

2011-13 Cal Poly Catalog

Music Department

MU–MUSIC

MU 100 Music Fundamentals (4)

Traditional music notation. Use of treble and bass staff for pitch and rhythm, harmonization using principal triads, major and minor, and common seventh chords. Performance of simple pieces individually and in groups using common classroom instruments. 3 lectures, 1 activity.

MU 101 Introduction to Music Theory (4)

GE C3

Introduction to the elements of music and their use by composers and performers. Notation of pitch and rhythm, scales, key signatures, intervals and chords. 3 lectures, 1 activity. Fulfills GE C3.

MU 103 Music Theory I: Diatonic Materials (4)

Introduction to species counterpoint, structure of tonality, four-part writing of root position and inverted triads, dominant seventh chord, phrase structure, harmonic progressions, harmonization of a melody and nonharmonic tones. Composition project. 4 lectures. Prerequisite: MU 101 or permission of instructor.

MU 104 Musicianship I (2)

Introductory sight-singing; rhythmic performance and dictation in simple and compound meters; identification and performance of melodic and harmonic intervals and triads; dictation of major diatonic melodies and basic chord progressions. 2 activities. Prerequisite: MU 101 or consent of instructor. (Music majors may be concurrently enrolled in MU 101 and MU 104.)

MU 105 Music Theory II: Chromatic Materials (4)

Construction and resolution of diatonic seventh chords, secondary dominants, augmented sixth, and Neapolitan chords. Modal mixture and modulation to closely-related keys. Binary, ternary, and variation forms. Introduction to 18th-century counterpoint. Composition project. 4 lectures. Prerequisite: MU 103.

MU 106 Musicianship II (2)

Sight-singing in all forms of the minor mode; rhythmic performance and dictation in compound meters, syncopation and two parts; identification of triad inversions and cadence types; dictation of minor diatonic melodies and triadic chord progressions. 2 activities. Prerequisite: MU 104 or consent of instructor.

MU 108 Musicianship III (2)

Sight-singing in major and minor modes in two or more parts; identification of triadic chord progressions and root position seventh chords; identification of phrase structure; dictation of two-part melodies in major and minor modes. 2 activities. Prerequisite: MU 106 or consent of instructor.

MU 114 Introduction to Composing (4)

Fundamental concepts in music composition. Creative projects. Compositional techniques, development, and structure. Analysis of examples from the literature. 3 lectures, 1 activity. Prerequisite: MU 101 or consent of instructor.

MU 120 Music Appreciation (4)

GE C3

Explores the world of music with emphasis on Western tradition. Language of music, the role of music in society. Historical context and major composers from the Middle Ages to the present. 3 lectures, 1 activity. Fulfills GE C3.

MU 121 Introduction to Non-Western Musics (4)

Survey of selected non-Western music cultures. Emphasis on listening and understanding the ensemble type, aesthetic principle, musical style, and performance practice of each. 3 lectures, 1 activity. Prerequisite: Music major, minor, or consent of instructor.

MU 149 Applied Study/Technique (1)

Individual instruction in performance with emphasis on the technical skills needed for the performance of repertoire. Total credit limited to 3 units. The Schedule of Classes will list topic selected. Prerequisite: Consent of instructor.

MU 150 Applied Music (1)

Individual instruction in performance with emphasis on repertoire, technical skills, style, and interpretation. Total credit limited to 6 units. The Schedule of Classes will list topic selected. Prerequisite: Consent of instructor.

MU 151 Beginning Class Piano (2)

Beginning piano for student with no background in keyboard instruments. Includes fundamentals of notation, keyboard techniques, tone production, sight-reading and facility. 1 lecture, 1 activity.

MU 152 Elementary Class Piano (1)

Continuation of MU 151. Piano for students with the ability to play a simple Bach or Mozart Minuet. Total credit limited to 3 units. 1 activity. Prerequisite: MU 151 or consent of instructor. For non-music majors.

MU 153 Intermediate Class Piano (1)

Continuation of MU 152. Students are expected to play at the level of the easier Clementi Sonatinas. Total credit limited to 3 units. 1 activity. Prerequisite: MU 152 or one year of piano instruction. For non-music majors.

MU 154 Beginning Voice (1)

Beginning study of vocal and performance technique for the untrained singer. Includes the beginning study of the vocal mechanism and the fundamentals of notation. 1 activity.

MU 155 Beginning Guitar (1)

Fundamentals of guitar technique and performance. Elements of classical, pop, and folk styles. Basics of staff and chord notations. No previous experience necessary. 1 activity.

MU 161 Piano Skills I (1)

Preparation for Piano Proficiency Examination. Study of piano repertoire, sight-reading, transposition, harmonization of a melody, accompanying, improvisation of a melody, score-reading. 1 activity. Prerequisite: Music major and consent of instructor.

MU 162 Piano Skills II (1)

Continuation of MU 161. Preparation for Piano Proficiency Examination. Study of piano repertoire, sight-reading, transposition, harmonization of a melody, accompanying, improvisation of a melody, score-reading. 1 activity. Prerequisite: MU 161 or consent of instructor.

MU 163 Piano Skills III (1)

Continuation of MU 162. Preparation for Piano Proficiency Examination. Study of piano repertoire, sight-reading, transposition, harmonization of a melody, accompanying, improvisation of a melody, score-reading. 1 activity. Prerequisite: MU 162 or consent of instructor.

MU 168 Piano Accompanying (1)

Preparation and performance of vocal and instrumental music written with piano accompaniment. Choral rehearsal accompanist techniques. Open to students who are proficient on piano at a collegiate level. Total credit limited to 6 units. 1 activity. Corequisite: MU 253 or piano topic in any of the following courses: MU 150, MU 250, MU 350 or MU 450; or consent of instructor.

MU 170 University Jazz Band (1)

Study and public performance of music written for big band jazz. Limited to those who have had considerable experience playing musical instruments. The band performs concerts on campus and makes at least one tour annually. Total credit limited to 6 units. 1 laboratory. Prerequisite: Consent of instructor.

MU 171 Instrumental Ensembles (1)

Open to qualified musicians. Rehearsal and public performances in large and small ensembles. The Schedule of Classes will list topic selected. Total credit limited to 6 units. 1 activity. Prerequisite: Consent of instructor.

MU 172 Wind Orchestra (1)

Study and public performance of music written for large wind band. Open to all qualified students who perform on woodwind, brass, and percussion instruments. The Schedule of Classes will list topic selected. Total credit limited to 6 units. 1 laboratory. Prerequisite: Consent of instructor.

MU 173 Wind Ensemble (1)

Study and public performance of music written for wind bands with limited doubling and flexible instrumentation. Open to all students who perform on woodwind, brass and percussion instruments on an advanced collegiate level. Total credit limited to 6 units. 1 laboratory. Prerequisite: Consent of instructor.

MU 174 Symphony Orchestra (1)

Preparation and performance of orchestral music including both the standard repertoire and rarely performed works. Open to all qualified students. Total credit limited to 6 units. 1 laboratory. Prerequisite: Consent of instructor, based on audition.

MU 175 Contemporary Music Ensemble (1)

Open to all instrumentalists who are interested in performing recent classical literature. Limited to students who are proficient on their instrument. Total credit limited to 6 units. 1 activity. Prerequisite: By audition or consent of instructor.

MU 176 Mustang Band (1)

Public performance of music and specially-designed shows written for marching band (woodwinds, brass, percussion, and flag team auxiliary). Limited to those students who have had marching experience with wind and percussion instruments, or flag, rifle or dance lines. Total credit limited to 6 units. 1 laboratory. Prerequisite: Consent of instructor.

MU 177 Chamber Winds (1)

Study and public performance of music written for small wind ensembles (10 to 20 players). Open to all students who perform woodwind, brass and percussion instruments on an advanced collegiate level. Total credit limited to 6 units. 1 activity. Prerequisite: Consent of instructor.

MU 178 Field Show Marching Skills (1)

Study and application of advanced field show marching techniques used in performance by the Cal Poly Mustang Band and other university bands. Limited to those students who have experience performing on a wind/percussion instrument, or in a marching band flag/dance team auxiliary. Total credit limited to 6 units. 1 activity.

MU 181 PolyPhonics (1)

Study and public performance of music for mixed voices. Total credit limited to 6 units. 1 laboratory. Prerequisite: Consent of instructor.

MU 183 Vocal Ensemble (1)

Open to qualified singers. Rehearsal and performance of specialized vocal music. Total credit limited to 6 units. 1 activity. Prerequisite: Consent of instructor.

MU 184 Music Production Workshop (2)

Preparation of a musical theatre production for public presentation. Includes acting and stage management. Total credit limited to 6 units. 2 laboratories. Prerequisite: By audition or consent of instructor.

MU 185 University Singers (1)

Study and public performance of music for large mixed chorus. Total credit limited to 6 units. 1 laboratory. Prerequisite: Consent of instructor.

MU 186 Early Music Ensemble (1)

Study and public performance of vocal and instrumental music from 1200 to 1750. Total credit limited to 6 units. 1 laboratory. Prerequisite: Consent of instructor.

MU 187 Vocal Jazz Ensemble (1)

Study and performance of vocal jazz, including ensemble performance as well as solo performance and improvisation. Total credit limited to 6 units. 1 laboratory. Prerequisite: Consent of instructor.

MU 188 Arab Music Ensemble (1)

Rehearsal and performance of instrumental and vocal repertoire drawn from art and popular music of wide-ranging Arabic-speaking societies and historically related cultures. Accompanying music theories, instrumental techniques, and performance practices, with presentation of seminal works in public concerts. Total credit limited to 6 units. 1 laboratory.

MU 189 Vocal Practicum (1)

Study and implementation of performing techniques used by vocalists in a recital or concert setting. Total credit limited to 6 units. 1 activity. Prerequisite: MU 150, MU 250, MU 350 or MU 450, or consent of instructor.

MU 200 Special Problems for Undergraduates (1-2)

Individual investigation, research, studies, or surveys of selected problems. Total credit limited to 4 units, with a maximum of 2 units per quarter. Prerequisite: Consent of instructor.

MU 210 Musicianship IV (1)

Continuation of MU 108. Sightsinging with chromatic tones; rhythmic performance in changing meters; chord progressions with seventh chords and secondary dominants; seventh chord inversions; modulation to closely-related keys; identification of binary and ternary forms; and 2-part diatonic dictation. 1 activity. Prerequisite: MU 108 or consent of instructor.

MU 211 Musicianship V (1)

Continuation of MU 210. Sightsinging with chromatic tones; rhythmic performance and dictation in changing and irregular meters; chord progressions with Neapolitan and augmented sixth chords; modulatory progressions and dictations and identification of sonata, rondo, and variation forms. 1 activity. Prerequisite: MU 210 or consent of instructor.

MU 212 Musicianship VI (1)

Continuation of MU 211. Emphasis on previously acquired skills, plus performance and dictation of complex beat divisions; identification of contrapuntal genres; and modulatory dictation in 2 parts. 1 activity. Prerequisite: MU 211 or consent of instructor.

MU 221 Jazz Styles (4)**GE C3 USCP**

Survey of Jazz as a significant American art form from 1900 to the present; its historical background and development in the United States; key elements, leading performers, and significant compositions in each style. Emphasis on listening skills. 3 lectures, 1 activity. Fulfills GE C3 and USCP.

MU 229 Music of the 60s: War and Peace (4)**GE C3 USCP**

Explores wide spectrum of rock, folk and pop styles of the 60s. Relates music to social turmoil and historical trends, including Vietnam War, Civil Rights Movement, American Indian Movement, Chicano Movement, Free Speech Movement. 3 lectures, 1 activity. Fulfills GE C3 and USCP.

MU 249 Applied Study/Technique (1)

Individual instruction in performance with emphasis on the technical skills needed for the performance of repertoire. Total credit limited to 3 units. Prerequisite: Consent of instructor.

MU 250 Applied Music (1)

Individual instruction in performance with emphasis on repertoire, technical skills, style, and interpretation. Total credit limited to 6 units. The Schedule of Classes will list topic selected. Prerequisite: 3 units of MU 150 and consent of instructor.

MU 251 Diction for Singers (1)

The study of diction as it applies to singing in English, French, German, Italian, Spanish and the International Phonetic Alphabet. The Schedule of Classes will list topic selected. Total credit limited to 6 units. 1 activity. Prerequisite: Consent of instructor.

MU 252 Intermediate Voice (1)

Vocal and performance technique for experienced singers. Total credit limited to 3 units. 1 activity. Prerequisite: MU 154 or consent of instructor.

MU 253 Advanced Class Piano (1)

Advanced level piano techniques with emphasis on style, interpretation, sightreading, basic performance practices and the solution to general musical problems. Total credit limited to 3 units. 1 activity. Prerequisite: MU 153 or consent of instructor. For non-music majors.

MU 255 Intermediate Guitar (1)

Development of intermediate guitar techniques and performance. Elements of classical, pop, and folk styles. Intermediate skills, reading notes and chord charts. 1 activity. Prerequisite: MU 155 or consent of instructor.

MU 259 Beginning Jazz Improvisation (2)

Development of fundamentals of jazz improvisation including scales, arpeggios, patterns, swing feel, expressiveness, and motifs through in-class performance of written materials and improvisations with play-along recordings. Total credit limited to 6 units. 2 activities. Prerequisite: Facility on a musical instrument or singing ability; MU 101 or consent of instructor.

MU 261 Piano Skills IV (1)

Continuation of MU 163. Preparation for Piano Proficiency Examination. Study of piano repertoire, sightreading, transposition, harmonization of a melody, accompanying, and improvisation of a melody, score-reading. 1 activity. Prerequisite: MU 163 or consent of instructor.

MU 262 Piano Skills V (1)

Continuation of MU 261. Preparation for Piano Proficiency Examination. Study of piano repertoire, sightreading, transposition, harmonization of a melody, accompanying, improvisation of a melody, score-reading. 1 activity. Prerequisite: MU 261 or consent of instructor.

MU 263 Piano Skills VI (1)

Continuation of MU 262. Completion of this course with a C- or better represents fulfillment of the Piano Proficiency Examination. Study of piano repertoire, sightreading, transposition, harmonization of a melody, accompanying, improvisation of a melody, score-reading. 1 activity. Prerequisite: MU 262 or consent of instructor.

MU 265 Accelerated Piano Skills (1)

Preparation for Piano Proficiency Examination. For students with an extensive piano repertoire background but needing focused preparation in sightreading, transposition, harmonization of a melody, accompanying, and score reading. Total credit limited to 3 units. 1 activity. Prerequisite: Music major and consent of instructor.

MU 270 Selected Topics (1–4)

Directed group study of selected topics. The Schedule of Classes will list title selected. Total credit limited to 8 units. 1 to 4 lectures. Prerequisite: Open to undergraduate students and consent of instructor.

MU 301 Counterpoint (4)

Counterpoint as a compositional technique. Modal, tonal, and post-tonal practices. Composition project. 4 lectures. Prerequisite: MU 105.

MU 303 Music Theory III: Advanced Chromaticism (4)

Compositional procedures employed by composers of the Classical and Romantic periods. Chromatic third-related harmony, linear chromaticism, and extended tertian chords. Chromatic and enharmonic modulation to distantly-related keys. Sonata and rondo forms. Composition project. 4 lectures. Prerequisite: MU 105.

MU 305 Music Theory IV: Contemporary Practices (4)

Examination of 20th- and 21st-century compositional practices including impressionism, developments in rhythm, polytonality, non-serial atonality, serialism, timbre and form, neoclassicism, minimalism, and the new eclecticism. Analysis and creative projects. 4 lectures. Prerequisite: MU 303 or permission of instructor.

MU 311 Sound Design: Technologies (4)

Fundamental tools of electroacoustic sound design. Concepts and application of music studio procedure, recording, synthesis, and MIDI. Studio projects. 3 lectures, 1 activity. Prerequisite: MU 101, MU 120 or consent of instructor.

MU 312 Sound Design: Recording (4)

Exploring creative use of recording technology. Analog and digital equipment for recording music. Analysis and creative projects. 3 lectures, 1 activity. Prerequisite: MU 311 or permission of instructor.

MU 320 Music Research and Writing (4)

Methodology for researching, analyzing, and writing about music. Exploration of investigative tools including library resources, periodicals, bibliographic tools, computerized search methods. Performance practice. 4 lectures. Prerequisite: MU 105 and ENGL 134. Recommended: MU 120; or permission of instructor.

MU 324 Music and Society (4)**GE C4**

Exploration into the role of music historically and culturally. Emphasis on deeper understanding and appreciation of the context of music through topics of special interest. The Schedule of Classes will list topic selected. Total credit limited to 12 units. 3 lectures, 1 activity. Prerequisite: Completion of GE Area A and a foundation course in Area C. Recommended: Junior standing;. Fulfills GE C4 except for Music majors.

MU 325 America's Music (4)**USCP**

Explorations of the many styles of America's music through lectures, readings, sound recordings, musical scores, and performance. Includes "Native American," "folk," "popular," and "fine art" traditions. How American music reflects the different cultural heritages, social contexts, and philosophies of its creators. 4 lectures. Prerequisite: MU 105. Recommended: MU 120. Fulfills USCP.

MU 326 Cultural Concepts and Structures in Music (4)

Exploring the definition, concepts, and structures of music in terms of theory, performance practice, and compositional procedures of selected non-Western cultures. 3 lectures, 1 activity. Prerequisite: MU 121 or consent of instructor.

MU 328 Women in Music (4)**GE C4 USCP**

Survey of women's contributions as composers and performers of western art and popular music; historical overview of the experiences and perception of

women as musicians. 3 lectures, 1 activity. Prerequisite: Completion of GE Area A and a foundation course in Area C. Recommended: Junior standing;. Fulfills GE C4 except for Music majors.

MU 331 Music of the Middle Ages and Renaissance (4)

Musical literature, styles, composers, theory, genres and notation of the Middle Ages and Renaissance. Relationship to historical trends. 4 lectures. Prerequisite: MU 320; Recommended: MU 120; or permission of instructor.

MU 332 Music of the Baroque and Early Classic Eras (4)

Survey of the history of western art music from 1600 to 1780. 4 lectures. Prerequisite: MU 320; Recommended: MU 120; or permission of instructor.

MU 335 Survey of Keyboard Literature (4)

Intensive survey of solo piano literature from early keyboard music through contemporary composers; emphasis upon composers' influences, stylistic characteristics, performance practices, and the development of the pianoforte. 4 lectures. Prerequisite: MU 105 or consent of instructor.

MU 336 Jazz History and Theory (4)

Survey of Jazz theoretical techniques. Emphasis upon historical context and development of Jazz through study and analysis of scores and historical performances. 4 lectures. Prerequisite: MU 105.

MU 340 Conducting: Fundamentals (2)

Principles and techniques of conducting with experience in score reading. 2 activities. Prerequisite: MU 105 or consent of instructor.

MU 341 Conducting: Choral (2)

Continuation of MU 340. Emphasis on choral literature. Score reading, rehearsal techniques, and musical details associated with vocal music. 2 activities. Prerequisite: MU 340.

MU 342 Conducting: Instrumental (2)

Continuation of MU 340. Emphasis on band and orchestra literature. Score reading, rehearsal techniques, and musical details associated with instrumental music. 2 activities. Prerequisite: MU 340 and MU 341.

MU 349 Applied Study/Technique (1)

Individual instruction in performance with emphasis on the technical skills needed for the performance of repertoire. Total credit limited to 3 units. The Schedule of Classes will list topic selected. Prerequisite: Consent of instructor.

MU 350 Applied Music (1)

Individual instruction in performance and composition. Total credit limited to 6 units. The Schedule of Classes will list topic selected. Prerequisite: Consent of instructor.

MU 351 Jazz and Popular Music Arranging (2)

Arranging for small and large jazz ensembles. Score and part preparation. 2 activities. Prerequisite: MU 105.

MU 352 Orchestration (4)

Ranges, transposition, technical capabilities, and scoring of vocal ensembles, band, and orchestra instruments. Creative project. 3 lectures, 1 activity. Prerequisite: MU 105.

MU 360 Music for Classroom Teachers (4)

Development of skills for fostering creative music experiences in the classroom. Exploration of various approaches to motivating children musically. Study of folk songs for singing, playing instruments, and learning about music as well as for their ethnic and cultural significance. 3 lectures, 1 activity. Prerequisite: MU 100 or MU 101.

MU 361 Instruments (1)

Fundamentals of playing and teaching woodwind, brass, string, and percussion instruments. The Schedule of Classes will list topic selected. Total credit limited to 6 units. 1 activity. Prerequisite: Junior standing and consent of instructor.

MU 365 Music in the Elementary School (4)

Study and application of Orff, Dalcroze, Kodály, Manhattanville, and Suzuki. Philosophy, objectives and methodologies for implementing an effective school music program. Includes fieldwork. 3 lectures, 1 activity. Prerequisite: MU 105; junior standing.

MU 366 Piano Pedagogy (2)

Survey of elementary, intermediate and advanced teaching methods and literature; private and group instruction; studio policies. 2 activities. Prerequisite: MU 105 or consent of instructor.

MU 368 Piano Accompanying (1)

Preparation and performance of vocal and instrumental music written with piano accompaniment. Choral rehearsal accompanist techniques. Open to students who are proficient on piano at a collegiate level. Total credit limited to 6 units. 1 activity. Prerequisite: Junior standing and MU 168 or consent of instructor.

MU 370 University Jazz Band (1)

Study and public performance of music written for big band jazz. Limited to those who have had considerable experience playing musical instruments. The band performs concerts on campus and makes at least one tour annually. Total credit limited to 6 units. 1 laboratory. Prerequisite: Junior standing and consent of instructor.

MU 371 Instrumental Ensemble (1)

Open to qualified musicians. Rehearsal and public performance in large and small ensembles. The Schedule of Classes will list topic selected. Total credit limited to 6 units. 1 activity. Prerequisite: Junior standing and consent of instructor.

MU 372 Wind Orchestra (1)

Study and public performance of music written for large wind band. Open to all qualified students who perform on woodwind, brass and percussion instruments. The Schedule of Classes will list topic selected. Total credit limited to 6 units. 1 laboratory. Prerequisite: Junior standing and consent of instructor.

MU 373 Wind Ensemble (1)

Study and public performance of music written for wind band with limited doubling and flexible instrumentation. Open to all students who perform on woodwind, brass and percussion instruments on an advanced collegiate level. Total credit limited to 6 units. 1 laboratory. Prerequisite: Junior standing and consent of instructor.

MU 374 Symphony Orchestra (1)

Preparation and performance of orchestral music including both the standard repertoire and rarely performed works. Open to all qualified students. Total credit limited to 6 units. 1 laboratory. Prerequisite: Junior standing and consent of instructor, based on audition.

MU 375 Contemporary Music Ensemble (1)

Open to all instrumentalists who are interested in performing recent classical literature. Total credit limited to 6 units. 1 activity. Prerequisite: Junior standing; by audition or consent of instructor.

MU 376 Mustang Band (1)

Public performance of music and specially-designed shows written for marching band (woodwinds, brass, percussion, and flag team auxiliary). Limited to those students who have had marching experience with wind and percussion instruments, or flag, rifle or dance lines. Total credit limited to 6 units. 1 laboratory. Prerequisite: Junior standing and consent of instructor.

MU 377 Chamber Winds (1)

Study and public performance of music written for small wind ensembles (10 to 20 players). Open to all students who perform woodwind, brass and percussion instruments on an advanced collegiate level. Total credit limited to 6 units. 1 activity. Prerequisite: Consent of instructor; junior standing.

MU 378 Field Show Marching Skills (1)

Study and application of advanced field show marching techniques used in performance by the Cal Poly Mustang Band and other university bands. Limited to those students who have experience performing on a wind/percussion instrument, or in a marching band flag/dance team auxiliary. Total credit limited to 6 units. 1 activity. Prerequisite: MU 178 or consent of instructor.

MU 381 PolyPhonics (1)

Study and public performance of music for mixed voices. Total credit limited to 6 units. 1 laboratory. Prerequisite: Junior standing and consent of instructor.

MU 383 Vocal Ensemble (1)

Open to qualified singers. Rehearsal and performance of specialized vocal music. Total credit limited to 6 units. 1 activity. Prerequisite: Junior standing and consent of instructor.

MU 384 Music Production Workshop (2)

Preparation of a musical theatre production for public presentation, including acting and stage management. Total credit limited to 6 units. 2 laboratories. Prerequisite: Junior standing and by audition, or consent of instructor.

MU 385 University Singers (1)

Study and public performance of music for large mixed chorus. Total credit limited to 6 units. 1 laboratory. Prerequisite: Junior standing and consent of instructor.

MU 386 Early Music Ensemble (1)

Study and public performance of vocal and instrumental music from 1200 to 1750. Total credit limited to 6 units. 1 laboratory. Prerequisite: Consent of instructor; junior standing.

MU 387 Vocal Jazz Ensemble (1)

Study and performance of vocal jazz, including ensemble performance as well as solo performance and improvisation. Total credit limited to 6 units. 1 laboratory. Prerequisite: Junior standing and consent of instructor.

MU 388 Arab Music Ensemble (1)

Rehearsal and performance of instrumental and vocal repertoire drawn from art and popular music of wide-ranging Arabic-speaking societies and historically related cultures. Accompanying music theories, instrumental techniques, and performance practices, with presentation of seminal works in public concerts. Total credit limited to 6 units. 1 laboratory. Prerequisite: MU 188 or consent of instructor.

MU 389 Vocal Practicum (1)

Study and implementation of performing techniques used by vocalists in a recital or concert setting. Total credit limited to 6 units. 1 activity. Prerequisite: MU 150, MU 250, MU 350 or MU 450, or consent of instructor.

MU 400 Special Problems for Advanced Undergraduates (1-2)

Individual investigation, research, studies, or surveys of selected problems. Total credit limited to 4 units, with a maximum of 2 units per quarter. Prerequisite: Junior standing and consent of department head.

MU 411 Sound Design: Synthesis (4)

Compositional application of sound synthesis techniques. Realization of computer music. Creative projects. 3 lectures, 1 activity. Prerequisite: MU 312.

MU 412 Sound Design: Composition and Production (4)

Production of electroacoustic music in media. Program analysis, technical planning, composition, and product development. 3 lectures, 1 activity. Prerequisite: MU 312.

MU 431 Music of the Classic and Romantic Eras (4)

Survey of the history of western art music from 1780 to 1900. 4 lectures. Prerequisite: MU 303 and MU 320; Recommended: MU 120; or consent of instructor.

MU 432 Music of the Modern Era (4)

Composers, important works, and significant trends in the Western European and American classical tradition during the 20th and 21st Centuries. 4 lectures. Prerequisite: MU 303 and MU 320. Recommended: MU 305; or consent of instructor.

MU 449 Applied Study/Technique (1)

Individual instruction in performance with emphasis on the technical skills needed for the performance of repertoire. Total credit limited to 3 units. The Schedule of Classes will list topic selected. Prerequisite: Consent of instructor.

MU 450 Applied Music (1)

Individual instruction in performance and composition. Total credit limited to 6 units. The Schedule of Classes will list topic selected. Prerequisite: Consent of instructor.

MU 461 Senior Project (3)

Selection and completion of a project under faculty supervision. Minimum of 90 hours total time. Results presented in a recital, creative work, formal report, or a combination of all three. Prerequisite: Senior standing and consent of department head.

MU 465 Choral Literature and Rehearsal Techniques (4)

Survey of choral literature especially suited for secondary schools. Philosophy and strategy for developing a school program. Musical as well as non-musical

techniques for effective rehearsal. 3 lectures, 1 activity. Prerequisite: MU 341, or consent of instructor.

MU 466 Instrumental Literature and Rehearsal Techniques (4)

Survey of instrumental literature especially suited for secondary schools. Philosophy and strategy for developing a school program. Musical as well as non-musical techniques for effective rehearsal. 3 seminars, 1 activity. Prerequisite: MU 342, or consent of instructor.

MU 470 Music History: Selected Advanced Topics (4)

Intensive study of selected topics in music history through the use of readings, recordings, scores, and class presentations. The Schedule of Classes will list title selected. Total credit limited to 8 units. 3 lectures, 1 activity. Prerequisite: MU 331, MU 332, MU 431, MU 432, or consent of instructor.