MUSIC (MU)

Courses

MU 001. Intro to Classical Music. 3 Credits.
A survey of musical styles from Medieval Gregorian chant to the present. No prerequisite. May not be counted toward the major.

MU 004. Sound, Sense, and Ideas. 3 Credits.
A writing-intensive course, exploring topics in Western, non-Western, folk, art, or popular repertoires. See Schedule of Courses for specific topics. Usually offered as a TAP course. No prerequisite. May not be counted toward the major.

MU 005. D1: Intro to Jazz History. 3 Credits.
Survey of jazz from its roots in ragtime and blues of the late nineteenth century to contemporary styles. May not be counted toward the major.

MU 006. American Music. 3 Credits.
Survey of American music from the Pilgrims to the present. Folk, popular, and classical music. Vernacular and cultivated traditions. No prerequisites. May not be counted toward the major.

MU 007. D2: Intro World Music Cultures. 3 Credits.
Survey of selected traditional, popular, and classical music cultures from around the globe (Asia, Sub-Saharan Africa, Middle East, Latin America, etc.) through readings, recordings, demonstrations. No prerequisite. May not be counted toward the major.

MU 009. Music Theory Fundamentals. 3 Credits.
Fundamentals of music notation, rhythm, melody, scales, and harmony. A course for non-majors or for students preparing to enter MU 109. May not be counted toward the major.

MU 010. D1: Blues & Related Traditions. 3 Credits.
Traces the development of blues from African origins to modern blues, its rural and urban social contexts, and relation to African-American history and culture.

MU 011. D1: Chasing the Blues. 3 Credits.
Exploration of blues history and its relationship to African American history through travel, speakers, live music, museums, discussion, reading and media.

MU 012. D1: Music & Culture: New Orleans. 3 Credits.
Examines the interrelationships between styles of music in New Orleans and the cultures that support them; includes a trip to New Orleans during spring break.

MU 014. D2: Music of Latin Am & Carib. 3 Credits.
A study of the culture and history of Latin America and the Caribbean through music. Explores and compares traditional, classical, and popular genres from the pre-conquest to the present with particular attention to Indigenous, African, and European roots.

MU 015. History of Rock and Roll. 3 Credits.
Examines rock music as a succession of related musical styles and as a social movement reflecting and influencing the changing American political and social landscape.

MU 016. Musical Theatre Performance. 3 Credits.
Singing technique and vocal development with acting/song interpretation. Includes posture, breathing, phonation, registration, resonation, articulation, and voice qualities (classical, Broadway legit, belt voice, belt mix). May not be used as credit by Music majors/minors; may be counted toward Theatre major/minor with prior approval. Cross-listed with: THE 016.

MU 019. D1: Latin Jazz Immersion. 3 Credits.
Explore the culture and music of Latin Jazz from its roots in Caribbean and Latin American traditions to its combinacion perfecta with jazz.

MU 021. Beginning Group Lessons. 1 Credit.
Group lessons at the beginning level in voice and various instruments. May not be counted toward the major or minor. May be repeated up to three times for credit. No prerequisites.

MU 024. Group Jazz Piano I. 1 Credit.
Introduction to jazz piano techniques, including rootless voicings, soloing, and comping, and covering basic chord progressions, blues, and standard tunes. Prerequisite: MU 021; or basic keyboard knowledge and Instructor permission.

MU 025. Group Jazz Piano II. 1 Credit.
Some review of concepts from MU 024. Exploration of topics including stride, modal comping, and chord substitution. Prerequisites: MU 024; MU/MUSE majors, minors; or Instructor permission.

MU 041. Piano Proficiency 1. 1 Credit.
Basic piano technique and grand staff reading. For students preparing to enter MU 024 or MU 042. Placement Test. Music majors or Instructor permission. Prerequisites: MU 041 or equivalent determined by placement test.

MU 042. Piano Proficiency 2. 1 Credit.
Functional piano skills for musicians. Scales, technique, harmonizing, sight reading, repertory. Prerequisites: MU 041 or equivalent determined by placement test.

MU 043. Piano Proficiency 3. 1 Credit.
Preparation for Piano Proficiency Exam. Scales, repertory, sight reading, chordal accompaniment styles, score reading, transposing. Prerequisites: MU 042 or equivalent determined by placement test.

MU 054. Harmony and Form Lab I. 1 Credit.

MU 056. Harmony and Form Lab II. 1 Credit.
Intensive study of solfege, intermediate keyboard harmony, and dictation. Prerequisites: MU 054 or Instructor permission; piano skill equivalent to MU 041. Co-requisite: MU 110.
MU 060. Intro to Music Technology. 3 Credits.
Survey of MIDI and digital audio sequencing, notation, accompaniment, and multimedia software for music composition/arranging, performance, and pedagogy, including survey of pedagogical music software. Prerequisite: MU 009 or Instructor permission.

MU 061. Creating Music for Video. 3 Credits.
Students will score short films using digital audio software. Emphasis is on 4-5 scoring projects, with additional background reading and written critiques. Prerequisites: MU 009 or Instructor permission.

MU 062. Technology for Music Education. 3 Credits.
Explores technology used in music education. Topics include computer hardware and software, electronic keyboards and MIDI, recording equipment and introductory technique. Prerequisites: MU 009 and Instructor permission.

MU 063. Live Sound Reinforcement. 3 Credits.
Overview of techniques and tools used in amplification of live sound performance in music, theater, and dance. Study of physical properties of sound, fundamentals of acoustics, and current technology and equipment.

MU 075. Exploring Songwriting. 3 Credits.
Students develop and refine the ability to express themselves through songwriting as they study current songs, compose and perform original songs, and mentor classmates. No prerequisite. May not be counted toward the major.

MU 076. Brass Techniques. 2 Credits.
Class instruction on trumpet, trombone, and horn including materials and procedures for teaching these instruments in elementary and secondary schools.

MU 077. String Techniques. 2 Credits.
Develop basic technical proficiency on violin, viola, cello, and double bass. Emphasis on beginning pedagogy, and teaching string instruments in a classroom setting.

MU 078. Woodwind Techniques. 2 Credits.
Class instruction on flute, clarinet, saxophone and oboe/bassoon including materials and procedures for teaching these instruments in elementary and secondary schools.

MU 079. Percussion Techniques. 2 Credits.
Class instruction of various orchestral pitched and unpitched percussive instruments including materials and procedures for teaching these instruments in the elementary and secondary schools.

MU 080. Vocal Techniques. 2 Credits.
Foundation course in applied singing, and in teaching singing. Intended for students in music education, and students intending to teach private singing lessons or lead choirs.

MU 085. Intro to Music Education. 3 Credits.
Introduction to the opportunities, challenges, issues, roles, and duties of Pre-K-12 music educators.

MU 092. Internship. 1-3 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

MU 095. Introductory Special Topics. 1-18 Credits.
Courses on topics beyond the scope of existing departmental offerings. See Schedule of Courses for specific titles. No prerequisite. May be counted toward the major/minor with Instructor permission.

MU 096. Introductory Special Topics. 1-18 Credits.
Courses on topics beyond the scope of existing departmental offerings. See Schedule of Courses for specific titles. No prerequisite. May be counted toward the major/minor with Instructor permission.

MU 103. Jazz Harmony. 3 Credits.
Study of jazz harmony, including essential harmonic progressions, turnarounds, chord substitutions, and melody harmonization. Prerequisite: MU 009 or equivalent music theory fundamentals proficiency. Co-requisite: MU 104.

MU 104. Jazz Harmony Lab. 1 Credit.
Musical skills will be sharpened through singing prepared and unprepared material, through practice of rhythmic exercises, and through melodic, harmonic, and rhythmic dictation. Practice in the use of solfege syllables from the moveable do system to aid successful sight singing. Co-requisite: MU 103.

MU 105. History of Jazz. 3 Credits.

MU 106. American Music. 3 Credits.
Survey of American music from the Pilgrims to the present. Folk, popular, and classical music. Vernacular and cultivated traditions. Includes research projects.

MU 107. D2: World Music Cultures. 3 Credits.
Through readings, close listening, and hands-on study of percussion instruments, students explore how music communicates in culturally specific contexts from around the globe. Research projects. Prerequisites: Music majors/minors or Instructor permission.

MU 109. Harmony and Form I. 3 Credits.
Study of diatonic melody and harmony, phrase structure, and elaborative techniques. Music majors take MU 054 concurrently. Prerequisites: MU 009 or equivalent, determined by placement test.

MU 110. Harmony and Form II. 3 Credits.
Study of chromatic harmony (applied chords, modulation) and small forms (binary, ternary, variation). Music majors take MU 056 concurrently. Prerequisite: MU 109 or Instructor permission.

MU 111. Music History & Literature I. 3 Credits.
Survey of musical styles through the Baroque. Prerequisites: MU 109 and MU 110; MU 001 is strongly recommended; Majors/minors, or Instructor permission.
MU 112. Music History & Literature II. 3 Credits.
Survey of musical styles from 1750 to the present. Prerequisites: MU 109 and MU 110; MU 001 is strongly recommended; Majors/minors; or Instructor permission.

MU 113. Seminar in Ethnomusicology. 3 Credits.
See Schedule of Courses for specific topics. Prerequisite: MU 007 or MU 107; Instructor permission.

MU 117. Swing Band. 1 Credit.
A big band specializing in dance band styles (Latin as well as swing). Occasional performances for dancers. Prerequisite: audition.

MU 118. Latin Jazz Ensemble. 1 Credit.
A medium-size group (rhythm section and percussionists with horns and sometimes vocalists) where students learn fundamentals of Latin music in a jazz context. Prerequisite: audition.

MU 119. Jazz Vocal Ensemble. 1 Credit.
Nine to sixteen vocalists (SATB), a cappella or accompanied by piano or rhythm section, perform arrangements of standard songs and jazz tunes. Prerequisite: audition.

MU 120. Catamount Pep Band. 0.5 Credits.
This ensemble performs at several home winter athletic events. Open to all students; an opportunity for those with previous band experience to continue playing. Prerequisite: audition.

MU 121. Concert Band. 1 Credit.
Concert Band is open to all students. Repertory is chosen from the standard literature as well as contemporary music. Prerequisite: Audition.

MU 122. University Concert Choir. 1 Credit.
Mixed SATB choir. Performing choral masterworks from the baroque period to the present. Open to all students.

MU 123. Orchestra. 1 Credit.
Full orchestra comprising strings, woodwinds, brass, and percussion. All university students may audition. Several performances each year.

MU 124. University Jazz Ensemble. 1 Credit.
Exploration of classic big band repertory and works of contemporary composers and arrangers. Performance in one major concert every semester and occasional appearances off campus. Prerequisite: Audition.

MU 125. Vermont Wind Ensemble. 1 Credit.
Vermont Wind Ensemble is a select group, open to all students. Repertory is chosen from the standard literature as well as contemporary music. Prerequisite: Concurrent enrollment in MU 121; audition.

MU 126. Accompanying. 1-3 Credits.
Lessons in piano accompanying for soloists, taught by piano and instrumental/vocal faculty. Juried performance expected. Prerequisite: Instructor permission.

MU 127. University Catamount Singers. 1-6 Credits.
Mixed, select SATB chamber choir. Performing vocal music from the medieval period to the present. Open to all students. Prerequisite: Audition.

MU 128. Opera Workshop. 1 Credit.
Study and performance of scenes from the operatic and musical theater repertory for the stage actor/actress. Prerequisite: Instructor permission.

MU 129. Percussion Ensemble. 1 Credit.
Percussion ensemble is open to all students. Repertory is chosen from the standard literature as well as improvisatory traditions of percussion music.

MU 130. Chamber Music. 1-6 Credits.
Study and performance of masterworks for small groups. Attendance at all rehearsals and public performances required. Outside practice required.

MU 131. A & B Jazz Combos. 1-6 Credits.
Small groups (a rhythm section and three to five solo instruments) in which students improve their improvisational skills while learning jazz repertory.

MU 132. Post Bop Ensemble. 1 Credit.
A small jazz group (rhythm section plus two to four horns) specializing in post-1950’s repertoire (Wayne Shorter, Chick Corea, etc.) as well as original compositions. Prerequisite: audition.

MU 149. Soph Recital/Performance Sem. 1 Credit.
B.M. Candidates only.

MU 150. Junior Recital. 1 Credit.
B.M. Candidates only.

MU 154. Harmony and Form Lab III. 1 Credit.
Intensive study of solfege, chromatic harmony at the keyboard, dictation, and score reading. Prerequisite: MU 056 or Instructor permission. Co-requisite: MU 209.

MU 156. Harmony and Form Lab IV. 1 Credit.
Intensive study of solfege, extended tonality and atonality at the keyboard, dictation, and score reading. Prerequisite: MU 154 or Instructor permission. Co-requisite: MU 210.

MU 157. Composition. 3 Credits.
Studies in free composition and the mechanics of score preparation, leading to performance of original work on a departmental concert. Prerequisite: MU 110 or Instructor permission.

MU 159. Theory/Prac Jazz Improv I. 3 Credits.
Basic repertory, idiomatic usage, aural skills, theoretical constructs, and strategies for the jazz improvisor. Prerequisites: MU 103 or MU 109 or Instructor permission; intermediate instrumental skill.

MU 161. Studio Production I. 2 Credits.
Explores the fundamentals of music studio recording production. Topics include recording hardware, ProTools software, microphone technique, signal processing, and post production engineering. Prerequisites: MU 060 or Instructor permission.

MU 162. Studio Production II. 2 Credits.
Explores advanced techniques of music studio production. Topics include recording hardware, signal processing, Digital Audio Workstations, and post production engineering (mixing and mastering). Prerequisite: MU 161.
MU 172. Arts Management. 3 Credits.
Focuses on the business of presenting the performing arts. Topics include: planning, marketing, logistics and operations of non-profit arts organizations. Prerequisite: Sophomore standing.

MU 176. Music for Elem Teachers. 3 Credits.
Development of musical skills, understandings, and attitudes for teaching music in the elementary classroom. Prerequisites: Sophomore standing in elementary education, and early childhood majors only; or acceptance into licensure program.

MU 181. Conducting. 3 Credits.
Baton technique, score reading, and laboratory practice. Preparation and performance of selected scores, including rehearsal procedures. Prerequisites: MU 154 and MU 209.

MU 185. Music Business and Copyright. 3 Credits.
Survey of basic concepts and practices in music business including copyright, licensing, publishing, contracts, marketing, agencies, unions and guilds, and career development. Prerequisite: Sophomore standing.

MU 192. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

MU 194. Teaching Assistantship. 1-3 Credits.
Undergraduate student service as a teaching assistant, usually in an introductory level course in the discipline, for which credit is awarded. Offered at department discretion.

MU 195. Intermediate Special Topics. 1-18 Credits.
Courses on topics beyond the scope of existing departmental offerings. See Schedule of Courses for specific titles. Prerequisites: MU 109 and MU 110; Majors/minors or Instructor permission.

MU 196. Intermediate Special Topics. 1-18 Credits.
Courses on topics beyond the scope of existing departmental offerings. See Schedule of Courses for specific titles. Prerequisites: MU 109 and MU 110; Majors/minors, or Instructor permission.

MU 197. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. faculty member, for which credit is awarded.

MU 198. Undergraduate Research. 1-18 Credits.
Undergraduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

MU 201. Composer Seminar. 3 Credits.
Survey of the musical style of one or more composers. Context, history, legacy. Past offerings have included Bach, Beethoven, Stravinsky, and Ellington. See Schedule of Courses for specific topics.

MU 203. Genre Seminar. 3 Credits.
Survey of the musical style within a genre. Context, history, legacy. Past offerings have included piano literature, choral literature, and bebop. See Schedule of Courses for specific topics. Prerequisite: MU 109 and MU 110, and either MU 111 or MU 112.

MU 205. Period Seminar. 3 Credits.
Survey of music from a particular historical era. Context, composers, legacy. Past offerings have included music of the twentieth century, Baroque music, and twentieth century blues traditions. Prerequisites: MU 109, MU 110, and either MU 111 or MU 112.

MU 209. Harmony and Form III. 3 Credits.
Study of advanced chromatic harmony, large forms (sonata, rondo), art song, and free forms. Music majors take MU 154 concurrently. Prerequisite: MU 110 or Instructor permission.

MU 210. Harmony and Form IV. 3 Credits.
Study of extended tonality, atonality, and 12-tone techniques. Examples drawn from 20th and 21st century literature. Music majors take MU 156 concurrently. Prerequisite: MU 209 or Instructor permission.

MU 211. Senior Music History Project. 1 Credit.
Directed readings and research. Research project. Prerequisites: Music History concentration; Senior standing; Instructor permission.

MU 214. Teaching Assistantship. 1-3 Credits.
Undergraduate student service as a teaching assistant, usually in an introductory level course in the discipline, for which credit is awarded. Offered at department discretion.

MU 217. Swing Band. 1 Credit.
A big band specializing in dance band styles (Latin as well as swing). Occasional performances for dancers. Prerequisite: audition.

MU 218. Latin Jazz Ensemble. 1 Credit.
A medium-size group (rhythm section and percussionists with horns and sometimes vocalists) where students learn fundamentals of Latin music in a jazz context. Prerequisite: audition.

MU 219. Jazz Vocal Ensemble. 1 Credit.
Nine to sixteen vocalists (SATB), a cappella or accompanied by piano or rhythm section, perform arrangements of standard songs and jazz tunes. Prerequisite: audition.

MU 220. Catamount Pep Band. 0.5 Credits.
This ensemble performs at several home winter athletic events. Open to all students; an opportunity for those with previous band experience to continue playing. Prerequisite: audition.

MU 221. Concert Band. 1 Credit.
Concert Band is open to all students. Repertory is chosen from the standard literature as well as contemporary music.

MU 222. University Concert Choir. 1 Credit.
Mixed SATB choir. Performing choral masterworks from the baroque period to the present. Open to all students.

MU 223. Orchestra. 1 Credit.
Full orchestra comprising strings, woodwinds, brass, and percussion. All university students may audition. Several performances each year.
MU 224. University Jazz Ensemble. 1 Credit.
Exploration of classic big band repertory and works of contemporary composers and arrangers. Performance in one major concert every semester and occasional appearances off campus. Prerequisites: Audition and Instructor permission.

MU 225. Vermont Wind Ensemble. 1 Credit.
Vermont Wind Ensemble is a select group, open to all students. Repertory is chosen from the standard literature as well as contemporary music. Prerequisite: Concurrent enrollment in MU 121.

MU 226. Accompanying. 1-3 Credits.
Lessons in piano accompanying for soloists, taught by piano and instrumental/vocal faculty. Juried performance expected. Prerequisite: Instructor permission.

MU 227. University Catamount Singers. 1-6 Credits.
Mixed, select SATB chamber choir. Performing vocal music from the medieval period to the present. Open to all students.

MU 228. Opera Workshop. 1 Credit.
Study and performance of scenes from the operatic and musical theater repertory for the stage actor/actress. Prerequisite: Instructor permission.

MU 229. Percussion Ensemble. 1-6 Credits.
Percussion ensemble is open to all students. Repertory is chosen from the standard literature as well as improvisatory traditions of percussion music.

MU 230. Chamber Music. 1-6 Credits.
Study and performance of masterworks for small groups. Attendance at all rehearsals and public performances required. Outside practice required.

MU 231. A & B Jazz Combos. 1-6 Credits.
Small groups (a rhythm section plus three to five solo instruments) in which students improve their improvisational skills while learning jazz repertory.

MU 232. Post Bop Ensemble. 1 Credit.
A small jazz group (rhythm section plus two to four horns) specializing in post-1950’s repertoire (Wayne Shorter, Chick Corea, etc.) as well as original compositions. Prerequisite: audition.

MU 250. Senior Recital. 1 Credit.

MU 251. Advanced Theory: Counterpoint. 3 Credits.
Contrapuntal forms and procedures: analysis and writing. Examples from 16th through 20th centuries. Prerequisite: MU 110 or Instructor permission.

MU 253. Orchestration. 3 Credits.
Characteristics of instruments, study of instrumental scores, arranging and transcribing for ensembles. Prerequisite: MU 110 or Instructor permission.

MU 256. Advanced Composition. 3 Credits.
Creative work in free composition culminating in public performance of completed work on a departmental concert. Prerequisite: MU 157.

MU 257. Jazz Composition and Arranging. 3 Credits.
Composing and arranging for big band. Practice in techniques of jazz arranging and study of historic works. Final project is jazz standard arranged for big band, read by the UVM Jazz Ensemble. Prerequisite: MU 013 or MU 110 or Instructor permission.

MU 258. Advanced Jazz Comp and Arr. 3 Credits.
Composing for small jazz ensembles. Practice in 2-, 3-, and 4-horn techniques. This seminar features student-led analysis, discussion, and in-class performances of writing projects. Final project is original composition arranged for small jazz ensemble, performed on departmental concert. Prerequisite: MU 257 or Instructor permission.

MU 259. Thry & Prac of Jazz Improv II. 3 Credits.
Chord substitution, re-harmonization, scale alteration, free improvisation, and other techniques in written assignments and classroom performance of modern jazz repertory. Prerequisites: MU 159, or Instructor permission.

MU 260. Sr Composition/Theory Project. 1 Credit.
Research paper or composition/analysis; topic chosen under direction of a faculty member. Prerequisite: Composition/Theory concentration; Senior standing; Instructor permission.

MU 261. Studio Production III. 2 Credits.
Explores professional techniques of music studio production. Topics include recording hardware, signal processing, Digital Audio Workstations, and post production engineering (mixing and mastering). Prerequisite: MU 162.

MU 262. Senior Project in Music Tech. 1 Credit.
Project utilizes current music technology. Topic chosen under direction of faculty member. Prerequisite: MU 261 and Senior standing in Music Technology Concentration.

MU 270. General Music Methods. 3 Credits.
Methodologies, lesson planning, assessment, and standards-based curriculum development for general music at the elementary and secondary school levels. Pre/co-requisites: MU 085; acceptance into licensure program in Music Education; concurrent enrollment in MU 271.

MU 271. General Music Practicum. 1 Credit.
Supervised field experience in general music. Pre/co-requisites: MU 085; acceptance into licensure program in Music Education; concurrent enrollment in MU 270.

MU 272. Choral Music Methods. 2 Credits.
Standards-based curriculum development, lesson planning, repertoire selection, rehearsal techniques, and assessment strategies for teaching choral music at the elementary and secondary school levels. Pre/ co-requisite: MU 085; acceptance into licensure program in Music Education; concurrent enrollment in MU 273.

MU 273. Choral Music Practicum. 1 Credit.
Supervised field experience in choral music. Pre/co-requisites: MU 085; acceptance into licensure program in Music Education; concurrent enrollment in MU 272.
MU 274. Instrumental Music Methods. 2 Credits.
Standards-based curriculum development, lesson planning, repertoire selection, rehearsal techniques, and assessment strategies for teaching instrumental music at the elementary and secondary school levels. Pre/co-requisites: MU 085; acceptance into licensure program in Music Education; concurrent enrollment in MU 275.

MU 275. Instrumental Music Practicum. 1 Credit.
Supervised field experience in instrumental music. Pre/co-requisites: MU 085; acceptance into licensure program in Music Ed; concurrent enrollment in MU 274.

MU 281. Advanced Conducting. 3 Credits.
Focus on advanced conducting techniques and score preparation. Exploration of instrumental and vocal conducting techniques. Prerequisite: MU 181.

MU 290. Teaching Internship. 12 Credits.
Supervised field work designed to give students experience in specialized areas for their professional development. Prerequisite: Senior standing.

MU 291. Music Technology Internship. 1 Credit.
Supervised fieldwork designed to give students experience in specialized areas for their professional development. Prerequisite: MU 261; Music Technology & Business concentration; Senior standing; Instructor permission.

MU 292. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

MU 294. Teaching Assistantship. 1-3 Credits.
Undergraduate student service as a teaching assistant, usually in an introductory level course in the discipline, for which credit is awarded. Offered at department discretion.

MU 295. Advanced Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

MU 296. Advanced Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

MU 297. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

MU 298. Undergraduate Research. 1-18 Credits.
Undergraduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.