MUSC - Music

MUSIC Courses

MUSC 101. Beginning Piano Class. 1 Credit.
Introduction, practical training, and development of basic piano skills, including the playing of scales, arpeggios, chords, and simple songs; sight reading, transposition, harmonization of melodies, and improvisation. (For music majors only) Prerequisites: Permission of instructor.

MUSC 102. Beginning Piano Class. 1 Credit.
Introduction, practical training, and development of basic piano skills, including the playing of scales, arpeggios, chords, and simple songs; sight reading, transposition, harmonization of melodies, and improvisation. (For music majors only) Prerequisites: MUSC 101 and permission of instructor.

MUSC 103. Intermediate Piano Class. 1 Credit.
Continued practical training and development of basic piano skills. (For music majors only) Prerequisite: MUSC 102 or permission of the instructor.

MUSC 107. Beginning Voice Class. 1 Credit.
Introduction, practical training, and development of basic singing skills. Prerequisite: Music major or permission of the instructor.

MUSC 113. Live Audio Engineering. 3 Credits.
This course covers fundamentals of live audio engineering, rudimentary acoustics, auditory perception and psychoacoustical concepts. Students will learn to assemble sound reinforcement systems for small and large ensembles and examine how sound is perceived by the human ear. Topics such as signal flow, cabling, mixing, busing and monitoring will be addressed. Sound Recording Technology majors must earn a grade of C or better to progress to MUSC 115. Prerequisite: Bachelor of Music, with emphasis in Sound Recording Technology major, or permission of the instructor.

MUSC 115. Introduction to Pro Tools. 3 Credits.
This course is designed to introduce students to the most widely used digital audio workstation in the professional audio industry. Topics include basics of digital audio theory, system configuration, file structure and organization, recording and editing audio and MIDI data as well as post-production video. This course is for Bachelor of Music with emphasis in Sound Recording Technology majors only. Prerequisite: MUSC 113 with a grade of C or better.

MUSC 116. Essentials of Pro Tools. 3 Credits.
Expanding on the skills learned in MUSC 115, this course focuses on the core concepts and skills required to successfully operate Pro Tools systems. Students will explore various I/O setups, controller options, session management techniques, recording and editing approaches as well as the Structure sampler. This course is for Bachelor of Music with emphasis in Sound Recording Technology majors only. Prerequisites: MUSC 115.

MUSC 121. Basic Musicianship. 3 Credits.
This course provides the knowledge of and skills in music theory fundamentals necessary for music majors and minors to prepare for upper levels of music theory. Non-music majors may take the course if there is room and with the permission of the instructor. Prerequisite: Must be a music major or minor or have permission of the instructor.

MUSC 126A. Honors: Music in History and Culture. 3 Credits.
A survey of major composers and their works in the historical context of different style periods, including a discussion of the central philosophical and cultural issues of each period. Students will be required to attend at least three musical events and turn in written critiques. Prerequisites: Honors college students only.

MUSC 130. Functional Piano Skills. 1 Credit.
Practical training and development of piano skills needed in the elementary, secondary choral, and private vocal studio setting. Focus will be placed on preparing for the piano barrier exam for music education majors (including technical skills, rehearsal skills, and sight reading). (For Music Education vocal/guitar/keyboard majors only.) Pre- or corequisite: MUSC 101, MUSC 102, or permission of instructor.

MUSC 215. ProTools Production. 3 Credits.
Students will investigate production and post-production audio techniques: Various workflows, tracking and overdubbing techniques, film scoring, professional editing techniques as well as advanced automation and mixing processes. Prerequisites: MUSC 116; Bachelor of Music with Emphasis in Sound Recording Technology majors only.

MUSC 216. Music Production Techniques. 3 Credits.
This is the final course in a four-part sequence and prepares the student to successfully operate ProTools HD systems in a large console format environment. Students will explore various components of an HD system, session management techniques, selection and editing procedures as well as automation and mixing processes. Prerequisites: MUSC 215; Bachelor of Music with Emphasis in Sound Recording Technology majors only.

MUSC 221. Music Theory. 3 Credits.
Written and keyboard harmony and voice leading. An elementary course dealing with the fundamentals of pitch and time and the use of triads. Prerequisites: Music majors or music minors and completion of Music Theory placement test or MUSC 121 with a grade of C or higher.

MUSC 222. Music Theory. 3 Credits.
Written and keyboard harmony. An elementary course dealing with the fundamentals of pitch and time and the use of triads. Prerequisites: MUSC 221, music major, music minor, or permission of the instructor.

MUSC 223. Ear Training, Sight Singing and Dictation. 1 Credit.
Melodic, rhythmic, and harmonic dictation; singing, recognition, and writing of various intervals and triads. Pre- or corequisite: MUSC 221.

MUSC 224. Ear Training, Sight Singing and Dictation. 1 Credit.
Melodic, rhythmic, and harmonic dictation; singing, recognition, and writing of various intervals and triads. Prerequisites: MUSC 223, music major, music minor, or permission of instructor.

MUSC 261. Music Literature Survey. 1 Credit.
Required for music majors. Available to qualified nonmajors. A technical study of music from the Middle Ages through the twentieth century. Listening to recordings and attending live concerts are required. Prerequisites: Music major, music minor, or permission of instructor.

MUSC 262. Music Literature Survey. 1 Credit.
Required for music majors. Available to qualified nonmajors. A technical study of music from the Middle Ages through the twentieth century, as well as music from non-Western cultures. Listening to recordings and attending live concerts are required. Prerequisites: Music major, music minor, or permission of instructor.

MUSC 264A. Music in History and Culture. 3 Credits.
This course is designed to be an introduction to the appreciation and understanding of music through music listening activities and a survey of music history. Basic principles and elements of music are discussed in relation to contexts within a variety of musical styles including classical, jazz, popular, and world music. Regular and repeated listening is an important part of the course in addition to required concert attendance.

MUSC 295. Topics. 1-3 Credits.
Special topics. Prerequisites: Permission of instructor.
**MUSC 300. Foundations of Music Education. 3 Credits.**
This course will introduce the historical, philosophical, and sociological foundations and contemporary issues of American public education. Also included is an introduction to music education methods and learning theories as they relate to PreK-12 music education, the study of the Virginia Standards of Learning, the National Core Arts Standards for Music and an investigation into teaching for musical understanding, designing musical problems, lesson planning and assessment. In addition, the course will include reading and writing assignments and discussion with teachers and young musicians. All students will complete a 30-hour observation experience in an appropriate PreK-12 setting specific to music education. In order to receive the required school observation placement, students must complete the ODU Teacher Education background check/clearance process prior to the beginning of this course and register for the observation placement on the Teacher Education web pages. See the advisor for more information. Students are expected independently to register for and take the Praxis Core examination or equivalent while enrolled in this course. Prerequisites: Music majors only and sophomore standing; must successfully pass the background check process as outlined on the College of Education and Professional Studies' website.

**MUSC 301. Music Education: High Brass Class. 1 Credit.**
Required of all instrumental music education students. Designed to develop basic skills of playing and teaching the trumpet and F horn. (offered fall semesters) Prerequisites: students must display the ability to read music; open to music education majors only or with permission of the instructor.

**MUSC 302. Music Education: Low Brass Class. 1 Credit.**
Required of all instrumental music education students. Designed to develop basic skills of playing and teaching trombone, euphonium, and tuba. (offered spring semesters) Prerequisites: MUSC 301; open to music education majors only or with permission of the instructor.

**MUSC 303. Music Education: Clarinet Class. 1 Credit.**
Required of all instrumental music education students. Designed to develop basic skills of playing and teaching the clarinet, which serves as a foundation for the other woodwind instruments. (offered fall semesters) Prerequisites: open to music education majors only or with permission of the instructor.

**MUSC 304. Music Education: Woodwind Class. 1 Credit.**
Required of all instrumental music education students. Designed to develop basic skills of playing and teaching flute, oboe, bassoon, and saxophone. (offered spring semesters) Prerequisites: MUSC 303; open to music education majors only or with permission of the instructor.

**MUSC 305. Music Education: Upper Strings Class. 1 Credit.**
Required of all instrumental music education students. Designed to develop basic skills of playing and teaching the violin and viola and to explore instructional materials used with these instruments. (offered fall semesters) Prerequisites: Open to music education majors only or with permission of the instructor.

**MUSC 306. Music Education: Lower Strings Class. 1 Credit.**
Required of all instrumental music education students. The course is designed to develop basic skills of playing and teaching cello and string bass and to evaluate instructional materials used with these instruments. Introduces heterogeneous teaching and rehearsal techniques using all four stringed instruments. (offered spring semesters) Prerequisites: MUSC 305; open to music education majors only or with permission of the instructor.

**MUSC 307. Music Education: Percussion Class I. 1 Credit.**
Required of all instrumental music education students. Class lessons on all percussion instruments and the study of teaching methods for these instruments. (offered spring semesters) Prerequisites: Open to music education majors only or with permission of the instructor.

**MUSC 308. Music Education: Music for the Elementary Classroom Teacher. 3 Credits.**
Students gain skills and experience related to the use of music in elementary school. Prerequisites: junior standing.

**MUSC 309. Principles of Conducting. 1 Credit.**
The development of basic skills and techniques necessary for conducting choral and instrumental ensembles. Prerequisites: MUSC 224, MUSC 322, or permission of the instructor.

**MUSC 310. Music Education: Percussion Class II. 1 Credit.**
Required of all instrumental music education students. Class lessons on all percussion instruments and the study of teaching methods for these instruments. (offered fall semesters) Prerequisites: MUSC 307; open to music education majors only or with permission of the instructor.

**MUSC 311. Recital Attendance. 0 Credits.**
This course is required of all music majors and music minors for six semesters of their enrollment as a music major or a music minor. The successful completion of the course requires attendance at a specified number of approved recitals, concerts, and events each semester. Prerequisites: Music major, music minor or permission of instructor.

**MUSC 316. Popular Songwriting Techniques. 3 Credits.**
This course focuses on the craft of songwriting. Covering contemporary song forms, techniques of lyric and melody writing as well as popular harmony and analysis, the course prepares students to write hit songs. Students will learn how to effectively demo their own songs, successfully collaborate, write jingles and copyright their own material. Prerequisites: MUSC 222.

**MUSC 321. Advanced Theory. 2 Credits.**
A continuation of MUSC 222; written and keyboard work introducing modulation, seventh chords, and chromatic harmony. Prerequisites: MUSC 222, placement test, or permission of the instructor.

**MUSC 322. Advanced Theory. 2 Credits.**
A continuation of MUSC 321; written and keyboard work introducing advanced modulation, extended chordal structures, advanced chromatic harmony, a basic look at compositional techniques and form and analysis, and selected 20th century techniques. Prerequisites: MUSC 321, completion of music theory placement test, or permission of instructor.

**MUSC 323. Advanced Ear Training, Sight Singing and Dictation. 1 Credit.**
A continuation of MUSC 224; written and keyboard work introducing modulation, seventh chords and chromatic harmony. Prerequisites: MUSC 224 or permission of instructor. Pre- or corequisite: MUSC 321.

**MUSC 324. Advanced Ear Training, Sight Singing and Dictation. 1 Credit.**
A continuation of MUSC 323; written and keyboard work introducing modulation, seventh chords and chromatic harmony. Prerequisites: MUSC 323 or permission of the instructor.

**MUSC 333. Music Business. 3 Credits.**
An in-depth survey of the music business including an overview of the music industry, songwriting, publishing and copyright, licensing, recording contracts, unions and guilds, artist management, record and concert production, the recording industry, music in broadcast, film, and theater, digital technology and its implications for the music industry including digital downloads, changing production technologies, marketing via social networking and new distribution channels, new business models and their implications, the independent musician, the evolving role of producers, and satellite and internet radio. Students will gain a broad base of knowledge about the music industry and through the research project be able to explore an item of interest in greater depth. Prerequisite: Bachelor of Music with Emphasis in Sound Recording Technology majors only, or permission of the instructor.

**MUSC 335T. Music Technology Survey. 3 Credits.**
This introductory course will explore the impact of technology on music performance, composition, and education through in-class lecture, hands-on demonstration, and lab projects. Topics covered include but are not limited to: basic acoustics, basic audio signal flow for live performance and recording, microphone basics for live performance and recording, an introduction to sequencing and recording software and Digital Audio Workstations, MIDI and synthesis, basics of mixing, editing, an introduction to music notation software and uses, creation of 'music minus one' projects for pedagogical purposes, and an exploration of common file formats for distribution and publication. Prerequisite: Music major or permission of the instructor; Sound Recording Technology majors must earn a grade of C or better to progress to MUSC 113.

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**MUSC - Music** 2
MUSC 336. Electronic Music. 3 Credits.
This introductory course is designed to give students a historical overview of mechanical and electronic music through topical study and listening examples. Additionally, students will create their own electronic music compositions using analog, digital and virtual hardware/software. Prerequisite: Music major or permission of the instructor.

MUSC 337. Jazz Improvisation I. 2 Credits.
This course will introduce students to the basic concepts of Jazz improvisation, including harmonic and melodic implications. Prerequisites: MUSC 221 or permission of the instructor.

MUSC 338. Jazz Improvisation II. 2 Credits.
This course is a continuation of MUSC 337, and will delve further into more advanced techniques used in Jazz improvisation. Prerequisites: MUSC 337 or permission of the instructor.

MUSC 340. Synthesis and Sound Design Techniques for Music Production. 3 Credits.
An introduction to the fascinating world of sound synthesis and sound design through practical hands-on assignments using industry-standard techniques and by exploring the technology and historical evolution. The course will focus on subtractive synthesis; a core knowledge for creating one's own sounds to use in music. Prerequisites: MUSC 335T or permission of the instructor.

MUSC 345. Diction for Singers. 1 Credit.
An introductory course dealing with correct principles of effective diction essential to the singing of English and Italian songs. (offered every fall) Prerequisites: vocal music major, vocal music minor, or permission of the instructor.

MUSC 346. Diction for Singers. 1 Credit.
An introductory course dealing with correct principles of effective diction essential to the singing of German and French songs. (offered every spring) Prerequisite: MUSC 345.

MUSC 350. Music Notation. 3 Credits.
This course is designed to introduce students to the art of music notation through exploring the history of music engraving practices, hands-on experience writing music manuscript (hand-written) and the use of modern notation software (Finale, Sibelius, etc.) with MIDI implementation. Prerequisite: MUSC 221.

MUSC 352. Critical Listening in Audio Production. 3 Credits.
Students develop critical listening skills through aural analysis, ear training, drill and practice, and comparative analyses. Topics covered include spectral balance and equalization, spatial attributes and reverberation, dynamic range control, distortion and noise, audio clip edit points, analysis of sound, frequencies, effects and processing, delays and decays, and master frequencies. Students are expected to identify frequency ranges, specific audio signatures, distortion, edits, and digit manipulation through aural examinations. Prerequisite: MUSC 113.

MUSC 361. History of Music. 3 Credits.
A general survey of the growth of music showing the influence of historical events upon musical developments. Prerequisites: MUSC 264A, or MUSC 261 and MUSC 262, and MUSC 222, or permission of instructor.

MUSC 362W. History of Music. 3 Credits.
A general survey of the growth of music showing the influence of historical events upon musical development. This is a writing intensive course. Prerequisites: grade of C or better in ENGL 211C or ENGL 221C or ENGL 231C; MUSC 261 and MUSC 262 or MUSC 264A or MUSC 126A, and MUSC 222 or permission of instructor.

MUSC 368. Music Industry Internship. 3 Credits.
An opportunity to integrate service and applied learning experience with music industry perspectives. Prerequisites: Permission of instructor.

MUSC 370. Jazz Combo. 1 Credit.
This ensemble will explore Jazz literature, focusing primarily on the small group format. Previous experience with improvisation is necessary for all participants. Prerequisites: Permission of the instructor.

MUSC 371+. Ensemble. 1 Credit.
One to three rehearsal periods per week, depending on the ensemble. Students will participate in rehearsals and public performances. Prerequisites: by audition only, or permission of instructor; must have a significant background in performing.

MUSC 372+. Ensemble. 1 Credit.
Studio class ensemble for strings. Meets once a week. Prerequisites: By audition only, or permission of instructor; must have a significant background in performing.

MUSC 376+. F. Ludwig Diehn Chorale. 0 Credits.
This is a performance-based course. It is designed to train music majors and non-majors in small ensemble choral techniques. This choral ensemble is an audition-only group. Prerequisites: Audition or permission of instructor.

MUSC 377. Extracurricular Studies. 1-6 Credits.
Extracurricular activities may be approved for credit based on objectives, criteria, and evaluative procedures as formally determined by the department and the student prior to the semester in which the activity is to take place. Credit is subject to review by the provost. Prerequisites: Approval by the department chair in accordance with the policy on granting credit for extracurricular activities.

MUSC 378. Extracurricular Studies. 1-6 Credits.
Extracurricular activities may be approved for credit based on objectives, criteria, and evaluative procedures as formally determined by the department and the student prior to the semester in which the activity is to take place. Credit is subject to review by the Provost. Prerequisites: Approval by the department chair in accordance with the policy on granting credit for extracurricular activities.

MUSC 380. Symphony Band. 1 Credit.
Open to all university students. Symphony band is a large ensemble for woodwind, brass and percussion players. Students will participate in rehearsals and concerts. Prerequisites: Students must successfully perform on a standard concert band instrument or concert percussion, be able to read music, and permission of the instructor.

MUSC 381+. Concert Choir. 1 Credit.
Participation in rehearsals and public performances of the Concert Choir. Prerequisites: Ability to read music; audition required.

MUSC 382+. Wind Ensemble. 1 Credit.
Participation in rehearsals and public performances of the band. Three rehearsal periods per week. Prerequisite: ability to read music and/or permission of the instructor.

MUSC 383+. Symphony Orchestra. 1 Credit.
Participation in rehearsals and public performances of the University Symphony Orchestra. Rehearsals two days per week and dress rehearsals TBA. Prerequisites: by audition or permission of the instructor.

MUSC 384+. Jazz Orchestra. 1 Credit.
This instrumental group will explore and perform standard jazz literature for the Jazz Ensemble and the contemporary Jazz Orchestra. Prerequisite: Audition for the instructor required at the beginning of each semester.

MUSC 385+. Basketball Band. 1 Credit.
Basketball band performs at all home Men's and Women's basketball games and selected tournament performances. Prerequisites: ability to read music and/or permission of the instructor.

MUSC 386+. Jazz Choir. 1 Credit.
Vocal jazz ensemble, performing standard jazz choir literature. Prerequisites: ability to read music and permission of the instructor.

MUSC 387+. Collegium Musicum. 1 Credit.
Early music instrumental ensemble. Prerequisites: permission of the instructor.

MUSC 388+. Madrigal Singers. 1 Credit.
Small vocal ensemble focusing on a cappella classical music. Prerequisites: permission of the instructor.
MUSC 389+. Brass Choir. 1 Credit.
Brass Ensemble consisting of trumpets, horns, trombones, euphoniums, and tubas. Performing works written for brass as well as arrangements of choral, orchestral, jazz, pop, and show music. Prerequisites: ability to read music and/or permission of the instructor; audition required.

MUSC 390. Marching Band. 1 Credit.
Marching band will meet only during the fall semester and perform at all home and some away football games and other selected events. Students will participate in rehearsals and performances. Prerequisites: Successful playing audition, the ability to read music and permission of the instructor; students accepted to participate must attend summer training camp prior to classes beginning in the fall.

MUSC 395. Topics in Music. 1-3 Credits.
A study of selected topics designed for nonmajors, or for credit within a major. These courses will appear in the course schedule. Course descriptions and prerequisites for each course may be found in information distributed to all academic advisors. Prerequisites: junior standing or permission of the instructor.

MUSC 396. Topics in Music. 1-3 Credits.
A study of selected topics designed for nonmajors, or for credit within a major. These courses will appear in the course schedule. Course descriptions and prerequisites for each course may be found in information distributed to all academic advisors. Prerequisites: junior standing or permission of the instructor.

MUSC 397. Tutorial Work in Special Topics in Music. 1-3 Credits.
Independent reading and study on a topic to be selected under the direction of an instructor. Conferences and papers as appropriate. Prerequisites: junior standing and approval of the department chair.

MUSC 398. Tutorial Work in Special Topics in Music. 1-3 Credits.
Independent reading and study on a topic to be selected under the direction of an instructor. Conferences and papers as appropriate. Prerequisites: junior standing and approval of the department chair.

MUSC 401. Music Education: Elementary Vocal and General Methods. 2 Credits.
Required prior to student teaching for all students in music education. Focuses on methods of vocal instruction, materials and rehearsal methods for secondary school vocal classroom settings. 20 hours of observation required. Passing score of 160 on the Praxis Subject assessment, music content knowledge examination (formerly Praxis II) and passing scores on the VCLA are requirements of this course. Also, in order to receive the required school practicum placement, students must have completed the ODU Office of Clinical Experiences background check/clearance process prior to the beginning of this course. The clearance process takes eight weeks. Students must register for the practicum placement on the Office of Clinical Experiences web pages prior to the course drop/add deadline. Students should contact their advisor for more information. Prerequisites: MUSC 300; admission to the Teacher Education program, including meeting minimum Virginia Board of Education testing requirements and minimum GPA of 2.75 overall, in the Music Education major, and Professional Education courses required. Pre- or corequisite: MUSC 403.

MUSC 407. Music Education: Secondary Instrumental Methods. 2 Credits.
Required prior to the Teacher Candidate Internship (student teaching) for all students in music education with an instrumental music concentration. Focuses on methods of instruction, materials and rehearsal methods for secondary instrumental classrooms. Prerequisites: MUSC 300. Pre-or corequisite: MUSC 408.

MUSC 408. Music Education: Practicum (Secondary Instrumental). 1 Credit.
Required prior to the Teacher Candidate Internship (student teaching) for all students in music education with an instrumental music concentration. Enables students to observe master teachers and to test accumulated teaching practices in secondary school instrumental classrooms. Passing score of 160 on the Praxis Subject assessment, music content knowledge examination (formerly Praxis II) and passing scores on the VCLA are requirements of this course. Also, in order to receive the required school practicum placement, students must have completed the ODU Office of Clinical Experiences background check/clearance process prior to the beginning of this course. The clearance process takes eight weeks. Students must register for the practicum placement on the Office of Clinical Experiences web pages prior to the course drop/add deadline. Students should contact their advisor for more information. Prerequisites: MUSC 300; admission to the Teacher Education program, including meeting minimum Virginia Board of Education testing requirements and minimum GPA of 2.75 overall, in the Music Education major, and Professional Education courses required. Pre- or corequisite: MUSC 407.

MUSC 409. Music Education: Instrumental Techniques. 1 Credit.
Required prior to the Teacher Candidate Internship (student teaching) for all students in music education with the vocal, keyboard and guitar concentration. Focuses on development of vocal major's ability to read instrumental scores; provides vocal majors an understanding of families of instruments. Prerequisites: vocal music education majors or permission of the instructor.

MUSC 410/510. Psychology of Music. 3 Credits.
This course is designed to assist students in enhancing their understanding of the aesthetic response to music in various settings. Students will learn to integrate their understanding of musical aptitude as it relates to human growth and development. In addition, students will study the psychological implication of personality types as they develop, implement, and assess their pedagogical approach. Prerequisites: Junior standing or permission of instructor.

MUSC 413. Advanced Choral Conducting. 2 Credits.
Course deals with the analysis, interpretation, and conducting of varied choral literature. Prerequisites: MUSC 309 or permission of instructor.

MUSC 414. Advanced Instrumental Conducting. 2 Credits.
Course deals with the analysis, interpretation, and conducting of varied instrumental literature. Prerequisites: MUSC 309 or permission of instructor.
MUSC 421. Counterpoint. 2 Credits.
A study of the contrapuntal techniques of sixteenth century composers and their influence upon composers of the eighteenth through twentieth centuries. (offered fall, even years) Prerequisites: MUSC 221 or permission of instructor.

MUSC 422/522. Form and Analysis. 2 Credits.
Aural analysis study and analysis of the principal traditional musical forms. Stylistic and harmonic analysis as it related to score study will be discussed. (offered spring, even years) Prerequisites: MUSC 322 and MUSC 324 or permission of the instructor.

MUSC 424. Orchestration. 2 Credits.
A study of the range, musical functions, and technical characteristics of the instruments and their color possibilities in various combinations. Practical experience in scoring for small and large ensembles. (offered fall, odd years) Prerequisites: MUSC 321 or permission of instructor.

MUSC 425. Vocal Arranging. 2 Credits.
This course covers basic arranging techniques for traditional vocal ensembles. Students will develop the ability to reshape pre-existing melodies and chord progressions into successful arrangements for various groups. Prerequisites: MUSC 222 or permission of instructor.

MUSC 426/526. Marching Band Techniques and Arranging. 2 Credits.
Students will learn how to chart and arrange music for the marching band. In addition, basic vocal arranging techniques will be discussed. Students will be required to observe different styles of school marching bands. Prerequisites: Music Education major or permission of instructor.

MUSC 435. Music Production: MIDI II. 2 Credits.
This course builds upon the fundamentals experienced in the introductory MIDI course. Topics include: advanced sequencing techniques, looping, editing, data manipulation, patch and control changes through real-time recording, patch editing, storage and retrieval, incorporation of external hardware, sampling, and an introduction to the incorporation of digital audio. Prerequisites: MUSC 335T.

MUSC 445/545. Applied Music Pedagogy. 1 Credit.
Teaching techniques, literature in the performing area. Seminar deals with resource materials. Laboratory: observation and teaching under supervision. Prerequisites: music major senior standing or permission of the department.

MUSC 446. Applied Music Literature. 1 Credit.
Teaching techniques, literature in the performing area. Seminar portion of the course deals with resource materials. Laboratory portion of the course includes observation and teaching under supervision. Prerequisite: music major senior standing or permission of the department.

MUSC 460/560. History of Jazz. 3 Credits.
This course will study the historical development of jazz as an American art form. The emotion and meaning of this style will be investigated as well as the historical and contemporary aesthetic response. Emphasis will include the defining role of African American artists. The influence of jazz on the development of contemporary American music will be discussed. Written critiques of live performances will be required. Prerequisites: junior standing or permission of the instructor.

MUSC 465/565. Modern Music. 3 Credits.
A study of the techniques and styles in music in the twentieth and twenty-first century. (offered fall, even years) Prerequisites: MUSC 222, MUSC 361, and MUSC 362W, or permission of the instructor.

MUSC 471/571. Musicians' Health: Music and Medicine. 3 Credits.
This course is designed to assist music students to enhance their understanding of musicians' health issues in order to prepare them to achieve their desired performance potential. Prerequisites: Junior standing or permission of Instrucor.

MUSC 491/591. Music in the Baroque Era. 3 Credits.
A study of music history from monody through the works of Bach and Handel. A discussion of musical style within the context of cultural history. (offered spring, odd years) Prerequisites: MUSC 221, MUSC 222, MUSC 361 and MUSC 362W, or permission of instructor.

MUSC 492/592. Music in the Classical Era. 3 Credits.
A study of music history from the Rococo Period through the works of Haydn, Mozart and Beethoven. A discussion of musical style within the context of cultural history. (This course is offered in fall semesters in odd-numbered years.) Prerequisites: MUSC 221, MUSC 222, MUSC 361 and MUSC 362W, or permission of instructor.

MUSC 494/594. Music in the Romantic Era. 3 Credits.
A study of music history from the late works of Beethoven to Mahler and Strauss. A discussion of musical style within the context of cultural history. (spring semesters, even years) Prerequisites: MUSC 221, MUSC 222, MUSC 361, and MUSC 362W, or permission of instructor.

MUSC 495/595. Topics in Music. 1-3 Credits.
These courses will appear in the course schedule. Course descriptions and prerequisites for each course may be found in information distributed to all academic advisors. Prerequisites: junior standing or permission of the instructor.

MUSC 496/596. Topics in Music. 1-3 Credits.
These courses will appear in the course schedule. Course descriptions and prerequisites for each course may be found in information distributed to all academic advisors. Prerequisites: junior standing or permission of the instructor.

MUSC 497. Tutorial Work in Special Topics in Music. 1-3 Credits.
Independent reading and study on a topic to be selected under the direction of an instructor. Conferences and papers as appropriate. Prerequisites: senior standing and approval of the department chair.

MUSC 498. Tutorial Work in Special Topics in Music. 1-3 Credits.
Independent reading and study on a topic to be selected under the direction of an instructor. Conferences and papers as appropriate. Prerequisites: senior standing and approval of the department chair.

MUSC 510. Psychology of Music. 3 Credits.
This course is designed to assist students in enhancing their understanding of the aesthetic response to music in various settings. Students will learn to integrate their understanding of musical aptitude as it relates to human growth and development. In addition, students will study the psychological implication of personality types as they develop, implement, and assess their pedagogical approach.

MUSC 522. Form and Analysis. 2 Credits.
Aural analysis study and analysis of the principal traditional musical forms. Stylistic and harmonic analysis as it related to score study will be discussed.

MUSC 526. Marching Band Techniques and Arranging. 2 Credits.
Students will learn how to chart and arrange music for the marching band. In addition, basic vocal arranging techniques will be discussed. Students will be required to observe different styles of school marching bands.

MUSC 545. Applied Music Pedagogy. 1 Credit.
Teaching techniques, literature in the performing area. Seminar deals with resource materials. Laboratory: observation and teaching under supervision. Prerequisites: senior standing, music major, or permission of the department.

MUSC 560. History of Jazz. 3 Credits.
This course will study the historical development of jazz as an American art form. The emotion and meaning of this style will be investigated as well as the historical and contemporary aesthetic response. Emphasis will include the defining role of African American artists. The influence of jazz on the development of contemporary American music will be discussed. A research paper will be required.

MUSC 566. Modern Music. 3 Credits.
A study of the techniques and styles in music in the twentieth and twenty first century. (offered fall, even years) Prerequisites: Graduate standing in music or permission of the instructor.

MUSC 571. Musicians' Health: Music and Medicine. 3 Credits.
This course is designed to assist music students to enhance their understanding of musicians' health issues in order to prepare them to achieve their desired performance potential. Prerequisite: Graduate standing or permission of the Graduate Program Director.
MUSC 591. Music in the Baroque Era. 3 Credits.
A study of music history from monody through the works of Bach and Handel. A discussion of musical style within the context of cultural history. (offered spring semesters, odd years) Prerequisites: Graduate standing in music or permission of the instructor.

MUSC 592. Music in the Classical Era. 3 Credits.
A study of music history from the Rococo Period through the works of Haydn, Mozart and Beethoven. A discussion of musical style within the context of cultural history. (This course is offered in fall semesters in odd-numbered years.) Prerequisites: Graduate standing in music or permission of the instructor.

MUSC 594. Music in the Romantic Era. 3 Credits.
A study of music history from the late works of Beethoven to Mahler and Strauss. A discussion of musical style within the context of cultural history. (offered spring, even years) Prerequisites: Graduate standing in music or permission of the instructor.

MUSC 595. Topics in Music. 1-3 Credits.
These courses will appear in the course schedule. Course descriptions and prerequisites for each course may be found in information distributed to all academic advisors.

MUSC 596. Topics in Music. 1-3 Credits.
These courses will appear in the course schedule. Course descriptions and prerequisites for each course may be found in information distributed to all academic advisors.

MUSC 600. Introduction to Graduate Research. 1 Credit.
This course should be taken among the first courses in the Master of Music Education program. Introduces graduate students to basic skills in Music Education research, including bibliographic searches, on-line searches, computer data analysis, and conventions of scholarly writing for reporting findings. Prerequisites: Admission to the Master of Music Education program or instructor’s permission. Pre- or corequisite: MUSC 630.

MUSC 602. Analytical Techniques. 3 Credits.
Examines techniques and concepts applied to compositions of the eighteenth, nineteenth, and twentieth centuries as well as modern music, through analysis of contrapuntal and harmonic textures, form, and performance practice. Prerequisites: Baccalaureate degree in music or permission of department chair and instructor.

MUSC 603. Principles of Music Education. 3 Credits.
Methods, techniques, principles, and tools of music education, with reference to various types of school situations. Prerequisites: Admission to the Master of Music Education program or instructor’s permission.

MUSC 604. Foundations of Music Education. 3 Credits.
This course involves the study of the philosophical, psychological and historical foundations of music related to curriculum development. Prerequisites: Admission to the Master of Music Education program or instructor’s permission.

MUSC 605. Literature of the Wind Ensemble. 3 Credits.
The course centers upon the study of the performance, review and analysis of music for the Symphonic Band and Wind Ensemble. Suited especially to the needs of directors of secondary school and other nonprofessional wind ensembles. Prerequisites: Baccalaureate degree in music or permission of the instructor.

MUSC 606. Choral Music Literature. 3 Credits.
Survey of choral literature and practical performance practices from the Renaissance to the present. Prerequisites: Baccalaureate degree in music or permission of the department chair and instructor.

MUSC 607. Orff Schulwerk Level I. 3 Credits.
This course is a study of basic Orff Schulwerk techniques. Level I pedagogy includes instruction in the use of pentatonic scale, ostinato, elemental forms, improvisation, basic body movement and basic soprano recorder skills. Prerequisites: undergraduate degree in music or music education.

MUSC 608. Orff Schulwerk Level II. 3 Credits.
Introduction of Alto recorder occurs in Level II. Also included is an in-depth study of Orff Schulwerk Vol. III in which the student will be instructed in the use of I, IV, V harmony. Body movement and extensive study of folk dance are included. Prerequisites: MUSC 607 and proficiency on the soprano recorder.

MUSC 609. Literature of the Orchestra. 3 Credits.
This course is a survey of standard repertoire written for string and symphony orchestra, including score analysis and study of historical context and performance practice. Selected educational repertoire will also be explored in relation to similar counterparts in the standard repertoire. Suited for music educators and developing conductors. Prerequisites: undergraduate degree in music or permission of the instructor.

MUSC 610. Orff Schulwerk Level III. 3 Credits.
This course will build upon the skills and concepts introduced in Orff Schulwerk Levels I and II. Recorder technique will be expanded upon as well as eurhythmics and special topics. Prerequisites: MUSC 607 and MUSC 608.

MUSC 611. Current Trends in Elementary and Secondary Music. 3 Credits.
Designed for public school music teachers. This course involves the study of current methodology, its practice and uses in the elementary and secondary general/vocal/instrumental music program. Prerequisites: Admission to the Master of Music Education program or instructor’s permission.

MUSC 612. Organization and Administration of Instrumental Music. 3 Credits.
The course involves the study of effective organization and implementation techniques for elementary and secondary instrumental ensembles; includes particular problems in the administration of high school instrumental groups. Prerequisites: Baccalaureate degree in music or permission of instructor.

MUSC 613. Workshop in Music Education. 1 Credit.
This course centers upon the development of performance and instructional skills in various aspects of music education. May be repeated twice with different emphases. Prerequisites: Baccalaureate degree in music or permission of the department chair and instructor.

MUSC 614. Workshop in Instrumental Music. 1 Credit.
The course centers upon the development of performance and instrumental skills in various aspects of instrumental music. May be repeated twice with different emphases. Prerequisites: Baccalaureate degree in music or permission of the department chair and instructor.

MUSC 615. Workshop in Choral Music. 1 Credit.
This course centers upon the development of conducting techniques, performance and instructional skills in various aspects of choral music. May be repeated twice with different emphases. Prerequisites: Baccalaureate degree in music or permission of the department chair and instructor.

MUSC 616. Advanced Conducting Seminar. 3 Credits.
Involves conducting techniques as applied to various mixed ensembles. Emphasizes the technical considerations common to all phases of choral and instrumental conducting with special concern for school problems. Prerequisites: Baccalaureate degree in music or permission of instructor or department chair.

MUSC 630. Research in Music Education. 3 Credits.
Types of research, selection of problems, location of educational information, collection and classification of data, organization, presentation and interpretation of materials in the area of music education. Prerequisites: Admission to the Master of Music Education program or instructor’s permission. Pre- or corequisite: MUSC 600.

MUSC 635. The Use of Computers and Midi Technology in the Classroom. 3 Credits.
An in-depth survey of software available for use in the classroom, including sequencing, notation, and theoretical applications. A basic understanding of synthesizers and MIDI technology will be emphasized. The course will focus upon a hands-on approach to the subject matter, and extensive laboratory time in the EMS will be required. Prerequisites: undergraduate degree in music or permission of the instructor.
MUSC 636. Techniques of Jazz Education in the Secondary School. 3 Credits.
This course will deal with rehearsal techniques for the Jazz Ensemble, including articulation, style, phrasing, literature, and improvisational techniques. In addition, Jazz history and literature will be discussed in detail. Prerequisites: undergraduate degree in music or permission of the instructor.

MUSC 639. Vocal/Choral Arranging. 3 Credits.
Course is designed to develop the skills necessary to arrange a piece of vocal music for ensembles of various sizes and makeup. Techniques will be discussed and shown in class and students will complete written assignments to implement these techniques. Prerequisites: passing the Theory Placement Test; undergraduate degree in music or permission of the instructor.

MUSC 680. Performing Ensembles. 1 Credit.
Students are expected to help with sectional rehearsals and do in-depth score study on all music being performed. Prerequisites: permission of the instructor and audition.

MUSC 692. Portfolio. 3 Credits.
This course is designed to guide the student who is completing the Pedagogical Concentration in developing a professional teaching portfolio. It would typically be taken during the last semester of the degree program. The portfolio will be completed in digital format suitable for professional use. It will include information in the following areas: professional foundations, scholarship, performance, applied pedagogy and other professional data pertinent to the focus of the student. Prerequisites: Admission to the Master of Music Education program or instructor's permission.

MUSC 695. Topics in Music. 1-3 Credits.
These courses will appear in the course schedule. Course descriptions and prerequisites for each course may be found in information distributed to all academic advisors. Prerequisites: undergraduate degree in music or permission of the instructor.

MUSC 696. Topics in Music. 1-3 Credits.
These courses will appear in the course schedule. Course descriptions and prerequisites for each course may be found in information distributed to all academic advisors. Prerequisites: undergraduate degree in music or permission of the instructor.

MUSC 697. Independent Study. 1-3 Credits.
Designed for individualized study. Independent study projects will be related to music education and done under the supervision of a certified faculty member. Prerequisites: permission of the graduate program director.

MUSC 698. Thesis Research. 3 Credits.
Application of research procedures in music education, culminating in student study of selected topics. Prerequisites: MUSC 600, MUSC 630, and permission of the graduate program director.

MUSC 699. Thesis. 3 Credits.
Completion of thesis for the Master of Music Education degree. Prerequisites: MUSC 698.

MUSC 998. Master's Graduate Credit. 1 Credit.
This course is a pass/fail course for master's students in their final semester. It may be taken to fulfill the registration requirement necessary for graduation. All master's students are required to be registered for at least one graduate credit hour in the semester of their graduation.

MUSC 999. Doctoral Graduate Credit. 1 Credit.
This course is a pass/fail course doctoral students may take to maintain active status after successfully passing the candidacy examination. All doctoral students are required to be registered for at least one graduate credit hour every semester until their graduation.