

The Department

A major in music is designed to prepare students for careers in teaching, performance, or music-related fields. It enhances their knowledge of the musical art and increases their sensitivity to the musical world around them.

The Department of Music provides the following:

- undergraduate instruction in music for those planning professional careers as performers, composers, and studio teachers, as well as those preparing for advanced degrees in performance and composition
- state-approved subject matter preparation required for a California teaching credential in music
- graduate education for students planning professional and academic careers or seeking professional growth as K-12 teachers or junior college instructors
- broad acquaintance with music for the community and nonmusic major

Two degree programs accredited by the National Association of Schools of Music are offered: the Bachelor of Arts and the Master of Arts.

Faculty and Facilities

The Department of Music faculty has backgrounds in varied areas of specialization. Many members of the faculty have national and international reputations as performing artists and teachers. Others are well known for their scholarly research, articles, and books. They are all dedicated to providing students with the best music education possible both in their classes and studios.

The music building houses recital and concert facilities, rehearsal halls, classrooms, faculty studios, offices, and student practice rooms. The building also contains recording studios, computer labs, MIDI and electronic music labs, and a tracker-action organ.

Career Opportunities

While many graduates have made successful careers as professional music performers or composers, the majority have pursued careers as music teachers in elementary and secondary schools. Those who complete master's degrees have either advanced in public school careers or have gone on to further study and careers as teachers in higher education.



Music majors and minors have also found satisfying careers in the music industry as sales representatives, instrument technicians, recording technicians, artist representatives, and artist managers. Churches employ organists and choir directors, many on a full-time basis. Early childhood teachers and those in recreation related careers also benefit from expertise in music.

Faculty

Thomas N. Hiebert, *Chair*
 Tim Anderson
 M. Teresa Beaman
 Benjamin Boone
 Michael Caldwell
 Matthew H. Darling
 Kenneth Froelich
 Gary P. Gilroy
 Anna Hamre
 Donald Henriques
 Miles M. Ishigaki
 Helene Joseph-Weil
 John Karr
 Thomas Loewenheim
 Tony Mowrer
 Anthony Radford
 Andreas Werz
 Todd Westervelt
 Corey Whitehead

College of Arts and Humanities

Department of Music

Thomas N. Hiebert, *Chair*
 Music Building, Room 134
 559.278.2654

B.A. in Music

Options:

- Music as a Liberal Art
- Music Education
- Instrumental Performance
- Vocal Performance
- Composition
- Instrumental Jazz Performance

M.A. in Music

Options:

- Music Education
- Performance

Minor in Music

Interdisciplinary Minor in Media Arts

Single Subject Teaching Credential

Certificate of Special Study in Music Performance

Bachelor of Arts Degree Requirements Music Major

Each student seeking a Bachelor of Arts degree with a major in music must fulfill the *Basic Core Requirements* and all requirements listed under the music degree option which is the student's major field of study. Students must also fulfill the university's *General Education Requirements* (51 units), including remaining music degree requirements (e.g. it is strongly recommended that vocal performance majors pass two semesters of university-level foreign language study in either French, German, or Italian) and *Other Departmental Requirements* to complete the B.A. (minimum 120 units). Each music major must consult with a designated music faculty adviser each semester before they may enroll in music classes.

Please note: Entrance examinations in music theory and aural skills and auditions in the declared performing medium are required of all freshmen and transfer music

Music Major

Units

Major requirements63-78

Core.....24
(required of all music majors regardless of option)

- MUSIC 1A, 1B, 40, 41, 42, 43, 58, 81, 161A, 161B (24)
- MUSIC 20 - Convocation (8 semesters)

Options39-54

- I. Music as a Liberal Art (39)
- II. Music Education..... (49-54)
- III. Instrumental Performance (47-49)
- IV. Vocal Performance... (49)
- V. Composition (45-49)
- VI. Instrumental Jazz Performance (44-46)

Additional requirements 6

(Option I only)

General Education requirements 51*
120-129

*No General Education Integration course offered by the Music Department may be used to satisfy the General Education requirements for majors in the department.

Degree Options

I. Music as a Liberal Art

Units

- MUSIC 4A, 4B, and 4C until Piano Proficiency Exam is passed¹ **6**
- MUSIC 144..... **3**
- Select from MUSIC 140T, 141, 142, 148 (max 3), 150A, 160T (max 6), 170A, 170B, 171, 187, 190/191 (max 6) **15**
- Four semesters in MUSIC 103 appropriate to major emphasis² **4**
- Four semesters in MUSIC 31/131 through 39/139 **4**
- Other music electives (with adviser's approval)..... **5**
- Senior Project or Recital (to be developed in consultation with the adviser).....**2**
39

Additional Requirements

Approved electives from outside the Music Department (consult adviser) **6**

Credential Program

This is a state-approved subject matter preparation program for the **Single Subject Teaching Credential** authorizing students to teach music in grades K-12.

Note: Credential requirements are subject to change by state regulation. The catalog may not reflect the latest requirements. Consult the department's credential adviser to ensure complete compliance with state regulations. Also consult the Kremen School of Education and Human Development regarding the 33 units of professional education necessary for completion of the Single Subject Teaching Credential.

II. Music Education

The following 44-48 units are required of all music education majors regardless of emphasis.

Units

- MUSIC 4A, 4B, and 4C until Piano Proficiency Exam is passed¹ **2-6**
- MUSIC 50, 119, 122A, 124A, 126, 127A, 154, 169, 182 **16**
- MUSIC 121 **4**
- MUSIC 158A or B **2**
- Eight semesters in MUSIC 103 appropriate to music education emphasis (see note 2) **8**
- Eight semesters in MUSIC 31/131 through 39/139 including two semesters with advanced standing (see note 3).... **8**
- MUSIC 198 (Senior Recital)..... **1**
- MUSIC 171 **3**
44-48

Select one of the following Music Education emphases:

Choral/Vocal Music Education Emphasis
MUSIC 179, 179L, 185A **5**

General Music Education Emphasis
MUSIC 115, 179, 179L..... **5**
Select one from MUSIC 102CC, 102GC, 102MC, 102CS, 102WC, 103CC..... **1***

*Vocal ensemble will count as major ensemble for one semester.

Instrumental Music Education Emphasis
MUSIC 103MB (Marching Band) **2**
MUSIC 159 **2**
Select one from MUSIC 102CC, 102GC, 102MC, 102CS, 102WC, 103CC.....**1**
5

See next page for footnotes.

III. Instrumental Performance

Units

- MUSIC 4A, 4B, and 4C until Piano Proficiency Exam is passed¹ [Keyboard students: MUSIC 14 and 114]..... **4-6**
- MUSIC 144..... **3**
- MUSIC 31/131 through MUSIC 38/138 (four semesters with advanced standing)³ **8**
- Select from MUSIC 140T, 141, 142, 148, 150A, 160T, 170A, 170B, 171, 186, 187 **9**
- Additional units in pedagogy, literature, or performance courses (not including MUSIC 31-38) [For keyboard students: MUSIC 166 and 167. For all other instrumentalists: MUSIC 175T] **4**
- Eight semesters in MUSIC 103 appropriate to major **8**
If MUSIC 198 has not been completed by the end of the eight semesters, the student will continue in MUSIC 103 until the completion of MUSIC 198.
- Other music electives (with adviser's approval) **9**
- MUSIC 198 (Senior Recital)..... **2**
47-49

IV. Vocal Performance

Units

- MUSIC 4A, 4B, and 4C until Piano Proficiency Exam is passed¹ **6**
- MUSIC 144..... **3**
- MUSIC 39 and 139 (four semesters with advanced standing)³ **8**
- MUSIC 113..... **2**
- MUSIC 158B **2**
- MUSIC 172..... **2**
- MUSIC 185A and B **4**
- Select from MUSIC 140T, 141, 142, 148, 150A, 160T, 170A, 170B, 171, 186, 187 **8**
- Eight semesters in MUSIC 103 appropriate to major **8**
If MUSIC 198 has not been completed by the end of the eight semesters, the student will continue in MUSIC 103 until the completion of MUSIC 198.
- Foreign Language **4**
- MUSIC 198 (Senior Recital)..... **2**
49

V. Composition

Units

MUSIC 4A, 4B, and 4C until Piano Proficiency Exam is passed¹ **2-6**
 MUSIC 43 and 144 **6**
 MUSIC 47 **2**
 MUSIC 48 **4**
 MUSIC 148 **5**
 MUSIC 31/131 through 39/139 **4**
 MUSIC 141 or 142 **3**
 MUSIC 183 and 184 **6**
 Select from MUSIC 140T, 141, 142, 150A, 158A, 158B, 160T, 170A, 170B, 171, 186, 187 **3**
 Four semesters in MUSIC 103 appropriate to declared performing medium (instrument or voice) **4**
 Elect from MUSIC 102, 117, 118 **4**
 MUSIC 198 (Senior Recital) **2**
45-49

VI. Instrumental Jazz Performance

Units

MUSIC 4A, 4B, and 4C until Piano Proficiency Exam is passed¹ [Keyboard students: MUSIC 14 and 114] **4-6**
 MUSIC 144 **3**
 MUSIC 31 through MUSIC 38 **4**
 MUSIC 131J through MUSIC 138J (must complete Jury II in jazz by the end of the second unit) **4**
 MUSIC 162 **2**
 MUSIC 163 **3**
 MUSIC 164 **3**
 MUSIC 165 **3**
 Four semesters in MUSIC 103 **4**
 Four semesters in MUSIC 102JEA or 102JEB **4**
 Other music electives (with adviser's approval) **8**
 MUSIC 198 (Senior Recital) **2**
44-46

Other Departmental Requirements

- Undergraduate music majors must select a degree option from the following: *Music as a Liberal Art*; *Music Education: Choral*, *General* or *Instrumental Em-*

1 MUSIC 4A, 4B, and 4C may be waived by passing the designated Piano Proficiency Exam. Pianists must substitute MUSIC 14 and 114 for MUSIC 4A, 4B, and 4C. Successful completion of MUSIC 14 and 114 satisfies piano proficiency requirement for piano students. (See *Department of Music Undergraduate Student Handbook* for details. Students for whom any of these courses are waived should fulfill the minimum unit requirements with elective courses.)
 2 See *Other Departmental Requirements*.
 3 Advanced standing designation is granted after passing Jury II.

phasis; Instrumental Performance; Vocal Performance; or Composition. Note: All students majoring in music are automatically enrolled in *Music as a Liberal Art* until they have been officially admitted to another degree option. All entering students (freshmen and transfer) must take a diagnostic examination in music theory. Other degree options have audition or other admission requirements which must be fulfilled before a student is officially recognized as enrolled in that option.

- Music education and performance degree options require students to declare a primary concentration (e.g. an instrument or voice).
- At the close of their first year of residence, students must pass the Jury I examination in their declared area of concentration before being permitted to continue their major.
- Students majoring in music must enroll in a piano class (MUSIC 4A-4C) until the departmental piano proficiency examination has been passed. (See *Department of Music Undergraduate Student Handbook* for details.)
- Passing of the piano proficiency examination and successful completion of MUSIC 1B are required before attempting Jury II.
- Jury II must be passed for advanced standing for students enrolled in the Music Education, Vocal Performance, Instrumental Performance, and Composition options. Jury II is not required of students enrolled in the Music as a Liberal Art Option. Students are allowed two attempts, taken in consecutive semesters, to pass Jury II. Failure to pass a second attempt will result in the student being dropped from the Music Education, Vocal Performance, Instrumental Performance, and Composition options. These students may continue the major in the Music as a Liberal Art option.
- Guitar, piano, or composition students who select the Music Education: Instrumental emphasis must pass the Level II Jury Exam in violin, viola, cello, contrabass, clarinet, flute, saxophone, oboe, bassoon, trumpet, trombone, horn, tuba, or percussion. Guitar, piano, or composition students who select the Music Education: Choral emphasis must pass the Level II Jury Exam in voice.
- Music Education Option students must pass a conducting proficiency examination after completion of MUSIC 158.

Passing MUSIC 158 does not constitute passing the proficiency examination.

- Students in MUSIC 31 and 131 through 39 and 139 (private studio instruction) will perform in student recitals when assigned by their instructor.
- Guitar and piano students will fulfill 50 percent of the major ensemble requirement by enrolling in Guitar Ensemble, Keyboard Ensemble, Chamber Music Ensemble, Music Accompanying, or MUSIC 130T (as specified by their studio instructor). The remaining 50 percent must be fulfilled by enrolling in either Orchestra, Wind Ensemble, Symphonic Band, Concert Choir, or Marching Band.
- Students must pass each course in the 24-unit music core and MUSIC 4A, B, and C with a grade of C or better or CR.
- Vocal performance majors must take two consecutive semesters of the same foreign language approved by the vocal instructor. One course can be used for G.E. credit where applicable.

Music Minor

The minor in Music is reserved for students pursuing a degree in a field other than music. Courses taken for the minor may count toward fulfilling General Education requirements but will not count toward fulfilling a music major. The minor requires completion of 20 units of music courses with a minimum of a 2.0 GPA. At least 7 upper-division units must be completed in residence. The program must be approved by the department minor adviser. Music minors must pass the Jury I examination in their declared area of concentration (composition, instrument, or voice) by the completion of the fourth unit of studio instruction.

Units

Required **9**
 MUSIC 40; 41; 74, or 1A and one of 47, 58, or 81
Studio Instruction **4**
 Choose one of the following: MUSIC 31, 32, 33, 34, 35, 36, 37, 38, 48
If a voice minor, choose 39 or 110 or a combination of the two, upon recommendation of voice faculty.
Performance **4**
 Choose from the following: MUSIC 102, 103, 117, 118
(Ensembles taken for credit must be approved by the minor adviser and studio teacher.)

Music

Elective	3
Choose one of the following: MUSIC 160T, 161A, 161B, 170A, 170B, 171, 187	
Total	20

Interdisciplinary Minor in Media Arts

The Minor in Media Arts is primarily designed for students pursuing degrees in art and design, mass communication and journalism, or music. *See page 148.*

Certificate of Special Study in Music Performance

The Certificate of Special Study in Music Performance is intended for those persons who wish to study an instrument or voice without matriculating for a degree. A candidate for the certificate program should be qualified for advanced standing (Jury II competency) in his or her specialty prior to admission. Admission to the program requires the consent of both the major professor and the chair of the department.

The certificate program will comprise a minimum of 12 units of upper-division work, to be structured on an individual basis with the approval of both the major professor and the chair of the department. The individual program, along with the requisite approvals, will be in writing and kept on file in the department.

The general requirements for the certificate program:

- instruction in the student's major voice or instrument during each semester of residence
- at least one course in music theory or history
- at least one ensemble course, appropriate to the student's area of specialization, for each semester of study

Graduate Program

The Master of Arts degree program in music is designed to increase the candidate's professional competence, to increase the ability for continued self-directed study, and to provide opportunity for greater depth in the chosen area of concentration within the field of music.

Foreign students must have achieved a minimum TOEFL score of 600 to gain entrance to the program.

With permission of the studio teacher, students with TOEFL scores between 550 and 600 may be considered for admission.

Master of Arts Degree Requirements

(See also *Admission to Graduate Standing, Advancement to Candidacy, Program Requirements, and Criteria for Thesis and Project.*)

The Master of Arts degree program in music requires a bachelor's degree in music or the equivalent.

All entering M.A. students must take diagnostic entrance examinations in music history and music theory. Where needed, remedial work may be required prior to graduate study. An audition and/or entrance interview is also required.

Under the direction of graduate advisers, each student prepares and submits a coherent program individually designed within the following framework:

Courses in music, including at least 21 units in 200-series

Graduate Writing Skills Requirement

Before advancing to candidacy, students must pass the graduate writing requirement. The graduate writing requirement is a component of MUSIC 220. Students who pass all components of MUSIC 220 except the writing requirement will undertake a developmental writing program until the standards are met. The standards for the graduate writing requirement are included in the course materials for MUSIC 220.

Units

Specific requirements	11
MUSIC 204, 220, 1 music history or theory seminar (MUSIC 240T, 260T, 267, 277), and MUSIC 211 or another performance class by advisement	
Option (select one)	9-12
• Music Education	
• Performance	
Electives	4-7
Courses in music, or related fields, in a subject other than music (consult adviser)	
Project or thesis	3
Total	30

Students in the performance option who elect emphases in vocal performance and choral conducting must satisfy foreign language requirements in French, German, or Italian (see area adviser). Courses in addition to those in the M.A. requirements may be specified after examination of the student's record and the student's performance on the diagnostic entrance examination. A maximum of 4 units in MUSIC 102 taken after completion of the B.A. may be applied to the M.A. A written qualifying examination is required for admission to project or thesis.

COURSES Music (MUSIC)

Performing Organizations

All performing organization courses may be repeated for credit and are open to both lower-division and upper-division students. Courses involve the technical and stylistic rehearsal and study of musical literature recognized for its quality and aesthetic value. Participation is required in all rehearsals and performances of the performing organizations for which student is registered.

MUSIC 102. Minor Ensembles (1; repeatable for credit)

Study and performance of literature for brass (BE), community chorus (CC), chamber singers (CS), flute ensemble (FE), gospel choir (GC) guitar (GE), jazz "A" (JEA), jazz "B" (JEB), men's chorus (MC), contemporary music (CME), basketball pep band (PB), percussion (PE), string (SE), women's chorus (WC), and woodwind (WWE). For MUSIC 102GC, see AAIS 21/121.

MUSIC 103. Major Ensembles (1; repeatable for credit)

Study and performance of choral and/or instrumental literature appropriate for large ensembles such as concert choir (CC), orchestra (O), wind ensemble (WE), marching band (MB), and symphonic band (SB).

MUSIC 117. Specialty Ensemble (1; repeatable for credit)

Study and performance of literature appropriate for non-conducted ensembles such as Bulldog Beat (BB), Scholarship Brass Quintet (BQ), Chamber Music (CM), Keyboard Ensemble (KE), and President's Quintet (PQ).

MUSIC 118. Instrumental/Vocal Workshops (1; repeatable for credit)

Study and performance of music literature appropriate for groups such as band workshop (BW), opera workshop (OW), opera production (OPR), percussion workshop (PW), and vocal workshop (VW).

Instrumental, Vocal, and Composition Lessons

MUSIC 31 and 131 through 39 and 139 include technical, stylistic, and aesthetic performance studies of standard literature: etudes, solo, chamber, and large ensemble music. All music majors (except students enrolled in the Music as a Liberal Art Option) are required to enroll in a declared performing medium until completion of senior recital. Concurrent enrollment in appropriate major ensemble required. Passing Jury II required to enroll in MUSIC 131 through 139. MUSIC 148 includes individual instruction in original composition in a variety of media, forms, and styles. All courses are repeatable for credit. (All courses require a \$20 course fee.)

MUSIC 31/131. Brass
(1; max total 16)

MUSIC 32/132. Percussion
(1; max total 16)

MUSIC 33/133. Strings
(1; max total 16)

MUSIC 34/134. Piano
(1; max total 16)

MUSIC 35/135. Woodwinds
(1; max total 16)

MUSIC 38/138. Organ
(1; max total 16)

MUSIC 39/139. Voice
(1; max total 16)

MUSIC 148. Composition
(1; max total 10)

Prerequisite: two semesters of MUSIC 48 and successful completion of Jury I. Includes individual instruction in original composition in a variety of media, forms, and styles.

Other Music Courses

MUSIC 1A. Ear Training and Sight Singing I (1; max total 2, repeatable for credit)

Basic drill in the singing and recognition of intervals, scales, and diatonic melodies, in treble, bass, alto, and tenor clefs. Dictation of diatonic melodies and counterpoint in first and second species. Use of computer music programs. (Course fee, \$15)

MUSIC 1B. Ear Training and Sight Singing II (1; max total 2, repeatable for credit)

Prerequisite: MUSIC 1A. Extension of melodic sight singing and dictation to include chromatic passing tones and more complex rhythms. Drill in the singing and recognition of the basic varieties of triads and seventh chords. Harmonic dictation; recognition of basic chord patterns and cadences. Use of computer music programs. (Course fee, \$15)

MUSIC 4A. Piano Class I
(2; repeatable for credit)

Music majors and minors only. Playing skills and techniques necessary to prepare for the piano proficiency examination required of all music majors. (Course fee, \$20)

MUSIC 4B. Piano Class II
(2; repeatable for credit)

Prerequisite: MUSIC 4A. Playing skills and techniques necessary to prepare for the piano proficiency examination required of all music majors. Continuation of MUSIC 4A. (Course fee, \$20)

MUSIC 4C. Piano Class III
(2; repeatable for credit)

Prerequisite: MUSIC 4B. Playing skills and techniques necessary to prepare for the piano

proficiency examination required of all music majors. Continuation of MUSIC 4B. Continuing enrollment in MUSIC 4C is required until the piano proficiency exam is passed. Letter grading only. (Course fee, \$20)

MUSIC 9. Introduction to Music (3)

Not recommended for music majors. Music theory and aesthetics for the general student. Notation of pitch and rhythm. Reading, playing, and writing melodies with chordal accompaniments. Introduction to computer applications. (Course fee, \$20 for piano sections only) G.E. Breadth C1.

MUSIC 11. Intermediate Guitar Technique (2)

Introduction to classical guitar, major, minor, and chromatic scales, chord progression, and beginning classical guitar selections.

MUSIC 12. Flamenco Interpretation (2)

Introduction to basic flamenco guitar techniques; rasgueados, picados, tremolos, basic rhythms, studies and interpretation of flamenco repertoire.

MUSIC 14. Accompanying I (2)

Prerequisite: Jury I. Designed to give the piano student accompanying experience that systematically develops proficiency in skills useful to the accompanist, chamber musician, or school music teacher. Skills include sight-reading, transposing, harmonizing, open-score reading, and "quick study."

MUSIC 20. Convocation (0)

Department student recitals, advising, and enrichment. Required of all music majors each semester they are registered for classes until the senior recital is completed. *CR/NC* grading only.

MUSIC 40. Theory and Literature I (3)

Prerequisite: MUSIC 9 or the ability to read music. Fundamentals of music: notation, scales, intervals, keys, triads, concepts of mode and meter, principles of melody writing, and species counterpoint in two voices. Analysis of appropriate examples from musical literature. Use of music notation software. (Course fee, \$15) F

MUSIC 41. Theory and Literature II (3)

Prerequisite: MUSIC 40. Figured bass and principles of voice leading. Four-part writing in choral and keyboard style. Functional harmony, seventh chords, and secondary function chords. Harmonization of melodies. Principles of form in Western art music. Analysis of representative musical literature. Use of music notation software. S

MUSIC 42. Theory and Literature III (3)

Prerequisite: MUSIC 41. Continuation of figured bass and part writing, emphasizing chromaticism, altered chords, and extended tonality. More advanced musical forms. Study

of representative musical examples. Use of music notation software. F

MUSIC 43. Theory and Literature IV (3)

Prerequisite: MUSIC 42. Non-tonal harmony (e.g. quartal, pandiatonic). Introduction to set theory and basic twelve-tone technique. Jazz harmony and principles of improvisation. Survey of representative compositions of the twentieth century with respect to style and structure. Use of music notation software. S

MUSIC 47. Introduction to Music Technology (2)

Prerequisite: MUSIC 9 or permission of instructor. Principles, uses, techniques, and applications of music technology. Experience with current hardware and software for music notation, sequencing, and synthesis, as well as digital recording and editing.

MUSIC 48. Seminar in Composition
(2; max total 6)

Prerequisite: MUSIC 47 (may be taken concurrently with permission of instructor). Aural-analytic introduction to study of origins and developments of major compositional concepts and genres in Western music; exercises and creative writing; problems of concepts in notation.

MUSIC 50. Introduction to Music Teaching and Learning (3)

Prerequisite: MUSIC 40. Orientation to role of music teacher in public schools. Observation of teacher-pupil interaction, instructional approaches, and classroom management in elementary through secondary schools. Two-hour lecture weekly, plus two-hour school site observation weekly, not including travel.

MUSIC 58. Basic Conducting (2)

Prerequisite: MUSIC 41. Fundamentals of conducting and score-reading; standard patterns and stick technique.

MUSIC 60T. Topics in Music
(1-3; max total 6; repeatable for credit)

Special studies in ethnomusicology or music appreciation, business, education, history, literature, theory, or technology.

MUSIC 74. Listener's Guide to Music (3)

Exploration of a wide range of musical styles (past, present, classical, and popular) through guided practical experiences and the development of an aesthetic sensitivity for music of various cultures. G.E. Breadth C1.

MUSIC 81. Basic Improvisation (2)

Prerequisites: MUSIC 4B, 41. Beginning course in improvisation. Using the student's principal instrument or voice and the keyboard, students improvise musical material beginning with I-IV-V-I progressions (up to three flats and three sharps) and in the basic 12-bar blues (in B flat, F, and C).

MUSIC 110. Voice for Non-Music Majors (1; repeatable for credit)

Acquaints the non-music major with basic principles of good singing; applies principles of good singing to different song styles; and helps the non-music major voice student develop and strengthen performing skills.

MUSIC 111. Advanced Guitar Technique (2)

Advanced studies in classical guitar works, diatonic major and minor scales, chord progression, and interpretation of classical guitar repertoire.

MUSIC 112. Advanced Flamenco Interpretation (2)

Special studies in flamenco guitar interpretation including advanced techniques, traditional rhythms, improvisations, and analysis of music, songs and dance. For majors and non-majors.

MUSIC 113. Vocal Pedagogy (2)

Open to upper-division vocal performance majors only. Prerequisites: passing of Jury II, all lower-division music core courses, as well as at least one semester of music history, MUSIC 161A or 161B. Principles, teaching procedures, materials, and physiology of the voice, and historical background for teaching solo and group lessons.

MUSIC 114. Accompanying II (2)

Prerequisite: MUSIC 14. Student will perform regularly, accompanying one or more soloists or groups throughout the semester by assignment. In addition, there will be readings and exercises to further develop skills studied in MUSIC 14.

MUSIC 115. Intermediate Guitar for Classroom Teachers (2)

Continued development of guitar skills for the general music teacher. Intermediate group instruction on the acoustic guitar with focus on techniques and materials appropriate for accompanying classroom music. Topics include chord structures, strumming, picking style, and fingering techniques.

MUSIC 119. Voice Techniques and Materials (1)

Prerequisite: MUSIC 41. Principles, playing and teaching procedures, and materials for teaching voice in the elementary school, high school, and community college. (Course fee, \$20)

MUSIC 120. Class Piano Techniques and Materials (1)

Prerequisites: MUSIC 41, passed piano proficiency. Study of techniques and materials appropriate for teaching class piano to beginners in elementary school, middle school, high school, and community college music classrooms.

MUSIC 121. Instrumental Techniques and Materials Workshop (1; repeatable for credit)

Prerequisites: MUSIC 50, 58, 119. Concurrent enrollment in MUSIC 122A, 124A, 126, or 127A. Application of performance and teaching techniques studied in prerequisite courses as well as those being learned in concurrent enrollment courses. *CR/NC* grading only.

MUSIC 122A. String Techniques and Materials (1)

Prerequisite: MUSIC 41. Concurrent enrollment in MUSIC 121. Principles and physics of stringed instruments; playing procedures and materials for teaching beginning string students from elementary school through community college. (Course fee, \$20)

MUSIC 124A. Woodwind Techniques and Materials (1)

Prerequisite: MUSIC 41. Concurrent enrollment in MUSIC 121. Principles and physics (including common transpositions) of woodwind instruments; playing procedures and materials for teaching beginning woodwind students from elementary school through community college. (Course fee, \$20)

MUSIC 126. Percussion Techniques and Materials (1)

Prerequisite: MUSIC 41; concurrent enrollment in MUSIC 121. Principles, playing and teaching procedures, and materials for teaching percussion instruments in the elementary school, high school, and community college. (Course fee, \$20)

MUSIC 127A. Brass Techniques and Materials (1)

Prerequisite: MUSIC 41. Concurrent enrollment in MUSIC 121. Principles and physics (including common transpositions) of brass instruments; playing procedures and materials for teaching beginning brass students from elementary school through community college. (Course fee, \$20)

MUSIC 129. Reed Making (1)

Required for oboe and bassoon players. Individual or group supervision in all aspects of the art of reed making. Repeatable for credit until such time as student and professor mutually agree that supervision is no longer necessary. *CR/NC* grading only.

MUSIC 130T. Topics in Performance (2; max total 12; repeatable for credit)

Special studies in vocal or instrumental music, including topics such as accompanying, electronic instruments, mixed chamber music.

MUSIC 140T. Topics in Theory (3; max total 9; repeatable for credit)

Prerequisite: MUSIC 43. Analytical study of specific composers, genres, styles, and diverse approaches to music theory.

MUSIC 141. Seminar in Modal Counterpoint (3)

Prerequisite: MUSIC 43. Polyphony of the 15th and 16th centuries; analysis and composition of melodic lines, simple counterpoint, types of imitation; writing motets with text in two or more parts.

MUSIC 142. Seminar in Canon and Fugue (3)

Prerequisite: MUSIC 42. Polyphony of the 17th and 18th centuries; analysis and composition of melodic lines, imitative, strict and invertible counterpoint, canon, and fugue.

MUSIC 144. Form and Analysis (3)

Prerequisite: MUSIC 42. Principles of musical form and analysis as applied to musical repertoire. Includes an introduction to the Schenker method of music analysis and review of chromatic harmony as necessary.

MUSIC 147. Digital Music Production (3)

Prerequisite: MUSIC 9 and 47 or permission of instructor. Lecture and discussion on digital audio design for various forms of media. Practical experience designing and producing audio and music in a digital format.

MUSIC 150A. Seminar in Electronic Music I (3)

Prerequisites: MUSIC 41 and permission of instructor. A survey of the history and literature of electronic music. A systematic introduction to basic analog synthesis, and instruction in the techniques of studio recording and editing.

MUSIC 153. Children's Music (3)

Open to nonmajors only. Introduction to song literature and singing games suitable for children. Development of in-tune singing, ear training, and sight-singing skills.

MUSIC 154. Music for the Elementary Classroom (3)

Music majors only. Prerequisites: MUSIC 41, passed piano proficiency. Song literature, musical games, and basic skills for the recorder and guitar appropriate for use in the elementary music classroom. Course content derived from the folk music and musical contributions of world cultures.

MUSIC 155. Advanced Elementary Classroom Techniques (3)

Prerequisite: MUSIC 153 for students not majoring in music. Individual research on the place and functions of music in preschool and elementary school curriculum; selection, discussion, and analysis of musical materials including state texts; planning activities that enable children to develop aesthetic sensitivity, musical skills, and understanding.

MUSIC 158A. Advanced Instrumental Conducting (2; max total 4)
Prerequisite: MUSIC 58. Advanced instrumental conducting and score reading; rehearsal techniques; problems in tempo, balance, style, and phrasing; mixed meters and other contemporary problems. Assigned projects in conducting.

MUSIC 158B. Advanced Choral Conducting (2; max total 4)
Prerequisite: MUSIC 58. Advanced choral conducting and score reading; rehearsal techniques; problems in tempo, balance, style, and phrasing; mixed meters and other contemporary problems. Assigned projects in conducting.

MUSIC 159. Marching Band Techniques (2)
Prerequisite: MUSIC 41. Offered fall semester only. Practical and creative aspects of producing musical shows and marching formations for athletic events, parades, and public ceremonies. Use of computer programs.

MUSIC 160T. Topics in Music History and Literature (1-3; max total 9; repeatable for credit)
Study of selected musical genres, composers, and other specialized topics.

MUSIC 161A. Survey of Western Art Music I (3)
Prerequisite: MUSIC 41. Offered fall semester only. Study of representative composers, genres, and major works. Emphasis on changing concepts of "music," development of styles, and relation of music to the history of ideas and to relevant institutions and social customs up to approximately 1800 A.D.

MUSIC 161B. Survey of Western Art Music II (3)
Prerequisite: MUSIC 41. Offered spring semester only. Study of representative composers, genres, and major works. Emphasis on changing concepts of "music," development of styles, and relation of music to the history of ideas and to relevant institutions and social customs from Beethoven to the present.

MUSIC 162. Jazz Pedagogy (2)
Prerequisite: MUSIC 43. Junior music major. Basic rehearsal techniques for small and large ensembles of the secondary and collegiate levels. Survey of pedagogical concepts, performance practices, and performance repertory for jazz ensembles.

MUSIC 163. Jazz History (3)
Prerequisite: junior music major in the Jazz Option, permission of instructor. The history of jazz in America for the intermediate/advanced performer through study of important innovators, performers, composers, and improvisers.

MUSIC 164. Jazz Theory and Improvisation I (3)
Prerequisite: MUSIC 43, concurrent enrollment in MUSIC 102JEA or 102JEB. Provides basic and intermediate foundation in theory and improvisational styles within the jazz idiom.

MUSIC 165. Jazz Theory and Improvisation II (3)
Prerequisite: MUSIC 164, concurrent enrollment in MUSIC 102JEA or 102JEB. Provides intermediate and advanced foundation in theory and improvisational styles within the jazz idiom.

MUSIC 166. Piano Pedagogy (2)
Piano majors only. Principles, playing and teaching procedures, and materials for teaching individual and small group piano lessons to students from elementary school age through community college. (Course fee, \$20)

MUSIC 167. Keyboard Literature (2)
Piano majors only. A historical survey of the standard repertoire for the piano.

MUSIC 169. Instrumental Techniques and Materials (2)
Prerequisites: MUSIC 43, 158A or B, pass conducting proficiency, MUSIC 121-127A. Offered spring semester only. Principles, procedures, literature, and materials for use in instrumental music programs in the public schools. (Expenses for off-campus visits will be incurred by student.)

MUSIC 170A. Music of the Americas: Latin America (3)
Prerequisites: G.E. Foundation and Breadth Area C. Examination of the musics of Latin America with special emphasis on art-music and its relationship to folk-popular musics as influenced by social, ideological, and political cross-currents. G.E. Integration IC.

MUSIC 170B. Music of the Americas: United States (3)
Representative styles and genres of music in the United States with particular attention to social contexts of repertoires and music interactions between elite and popular traditions.

MUSIC 171. Introduction to the World's Music (3)
Prerequisites: G.E. Foundation and Breadth Area C. Exploration of selected musics of the world from the perspective of ethnomusicology or study of music as an aesthetic communication that possesses meaning only in relation to specific, situated sociocultural contexts. Study of selected musical forms and their relationship to social formations. G.E. Integration IC.

MUSIC 172. Vocal Literature (2)
Prerequisite: MUSIC 41. For students who major or minor in vocal music. A historical survey of the standard repertoire for the voice.

MUSIC 175T. Topics in Instrumental Pedagogy (2)
Principles, playing and teaching procedures, and materials for teaching individual instrumental (flute, oboe, clarinet, bassoon, horn, trumpet, trombone, tuba, violin, viola, violoncello, contrabass, harp, guitar, percussion) lessons to students of varying skill and artistic levels.

MUSIC 179. Choral Techniques and Materials (2)
Prerequisites: passed piano proficiency; MUSIC 43, 119, 158B. Offered spring semester only. Principles, choral techniques, literature, and materials for use in vocal music programs in the public schools. (Expenses for off-campus visits will be incurred by student.)

MUSIC 179L. Choral Techniques Lab (1)
Prerequisites: passed piano proficiency. Piano skills necessary for music educators. Students learn to read opera scores at the piano, lead rehearsals from the piano, play vocal exercises for choirs, and increase sightreading ability. Concurrent enrollment in MUSIC 179 required. *CR/NC* grading only.

MUSIC 180. Children's Choirs: Techniques and Literature (3)
Prerequisite: MUSIC 155. Basic overview of materials, techniques, and procedures applicable to the choral experience at the elementary level. Topics include conducting for the elementary school choral director, vocal pedagogy for children, and a survey of appropriate choral literature.

MUSIC 182. Basic Arranging (3)
Prerequisites: MUSIC 1B, 42. Basic course in scoring and arranging for band, orchestra and choral ensembles. Ranges, transposition, technical capabilities of band and orchestra instruments and the voice. Emphasis on arranging for musicians typically found in elementary and secondary schools. Use of computer notation and sequencing programs. (Course fee, \$15)

MUSIC 183. Advanced Choral Arranging (3; max total 6; repeatable for credit)
Prerequisite: passed piano proficiency. Advanced course in scoring and arranging for various sizes and types of choral ensembles. Studies, in depth, composing and arranging in various choral idioms. Use of computer notation and sequencing programs. (Course fee, \$15)

Music

MUSIC 184. Advanced Instrumental Arranging (3; max total 6; repeatable for credit)

Prerequisite: passed piano proficiency. Advanced course in scoring and arranging for band and orchestra instruments. Studies, in depth, problems of idiomatic writing for the instruments and sonorities. Use of computer notation and sequencing programs. (Course fee, \$15)

MUSIC 185A. Lyric Diction I (2)

Prerequisite: MUSIC 41 and successful completion of one year of MUSIC 39 or 139 or permission of instructor. Introductory study of the international phonetic alphabet and its application to singing in English, Italian, German, French, Spanish, and Latin.

MUSIC 185B. Lyric Diction II (2)

Prerequisite: MUSIC 185A. For vocal performance majors or with permission of instructor. Singers' advanced diction studies of English, Italian, German, French, and Spanish, as well as other languages used in the standard Western art music vocal repertoire.

MUSIC 186. Arranging and Composing Using MIDI (3)

Prerequisite: MUSIC 182. Arranging and composing using MIDI sequencing. Students record and edit musical material in the MIDI/computer-based production facility. Finished works will be exported to music notation programs and recorded to digital audio media. Works will be performed in public concerts.

MUSIC 187. Pop Music: Jazz and Rock (3)

Prerequisites: G.E. Foundation and Breadth Area C. Survey of styles, trends, and the musical and cultural roots of pop music, jazz, and rock in the United States, Great Britain, and the West Indies. Guidelines for listening to and writing about music. G.E. Integration IC.

MUSIC 190. Independent Study (1-3; max total 6)

See *Academic Placement—Independent Study*. Approved for *RP* grading.

MUSIC 191. Readings in Music (1-3; max total 6)

Prerequisite: permission of instructor. In-depth readings and discussions in individual conferences; subjects to be selected by students and their advisers. May be preliminary research in connection with thesis topic. Approved for *RP* grading.

MUSIC 198. Senior Recital or Project (1 or 2)

Prerequisites: passed piano proficiency, senior standing, approval of major applied music instructor or adviser. Preparation and presentation of a satisfactory senior recital or project.

GRADUATE COURSES

(See *Catalog Numbering System*.)

Music (MUSIC)

MUSIC 204. Graduate Music Theory Survey (3)

Prerequisite: graduate standing. Required of all M.A. candidates in music. A comprehensive survey of the disciplines of harmony, counterpoint, and analysis, with respect to the music of the 18th through 20th centuries, with an emphasis on review and reinforcement. Topics include species counterpoint, figured bass, voice leading, principles of Schenkerian analysis, and basic atonal and twelve-tone theory.

MUSIC 210. Studies in Performance (2; max total 6; repeatable for credit)

Open only to master's degree students majoring in performance or to other master's students by permission of instructor. Prerequisite: MUSIC 220. Individually directed studies in performing or conducting instrumental or vocal music; historical and theoretical interpretation applied in preparation for public recitals and concerts of works from the standard literature of all periods in the student's major performance area. Approved for *RP* grading.

MUSIC 211. Graduate Performance Ensemble (2; max total 6; repeatable for credit)

Prerequisite: graduate standing or permission of instructor. Ensemble performance of instrumental or choral music with emphasis on historical and theoretical interpretation of advanced level literature. This course includes technical, stylistic, and aesthetic elements of musical literature, rehearsal, and public performance.

MUSIC 219T. Seminar in Music Education (3; max total 9 if no course repeated)

Topics of special concern to the teacher or administrator. Individual research projects and discussion of problems in the area of literature, philosophy, and practices of teaching, administration, and curriculum planning.

MUSIC 220. Seminar in Research Methods and Bibliography (3)

Bibliography, sources, and research techniques necessary for graduate study in music. Individual projects and research; satisfies graduate writing requirement. Required of

all students working for the master's degree in music.

MUSIC 221. Foundations of Music Education (3)

Prerequisite: MUSIC 220. Historical, curricular, and philosophical foundations of music education. Research in learning theories, teaching strategies, and concept development. Evaluation of contemporary trends and techniques in methodology.

MUSIC 234. Studies in Composition (2; max total 6)

Open only to master's degree students majoring in composition. Prerequisite: MUSIC 220. Individually directed studies in composition with contemporary techniques of an extended work equivalent in substance to a sonata, cantata, or other composition of major proportions. Approved for *RP* grading.

MUSIC 240T. Advanced Topics in Music Theory (3; repeatable for credit)

Prerequisite: MUSIC 204 and 220. Advanced analytical study of specific composers, genres, styles, and diverse interdisciplinary approaches to music theory. A final paper or project is a central component of this course.

MUSIC 257A. Seminar in Choral Conducting (3)

Prerequisite: MUSIC 158A or 158B or equivalent. Advanced study of conducting choral music in the Western tradition. Students will organize and complete projects that address the preparation, interpretation, rehearsing, and performance of choral music. (Formerly MUSIC 258T)

MUSIC 258T. Topical Seminars in Conducting (1-3; max 6)

Prerequisite: MUSIC 158A or 158B. Advanced studies in selected topics related to conducting. Projects with particular attention to rehearsal techniques, score preparation, and interpretation.

MUSIC 259T. Topical Seminars in Vocal Music (1-3; max 6)

The study of advanced level song literature, song interpretation, and performance practice as applied to standard and special vocal repertoire.

MUSIC 260T. Topical Seminars in Music History (3; max 9)

Prerequisite: MUSIC 220. Current methods, resources, and issues in music history, with application to specific topics focusing on major Western composers, major genres, landmark works or repertoires, issues in musical aesthetics and criticism.

MUSIC 267. Seminar in Contemporary Music (3)

Prerequisite: MUSIC 220. Critical and analytical study of the sources, selected works, and composers of the 20th century, with particular emphasis on avant-garde movements and schools. A term paper will be a central requirement for successful completion of this course.

MUSIC 269T. Topical Seminars in Instrumental Music (1-3; max 6)

The study of advanced level instrumental literature, score interpretation, and performance practices as they apply to standard and special instrumental literature.

MUSIC 277. Seminar in American Music (3)

Prerequisite: MUSIC 220. Critical and analytical study of the historical sources, selected works, and composers in the United States from 1620 A.D. to the present. A term paper will be a central requirement for successful completion of this course.

MUSIC 279T. Topical Seminars in Choral Music (1-3; max 6)

The study of advanced level choral literature, performance practices, interpretation, and rehearsal techniques pertinent to various choral ensembles.

MUSIC 290. Independent Study (1-3; max total 6)

See *Academic Placement — Independent Study*. Approved for *RP* grading.

MUSIC 291. Readings in Music (1-3; repeatable for credit)

Prerequisite: permission of instructor. Readings in depth and discussions in individual conferences; subject to be selected by students and their advisers. May be preliminary research in connection with thesis topic. Approved for *RP* grading.

MUSIC 298. Project (3)

See *Criteria for Thesis and Project*. Completion of an approved project appropriate to the candidate's area of specialization. To be used in place of MUSIC 299 for majors in performance, composition, and as an option for majors in music education. The graduate recital, for performance majors, will consist of an approved program containing at least one hour of music. Approved for *RP* grading.

MUSIC 299. Thesis (3)

Prerequisite: See *Criteria for Thesis and Project*. Preparation, completion, and submission of an acceptable thesis for the master's degree. Approved for *RP* grading.

IN-SERVICE COURSES

(See *Catalog Numbering System*.)

Music (MUSIC)

MUSIC 307. Musical Instrument Repair (1; max total 3)

Maximum total credit 3 units, provided instrumental groups are not repeated. Criteria for selection; techniques for care and repair of music instruments. Instrumental grouping: brass and percussion; woodwind and strings; piano.

MUSIC 309T. Workshop: Vocational and Avocational Music Topics (1-3; max total 6)

Topics such as New State Music Textbooks, Elementary School Classroom Instruments, Folk Music and Dancing, Piano Teachers' Workshop, Brass Music, Creative Approaches to Classroom Music, Exploring Sound and Music.