900</td>
<td>2</td>
<td>Winter of even-numbered years. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>417A</td>
<td>Classical Music</td>
<td>2</td>
<td>Spring. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>417B</td>
<td>Twentieth Century Music, American</td>
<td>2</td>
<td>Spring. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>417C</td>
<td>Piano Music, Twentieth Century</td>
<td>2</td>
<td>Spring of odd-numbered years. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>417E</td>
<td>English-American Art Song</td>
<td>2</td>
<td>Spring of even-numbered years. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>417F</td>
<td>Organ Literature From 1900 to Present</td>
<td>2</td>
<td>Spring of even-numbered years. 2 credits. MUS 182 or approval of department.</td>
</tr>
<tr>
<td>418H</td>
<td>Honors Course in Music Literature</td>
<td>2</td>
<td>Fall. 2(2-0) MUS 226 and approval of department. A tutorial class. Primary emphasis on instrumental and vocal music 1750-1900, but work may be directed towards the student's special field of interest.</td>
</tr>
<tr>
<td>419H</td>
<td>Honors Course in Music Literature</td>
<td>2</td>
<td>Winter. 2(2-0) MUS 226 and approval of department.</td>
</tr>
<tr>
<td>420H</td>
<td>Honors Course in Music Literature</td>
<td>2</td>
<td>Spring. 2(2-0) MUS 226 and approval of department.</td>
</tr>
<tr>
<td>421</td>
<td>Music and Worship</td>
<td>2</td>
<td>Fall. 3(3-0) MUS 226 or approval of department. Relationship of music and liturgy to Christian worship. Traditional liturgies and forms of service of the Christian churches with emphasis on function and place of music in worship.</td>
</tr>
<tr>
<td>422</td>
<td>Hymnology</td>
<td>2</td>
<td>Winter. 3(3-0) MUS 226 or approval of department. Greek and Latin hymns, canticles, and transition from psalmody into hymnody. Hymns and tunes studied with emphasis on their natural place in church year. Special attention to them settings of hymns and adaptation of traditional melodies, especially Gregorian.</td>
</tr>
<tr>
<td>423</td>
<td>Choral Repertoire for the Church</td>
<td>2</td>
<td>Spring. 3(3-0) MUS 387. Approval of department. Choral literature for church choirs; emphasis on motets, anthems, responses, and materials for both youth and adult choirs.</td>
</tr>
<tr>
<td>426</td>
<td>Ethnomusicology</td>
<td>2</td>
<td>Spring. 3(3-0) MUS 390. Approval of department. Presentation of ethnomusicological ideologies and concepts emphasizing extra-musical activities (such as cultural and social phenomena) which condition and explain the existence of a musical structure.</td>
</tr>
<tr>
<td>427</td>
<td>Musical Cultures of the World</td>
<td>2</td>
<td>Fall. 3(3-0) MUS 400. Approval of department. Musical expression and related arts in Asia and Oceania, focusing on history and historical influence, musical instruments and the relationship between the culture and artistic styles.</td>
</tr>
<tr>
<td>428</td>
<td>Musical Cultures of the World</td>
<td>2</td>
<td>Winter. 3(3-0) MUS 410. Approval of department. Musical expression and related arts of Africa, America, and Europe, focusing on history and historical influence, musical instruments and the relationship between the culture and artistic styles.</td>
</tr>
<tr>
<td>435</td>
<td>Advanced Conducting</td>
<td>2</td>
<td>Spring. 2(2-0) MUS 440. Approval of department. Development of conducting skills through rehearsals and analysis of literature appropriate for secondary school performing ensembles.</td>
</tr>
<tr>
<td>438</td>
<td>Brass and Woodwind Techniques</td>
<td>2</td>
<td>Spring. 2(2-0) MUS 440. Approval of department. Major in music. Materials and contemporary pedagogical practices of group wind instrumental instruction.</td>
</tr>
<tr>
<td>442</td>
<td>Composition in Electronic Music</td>
<td>2</td>
<td>Spring. 2(2-0) MUS 450. Assigned use of the Electronic Music Studio.</td>
</tr>
<tr>
<td>450</td>
<td>Recreational Music</td>
<td>2</td>
<td>Spring. 2(2-0) MUS 450. Approval of department. Major in music. Organization and administration of a community music program for adults, community choirs, orchestras, and bands. Non-symphonic instruments and their use in recreation. Summer camp and playground music. Recreational music as it is organized and used by industries.</td>
</tr>
</tbody>
</table>
Descriptions - Music of Courses

462. Studio Teaching and Observation
Fall. 2(1-0) MUS 347, MUS 348, MUS 462.
Supervised studio teaching in classes and private lessons plus one-hour seminar each week.

463. Studio Teaching and Observation
Winter. 2(1-2) MUS 462.
Continuation of MUS 462.

464. Studio Teaching and Observation
Spring. 2(1-2) MUS 463.
Continuation of MUS 463.

465. Practicum: Sacred Music
Fall. Winter, Spring. 3(0-6) May reenroll for a maximum of 6 credits. MUS 314, MUS 336, MUS 348.
Supervised experience in all phases of sacred music by assisting at adult and junior choir rehearsals and church services, service planning, preparation and performance.

470. Influence of Music on Behavior
Fall. 3(3-0) Nine credits of psychology or approval of department.
Study of the physiological and psychological effects of music; relation of music to health. Experimental studies, related philosophic and psychological theory will be reviewed.

471. Music Therapy Techniques
Winter. 3(3-0) MUS 470.
Survey of procedures in music therapy; investigation of the rise of music as a tool in treatment of mentally ill, mentally and physically handicapped; introduction to hospital organization.

472. Music Therapy Techniques
Spring. 3(3-0) MUS 471.
Continuation of MUS 471.

480. Advanced Studies in Style and Form
Fall. 2(2-1) MUS 380, MUS 381, MUS 392.
Continuation of MUS 382.

481. Advanced Studies in Style and Form
Winter. 2(2-1) MUS 480.
Continuation of MUS 480.

482. Advanced Studies in Style and Form
Spring. 2(2-1) MUS 481.
Continuation of MUS 481.

483. Composition
Fall. Winter. Spring. Summer. 2(2-0) May reenroll for a maximum of 6 credits. MUS 282 or approval of department.
Guided projects in creative writing.

486. Psychology of Music
Fall. Summer. 3(3-0) Approval of department. Interdepartmental with and administered by the Department of Psychology.
Musical behavior with emphasis on psychological aspects of perception, learning, affective response, and ability. Emphasis on social and cultural influences in forming musical taste, including mass media music.

487. Psychology of Music
Winter, Summer. 3(2-2) PSY 486. Interdepartmental with and administered by the Department of Psychology.
Basic research concepts and experimental methods in psychology of music research. Practical training in conducting experimental research of musical behavior.

490. Independent Study: Special Problems in Music Research
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for credit. Seniors and approval of department.
Individual problems in music research.

495. Opera Workshop
Fall, Winter, Spring. 1 to 2 credits. May reenroll for a maximum of 6 credits. Approval of department.
Practical experience in production and performance of operas and opera scenes.

499. Special Topics
Fall. Winter, Spring. Summer. 1 to 5 credits. May reenroll for a maximum of 10 credits if a different topic is taken. Juniors, or approval of department.
Offered on an experimental basis according to instructor availability and student interest.

802. Seminar in History of Music
Summer. 4(5-0) May reenroll for a maximum of 12 credits. Approval of department.
Critical study in depth of music literature and performance practices within historical perspective.

803. Seminar in Music Education
Spring of odd-numbered years, Summer of even-numbered years. 3(3-0) Approval of department.
Consideration of the historical and philosophical basis for music instruction in education.

804. Seminar in Music Learning
Fall. Summer. 3(3-0) Approval of department.
Detailed analysis of the conditions of music learning for teachers of music including consideration of perception, maturation and concept formation.

805. Seminar in Music Curriculum
Winter. Summer. 3(3-0) Approval of department.
Development of goals, objectives, learning sequence and evaluative techniques for music learning at all instructional levels.

806. Seminar in Music Education Methodology
Spring of odd-numbered years. Summer of odd-numbered years. 3(3-0) Approval of department.
Critical analysis of various methodologies in music teaching. Emphasis on the impact of methods and their applications to improvement of musical growth in performance, cognitive, and affective domains.

811. Introduction to Research in Music Education and Music Therapy
Fall. Summer. 3(3-0) Approval of department.
Conducting and critically interpreting research in music education and music therapy. Laboratory skills, experimental research, and statistical analysis are emphasized.

812. Research Problems in Music
Fall, Winter, Spring. Summer. Variable credit.

813. Chamber Music
Fall, Winter, Spring. Summer. 1(1-0) May reenroll for a maximum of 6 credits. Approval of department.
Performance of works for small ensembles.

815. Seminar in Chamber Music: 18th Century
Fall, Summer. 2(2-0) Approval of department.
Intensive study of selected chamber music works of the 18th century.

816. Seminar in Chamber Music: 19th Century
Fall, Winter, Summer. 2(2-0) Approval of department.
Intensive study of selected chamber music works of the 19th century.

817. Seminar in Chamber Music: 20th Century
Spring, Summer. 2(2-0) Approval of department.
Intensive study of selected chamber music works of the 20th century.

820. Music Workshop
Summer. 1 to 9 credits. May reenroll for a maximum of 9 credits. Approval of department.

821. Advanced Methods and Materials in Elementary Music
Fall. Winter, Spring. Summer. 3(3-0) May reenroll for a maximum of 9 credits if different topics are taken. Graduate students in Music Education or approval of department.
Teaching methods and materials for special topics in elementary music, such as music literature, Orff Kodaly, and integrated arts.

824. Research Methods and Materials
Fall. Winter, Summer. 3 or 4 credits.
A critical examination of encyclopedias, indices, and other aids to research, and of the organization, presentation, and documentation of research results.

830. Sixteenth Century Counterpoint
Fall of even-numbered years. Summer. 3(3-0) MUS 482 or approval of department.
Study and writing of counterpoint based upon the works of Orlando Lasso and Palestrina.

831. Sixteenth Century Counterpoint
Winter of odd-numbered years. Summer. 3(3-0) MUS 830.
Continuation of MUS 830.

832. Sixteenth Century Counterpoint
Spring of odd-numbered years. Summer. 3(3-0) MUS 831.
Continuation of MUS 831 to include a study of modal counterpoint.

834. Seminar in Composition
Fall. Winter. Spring. 2(2-0) May reenroll for a maximum of 24 credits. Approval of department.
Study of contemporary music with emphasis on compositional procedures.
835. Composition
Fall, Winter, Spring, Summer. 1 to 2 credits. May reenroll for a maximum of 24 credits. Approval of department. Advanced composition.

843. Pedagogy of Theory
Fall, Summer. 3(3-0) Approval of department. Methods, content, and textbooks for teaching basic theory.

844. Pedagogy of Theory
Winter, Summer. 3(3-0) Approval of department. Continuation of MUS 843 with emphasis upon new instructional media, and upon methods and materials in ear training and sight singing.

845. Pedagogy of Theory
Spring, Summer. 3(3-0) Approval of department. Methods, content, and textbooks for teaching counterpoint, form, and orchestration.

846. Minor Instrument Study: String
Fall, Winter, Spring, Summer. 3(1-0) May reenroll for a maximum of 12 credits. Secondary instrument for students enrolled in string specialist program.

847. Minor Instrument Study: Brass
Fall, Winter, Spring, Summer. 3(1-0) May reenroll for a maximum of 12 credits. Secondary instrument for students enrolled in brass specialist program.

848. Minor Instrument Study: Woodwinds
Fall, Winter, Spring, Summer. 3(1-0) May reenroll for a maximum of 12 credits. Secondary instrument for students enrolled in woodwind specialist program.

849. Minor Instrument Study: Piano
Fall, Winter, Spring, Summer. 3(1-0) May reenroll for a maximum of 12 credits. Approval of department. Study of piano for students in majors other than applied music.

850. Applied Music
Fall, Winter, Spring, Summer. 3 credits for Applied Music majors; 2 credits for others. May reenroll for credit.

851. Minor Instrument Study: Voice
Fall, Winter, Spring, Summer. 3(1-0) May reenroll for a maximum of 12 credits. Approval of department. Study of vocal techniques for students in majors other than applied music.

852. Choral Technique and Materials
Spring, Summer. 3(3-0) May reenroll for a maximum of 9 credits. Completion of undergraduate program in music education. Advanced course for further development of choral proficiency. Demonstrations of choral techniques, conducting by students, examination and evaluation of new materials.

860. Problems in Analysis
Fall, Winter, Spring, Summer. 4(4-0) May reenroll for a maximum of 8 credits. Approval of department. An application of analytical procedures to school music repertoire.

880. Materials of Music
Fall, Winter, Spring, Summer. 1 to 4 credits. MUS 282. Correlation of the areas of music theory as a basis for the study of 19th and 20th century music.

881. Materials of Music
Fall, Winter, Spring, Summer. 1 to 4 credits. MUS 286. Continuation of MUS 880.

882. Materials of Music
Fall, Winter, Spring, Summer. 1 to 4 credits. MUS 286. Continuation of MUS 880.

890. Master's Thesis Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

903. Proseminar in Music Education
Fall, Winter, Spring, Summer. 3(3-0) May reenroll for a maximum of 9 credits. Approval of department. Problems of music education with study of and readings from aesthetics, philosophy, measurement, evaluation, and teacher training.

915. Medieval Music
Fall. 3(3-0) Approval of department. Investigation of various developments in European music to middle of fifteenth century. Some attention given to Gregorian Chant as well as to various types of secular Monody, but greater stress is laid on the forms and styles of Polyphonic music.

916. Renaissance Music
Winter. 3(3-0) Approval of department. Investigation of developments in European music from 1450 to 1600, tracing developments in both sacred and secular music.

917. Music of the 17th Century
Spring. 3(3-0) Approval of department. Instrumental and vocal music of Early Baroque period.

918. Music of the 18th Century
Fall. 3(3-0) Approval of department. Intensive study of selected topics in 18th century music.

919. Music of the 19th Century
Winter. 3(3-0) Approval of department. Intensive study of selected topics in 19th century music.

920. Music of the 20th Century
Spring. 3(3-0) Approval of department. Intensive study of selected topics in 20th century music.

924. Seminar in Musicology
Fall, Winter, Spring. 3 credits. May reenroll for credit. Approval of department.

943. Survey of the History of Theory
Winter. 2(2-0) Approval of department. Significant theoretical treatises from the 6th century B.C. to the early 20th century.

954. Administration of Music Education Programs
Spring of even-numbered years. 3(3-0) Approval of department. Techniques for administering school music and higher education music programs.

955. Current Tendencies in Music Education
Winter of even-numbered years. 3(3-0) Approval of department. Current trends and practices in public school music education.

956. Advanced Research Techniques in Music
Winter. 3(3-0) Approval of department. Selected research techniques in music education with emphasis on experimental design and computerized data analysis.

960. Analytical Studies
Fall. 3(3-0) Approval of department. Analysis of melody, harmony, rhythm, color, texture, counterpoint, and form in part-music from the thirteenth century through the late sixteenth/early seventeenth century.

961. Analytical Studies
Winter. 3(3-0) Approval of department. Analysis of melody, harmony, rhythm, color, texture, counterpoint, and form in music from the late seventeenth/early eighteenth century through the nineteenth century.

962. Analytical Studies
Spring. 3(3-0) Approval of department. Analysis of melody, harmony, rhythm, color, texture, counterpoint, and form in music of the twentieth century.

963. Schenker Analysis
Fall. 2(2-0) Approval of department. Analytical techniques and concepts of Heinrich Schenker. Examination of his sketches and writings, reading about him, and analysis of music using his techniques.

964. Set-Theory Analysis of Atonal Music
Spring. 2(2-0) Approval of department. Set-Theory principles and their application to the analysis of atonal music.

970. Contrapuntal Techniques
Fall of odd-numbered years. 3(3-0) MUS 482 or approval of department. Advanced contrapuntal practice from the sixteenth century to the present.

971. Contrapuntal Techniques
Winter of even-numbered years. 3(3-0) MUS 487. Continuation of MUS 970.

972. Contrapuntal Techniques
Spring of even-numbered years. 3(3-0) MUS 487. Continuation of MUS 971.

999. Doctoral Dissertation Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.