

## Music

MUAG — Music Applied General Courses  
 MUAM — Music Applied Private Lessons (Major)  
 MUAC — Music Applied Private Lessons  
 (Concentration)  
 MUAS — Music Applied Private Lessons  
 (Secondary)  
 MUCM — Chamber Music  
 MUCP — Music Composition  
 MUED — Music Education  
 MUEN — Music Ensembles  
 MUET — Music Ethnomusicology  
 MUGC — Music General Courses  
 MUMH — Music History and Literature, and  
 Musicology  
 MUJS — Music Jazz Studies  
 MULB — Music Laboratories  
 MUSM — Sacred Music  
 MUTH — Music Theory

All courses numbered 4900-4910 are open to advanced undergraduate students who are capable of developing a problem independently. A project is chosen by the student and instructor and developed through conferences and approved activities under the direction of the instructor, who may require a term paper. Not open to graduate students, these courses may be offered when other required courses are unavailable. Prerequisites are consent of instructor and dean.

Courses that may be repeated for credit are MUAG 1102, MUAG 1107, MUAG 1117, MUAG 1121, MUAG 1124, MUAG 1125, MUAG 1202, MUAG 1207, MUAG 1217, MUAG 1221, MUAG 1224, MUAG 1225, MUAG 4360, MUAG 4370, MUAG 4740; all courses in MUAM, MUAC, MUAS and MUCM; MUCP 2080, MUCP 4080, MUCP 4180, MUCP 4680; all courses in MUEN; MUJS 3470; all courses in MULB; MUET 3030.

### Applied General Music, MUAG

**MUAG 1001-MUAG 1002. Piano Class for Non-Music Majors.** 1 hour each. (0;3) Fundamentals of keyboard technique for beginning piano students: levels I and II (non-major).

**MUAG 1011 (MUSI 1181)-MUAG 1012 (MUSI 1182)-MUAG 1013-MUAG 1014. Keyboard Skills for Music Majors.** 1 hour each. (0;3) Functional keyboard skills combined with the application of music theory principles at the piano (progressions, sight reading, harmonization and transposition) for beginning students: levels I-IV (includes the Piano Proficiency Exam). Prerequisite(s): each level must be passed with a grade of C or better to progress to the next level in these four courses.

**MUAG 1102 (MUSI 1168)-MUAG 1202 (MUSI 2168). Brass Class.** 1 hour each. (0;3) Trumpet, trombone, French horn and tuba; general brass pedagogy; and acquiring ability to play simple melodies and scales.

**MUAG 1107-MUAG 1207. Guitar Class.** 1 hour each. (0;3) Classical guitar for beginners. Students provide instruments. Secure recommended specifications from instructor. Prerequisite(s): enrollment only by audition and consent of college.

**MUAG 1117 (MUSI 1188)-MUAG 1217 (MUSI 2188). Percussion Class.** 1 hour each. (0;3) All major percussion instruments; proper playing techniques and methods for teaching fundamentals.

**MUAG 1121 (MUSI 1190)-MUAG 1221 (MUSI 2190). Strings Class.** 1 hour each. (0;3) Basic techniques of violin, viola, cello and bass.

**MUAG 1124 (MUSI 1183). Voice Class for Non-Music Majors.** 1 hour. (0;3) Fundamentals of correct breathing, tone production and diction. For non-music majors with little or no previous voice training. May be repeated for credit.

**MUAG 1125 (MUSI 1166)-MUAG 1225 (MUSI 2166). Woodwinds Class.** 1 hour each. (0;3) Basic technique and general pedagogy of flute, oboe, clarinet, bassoon and saxophone.

**MUAG 1224. Voice Class for Music Majors.** 1 hour. (0;3) Fundamentals of correct breathing, tone production, diction and basic vocal pedagogy. For instrumental music majors.

**MUAG 1270. Piano Literature.** 3 hours. (3;0) Bach through the early romantics. Survey of major composers, styles and forms; individual topics.

**MUAG 1500. Occupational Health - Lessons from Music.** 3 hours. Fundamental principles of wellness associated with occupational health discussed within the context of music. Course focuses on gaining a practical understanding of occupational injuries including musculoskeletal problems from repetitive tasks, noise induced hearing loss from overexposure to sound, and mental health problems associated with competition at work and economic instability. Emphasis on personal responsibility, injury prevention and the development of lifetime wellness skills. *Satisfies a portion of the Understanding the Human Community requirement of the University Core Curriculum.*

**MUAG 1905. English Diction for Singers.** 1 hour. (2;0) Diction/pronunciation skills for singing in English. Introduction to phonetic analysis of vocal music in English.

**MUAG 1906. French Diction.** 1 hour. (2;0) Diction/pronunciation skills for singing in French; introduction to phonetic analysis of vocal music in French.

**MUAG 1907. German Diction.** 1 hour. (2;0) Diction/pronunciation skills for singing in German; introduction to phonetic analysis of vocal music in German.

**MUAG 1909. Italian Diction.** 1 hour. (2;0) Diction/pronunciation skills for singing in Italian; introduction to phonetic analysis of vocal music in Italian.

**MUAG 2210. Introduction to Vocal Literature.** 1 hour. (2;0) Performance class in classical solo vocal idioms, including song, opera and oratorio from all national schools.

**MUAG 2900. Special Problems.** 1-3 hours. Prerequisite(s): consent of college.

**MUAG 3240. Techniques of Piano Accompanying.** 3 hours. Review of sight-reading skills; repertoire from Italian anthology; simpler songs of Schubert, Schumann and Faure; arias. Concerto accompaniments from classic repertoire; discussion and demonstration of piano reductions. Prerequisite(s): consent of college.

**MUAG 3250. Techniques of Piano Accompanying.**

3 hours. Study of Lieder and art-song repertoire, arias, concerti and instrumental solos. Prerequisite(s): MUAG 3240 or consent of college.

**MUAG 3270. Piano Literature.** 3 hours. (3;0) The late romantics to the present. Survey of major composers, styles and forms; individual topics.

**MUAG 3800. Fundamentals of Conducting.**

2 hours. (3;0) Fundamentals of conducting, including beat patterns, various gestures for attack, release and phrasing. Includes the use of the left hand, score reading, development of aural skills, rehearsal techniques and interpretation. Prerequisite(s): junior standing and completion of MUTH 2500/MUTH 2510. MUAG 3800 is a prerequisite for MUAG 3820 and MUAG 3870.

**MUAG 3820. Choral Conducting.**

2 hours. (3;0) Continuation of MUAG 3800. Focuses on refining physical skills, the introduction of group choral training, choral rehearsal techniques and aural development skills. Prerequisite(s): MUAG 3800.

**MUAG 3870. Instrumental Conducting.**

2 hours. (3;0) Score reading and preparation; practical application of transposition for all instruments; psychology of conducting; metronome patterns; stylistic considerations; extensive conducting practicum utilizing both wind and orchestral literature. Prerequisite(s): MUAG 3800.

**MUAG 4001. Student Teaching in Studio Piano.**

3 hours. (1;2) Observation and supervised student teaching with an emphasis on private studio teaching. Prerequisite(s): consent of college.

**MUAG 4002. Student Teaching in Group Piano.**

3 hours. (1;2) Observation and supervised student teaching with an emphasis on group piano teaching.

**MUAG 4210. Vocal Literature.** 3 hours. Solo literature since the Renaissance; style, interpretation and materials for all voice classifications. Music performed by class members and through recordings.

**MUAG 4220. Fundamentals of Singing-Acting**

**Techniques.** 1 hour. (1;2) Introductory course to the process of singing-acting which clearly identifies all the parts of the total performing system – mind, emotions, body, face and voice – and presents a way of developing the power of each of those parts separately, and then integrating them in various combinations. Experiential learning course in which the student applies the techniques to his or her individual operatic repertoire or to assigned scenes from opera. Prerequisite(s): students must have passed the upper division exam in voice, have studied at least two semesters with current voice teacher, have permission from voice teacher, and have at least two operatic arias in repertoire. May be repeated for credit.

**MUAG 4260-MUAG 4270. Piano Pedagogy.**

3 hours each. Approaches for children and adult beginners; technique, style and musicianship; review and recommendation of materials for all grades. Supervised student teaching. Prerequisite(s) for MUAG 4270: MUAG 4260 or consent of college.

**MUAG 4300. Science and Pedagogy of Singing.**

3 hours. Basic knowledge of respiration, phonation, resonance and articulation; concepts and techniques for the teaching of singing. Laboratory demonstrations and studio observations for students of voice, choral conducting and composition.

**MUAG 4350. Repair and Maintenance of Musical**

**Instruments.** 1 hour. (0;3) Repair of brass, woodwind and percussion instruments. For instrumental music teachers and those interested in instrument repair. Prerequisite(s): MUAG 1125 or MUAG 1225, or consent of college.

**MUAG 4360-MUAG 4370. Instrumental Pedagogy and**

**Repertoire.** 3 hours each. Study and analysis of instrumental literature; correlation of literature and pedagogical materials; survey of schools of performance and instruction; brass, percussion, keyboard, strings and woodwinds. May be repeated for credit as topics vary.

**MUAG 4380. Organ Literature and Pedagogy.**

3 hours. Organ music of the Renaissance and Baroque periods. Survey of major composers, styles and forms; construction and design of appropriate instruments. Performance and pedagogy problems, including interpretation on contemporary instruments, considered.

**MUAG 4390. Organ Literature and Pedagogy.**

3 hours. Organ music from the mid-18th century to the present. Survey of major composers, styles and forms; construction and design of appropriate instruments. Performance and pedagogy problems, including interpretation on contemporary instruments, considered.

**MUAG 4410. Harpsichord Literature and Pedagogy.**

3 hours. Harpsichord music of the Renaissance and early Baroque periods. Survey of major composers, national styles and forms; construction and design of appropriate instruments. Performance practices are thoroughly explored. Pedagogical principles are applied to repertoire. Individual research projects.

**MUAG 4420. Harpsichord Literature and Pedagogy.**

3 hours. (3;0) Harpsichord literature from the mid-17th century to the present, including the music of Bach. Survey of major composers, styles, forms and ensemble literature; construction and design of appropriate instruments. Performance practices are thoroughly explored. Pedagogical principles are applied to repertoire. Individual research projects.

**MUAG 4700. Senior Recital.**

1 hour. (0;0;1) Public recital in which the student must demonstrate mastery of music performance skills appropriate to the completion of a bachelor's degree in performance. Prerequisite(s): three terms/semesters of MUAM 35xx and permission of college.

**MUAG 4710. Senior Recital Capstone.**

3 hours. The senior recital is a public performance of music on the major instrument by each student completing undergraduate studies in performance. The culmination of at least four years of work in academic and applied music, it represents the academic, musical and artistic growth the student has experienced throughout the undergraduate career. The senior recital is typically given in the last semester of undergraduate study. Prerequisite(s): three terms/semesters of MUAM 35xx and consent of college.

**MUAG 4720. Organ Service Playing I.**

2 hours. (1;1) Intense study of basic hymn playing, harmonic progressions, melody harmonization, open score reading (including alto and tenor clefs), modulation, figured bass, transposition and elementary improvisation. Successful completion of this course allows students to compete for major church positions and prepare for the AAGO certification. Prerequisite(s): MUTH 2500 and MUTH 2510.

**MUAG 4730. Organ Service Playing II.**

2 hours. (1;1) Advanced study of figured bass, open score reading (four parts including both tenor and alto clefs), transposition

of more difficult textures, and improvisation of binary, ternary and variation (choral partita) structures. Successful completion of this course prepares students for FAGO certification. Prerequisite(s): MUAG 4720 or placement by permission of college.

**MUAG 4740. Seminar in Church Music.** 3 hours. For interests and talents of students; class and private conferences. Topics include historical and contemporary developments in hymnody; liturgical music; church choir literature and techniques; and church music philosophy, education and administration. May be repeated for credit as topics vary.

**MUAG 4890. Seminar in Performance and Repertoire.** 3 hours. Consideration of style, interpretation, performance practice traditions of selected portions of the performing repertoire; student performances and recordings. May be repeated for credit as topics vary. Prerequisite(s): consent of college.

**MUAG 4900-MUAG 4910. Special Problems.** 1–3 hours each. Prerequisite(s): consent of college.

**MUAG 4951. Honors College Capstone Thesis.** 3 hours. Major research project prepared by the student under the supervision of a faculty member and presented in standard thesis format. An oral defense is required of each student for successful completion of the thesis. Prerequisite(s): completion of at least 6 hours in honors courses; completion of at least 12 hours in the major department in which the thesis is prepared; approval of the department chair and the dean of the school or college in which the thesis is prepared; approval of the dean of the Honors College. May be substituted for HNRS 4000.

### **Applied Private Music, MUAM; MUAC; MUAS**

Curriculum requirements in Music Applied Private Lessons for majors (MUAM) are 2–4 credit hours per term/semester; for concentrations (MUAC), 2 credit hours per term/semester; for secondaries (MUAS), 1 credit hour per term/semester. Exceptions to those requirements must have the consent of the dean of the College of Music.

**1501-1531. Lower-Level Applied Music, Private Lessons.** Variable credit: for majors (MUAM), 1–5 semester hours; for concentrations (MUAC), 1–3 semester hours; for secondaries (MUAS), 1–2 semester hours.

- 1501. Piano.
- 1502. Organ.
- 1503. Voice.
- 1504. Violin.
- 1505. Viola.
- 1506. Cello.
- 1507. Double Bass.
- 1508. Flute.
- 1509. Oboe.
- 1511. Clarinet.
- 1512. Saxophone.
- 1513. Bassoon.
- 1514. French Horn.
- 1516. Trumpet.

- 1517. Trombone.
- 1518. Euphonium.
- 1519. Tuba.
- 1521. Percussion.
- 1522. Harp.
- 1524. Vocal Coaching. (MUAS only.)
- 1526. Jazz Guitar. (MUAC and MUAS only.)
- 1527. Guitar. (Enrollment only by audition.) Classical guitar.
- 1528. Harpsichord.
- 1529. Organ Service Playing. (MUAS only.)
- 1531. Keyboard Continuo Playing. (MUAS only.)

**3501-3538. Upper-Level Applied Music, Private Lessons.** Variable credit: for majors (MUAM), 1–5 semester hours; for concentrations (MUAC), 1–3 semester hours; for secondaries (MUAS), 1–2 semester hours.

- 3501. Piano.
- 3502. Organ.
- 3503. Voice.
- 3504. Violin.
- 3505. Viola.
- 3506. Cello.
- 3507. Double Bass.
- 3508. Flute.
- 3509. Oboe.
- 3511. Clarinet.
- 3512. Saxophone.
- 3513. Bassoon.
- 3514. French Horn.
- 3516. Trumpet.
- 3517. Trombone.
- 3518. Euphonium.
- 3519. Tuba.
- 3521. Percussion.
- 3522. Harp.
- 3523. Functional Piano. (MUAS only.)
- 3524. Vocal Coaching. (MUAS only.)
- 3526. Jazz Guitar. (MUAC only.)
- 3527. Guitar. (Enrollment only by audition.) Classical guitar.
- 3528. Harpsichord.
- 3529. Organ Improvisation. 1 hour. (0;0;0.5) Upper-level applied music, private lessons (MUAS only). Improvisation of binary, ternary, variation sets, scherzos. Themes drawn from choral and plainsong repertoire. Prerequisite(s): MUAG 4720 or consent of college.
- 3531. Jazz Piano. (MUAC only.)
- 3531. Keyboard Continuo Playing. (MUAS only.)
- 3532. Jazz Saxophone. (MUAC only.)
- 3533. Jazz Voice. (MUAC only.)
- 3536. Jazz Trumpet. (MUAC only.)
- 3537. Jazz Trombone. (MUAC only.)
- 3538. Jazz Bass. (MUAC only.)

**Chamber Music, MUCM**

- MUCM 3510. **String Chamber Music.** 1 hour. (0;2)  
 MUCM 3520. **Woodwind Chamber Music.** 1 hour. (0;2)  
 MUCM 3530. **Brass Chamber Music.** 1 hour. (0;2)  
 MUCM 3540. **Percussion Chamber Music.** 1 hour. (0;2)  
 MUCM 3550. **Jazz Chamber Music.** 1 hour. (0;2)  
 MUCM 3617. **Percussion Ensemble.** 1 hour. (0;2)  
 MUCM 3621. **Guitar Ensemble.** 1 hour. (0;2)  
 MUCM 3630. **Harp Ensemble.** 1 hour. (0;4)

**Composition, Music, MUCP**

- MUCP 1180. **Beginning Composition I.** 2 hours. (2;2)  
 Basic technical and creative skills, survey of recent music literature. Prerequisite(s): concurrent enrollment in MUTH 1400-MUTH 1410 or MUTH 1500-MUTH 1510, or successful completion of MUTH 1500-MUTH 1510.
- MUCP 1190. **Beginning Composition II.** 2 hours. (2;0)  
 Continuation of MUCP 1180. Prerequisite(s): MUCP 1180; MUTH 1500-MUTH 1510 (may be taken concurrently).
- MUCP 2080. **Secondary Composition I.** 1–2 hours. (1;0)  
 Writing small works in contemporary styles. Prerequisite(s): successful completion of MUCP 1190; consent of college. May be repeated for credit, contingent on a grade of B or better. Primarily for non-composition majors.
- MUCP 2180. **Intermediate Composition I.** 1–2 hours each. (1;0)  
 Writing in small forms for simple media in contemporary styles. Prerequisite(s): MUCP 1180 and MUCP 1190 (with grades of B or better); MUTH 1400, MUTH 1410, MUTH 1500 and MUTH 1510 (with a grade of B or better); acceptance at the concentration level on an instrument or voice. For composition majors only.
- MUCP 2190. **Intermediate Composition II.** 1–2 hours. (1;0)  
 Continuation of MUCP 2180. Sophomore composition jury required at the end of the term/semester. Prerequisite(s): MUCP 2180 (with a grade of B or better); MUTH 2400 and MUTH 2410 (with a grade of B or better). For composition majors only.
- MUCP 2900. **Special Problems.** 1–3 hours. Prerequisite(s): consent of college.
- MUCP 3080. **Class Composition.** 3 hours. Beginning problems in composition; composition and study of contemporary styles and techniques. Prerequisite(s): MUTH 2500 and MUTH 2510. For non-composition majors.
- MUCP 3090. **Class Composition II.** 3 hours (2;1).  
 Continuation of MUCP 3080. For non-composition majors. Prerequisite(s): MUCP 1180 or MUCP 3080, MUTH 2500 and MUTH 2510.
- MUCP 3180. **Advanced Composition I.** 2–3 hours. (3;0)  
 Continuation of MUCP 2190. Extended works for larger combinations of instruments or voices. Prerequisite(s): MUCP 2190 (with a grade of B or better); MUTH 2500 and MUTH 2510 (with a grade of B or better); consent of college following sophomore composition jury. For composition majors only.
- MUCP 3190. **Advanced Composition II.** 2–3 hours. (0;3)  
 Continuation of MUCP 3180. Prerequisite(s): MUCP 3180 (with a grade of B or better). For composition majors only.

MUCP 4080. **Secondary Composition II.** 2–3 hours. (3;0)  
 Writing small works in contemporary styles. Prerequisite(s): MUCP 2080 or MUCP 3080, or equivalent. For non-composition majors. May be repeated for credit, contingent on a grade of B or better.

MUCP 4180. **Advanced Composition III.** 2–3 hours. (0;3)  
 Continuation of MUCP 3190. Advanced projects for various media. Prerequisite(s): MUCP 3190 (with a grade of B or better). For composition majors only. May be repeated for credit, contingent on a grade of B or better.

MUCP 4190. **Senior Composition Recital.** 3 hours. (0;3)  
 Continuation of MUCP 4180. Production of senior composition recital. Prerequisite(s): MUCP 4180 (with a grade of B or better) and consent of college following the senior recital hearing.

MUCP 4310. **Instrumentation.** 3 hours. Basic ranges, transpositions and terminology; transcriptions for instrumental combinations. Score study and rehearsal attendance required. Prerequisite(s): MUCP 2190 or MUCP 3080 (with a grade of B or better); or consent of college; MUTH 2500 and MUTH 2510.

MUCP 4320. **Orchestration.** 3 hours. Historical survey of orchestrational practices, with emphasis on contemporary approaches. Creation of original works or transcriptions for orchestra. Score study and rehearsal attendance required. Prerequisite(s): MUCP 4310 (with a grade of B or better) and MUCP 2190, or equivalent. Primarily for composition majors. (Meets with MUCP 5320).

MUCP 4460. **Contemporary Music.** 3 hours. Study of recent music emphasizing experimental compositional techniques. Listening, score study and analysis. Prerequisite(s): MUTH 2500, MUTH 2510 and MUMH 3510, or consent of college.

MUCP 4590. **Intermedia Performance Arts.** 2 hours. Introduction to intermedia performance through class performance, repertoire analysis, historical context and readings of critical texts. Production and performance of individual and group projects in the presentation of intermedia compositions, emphasizing computer music media and utilizing the resources of the Merrill Ellis Intermedia Theater. Open to undergraduate students in music and other related fields in the arts, humanities and sciences. Prerequisite(s): consent of college. Corequisite(s): MUEN 4595.

MUCP 4670. **Introduction to Electroacoustic Music.** 3 hours. (3;1)  
 Study of the theory and practice of electroacoustic composition, including a survey of the literature, audio techniques and studio hardware/software use. Course projects on electroacoustic music applications, practical exercises and original composition. Prerequisite(s): 6 hours of composition or consent of college.

MUCP 4680. **History and Technology of Electroacoustic Music.** 3 hours. (3;1)  
 Study of synthesis and audio processing, both historically and in current practice. Course projects focus on electroacoustic music applications, practical exercises, and original compositions. Prerequisite(s): MUCP 4670 or equivalent. May be repeated for credit, contingent on a grade of B or better. (Meets with MUCP 5680.)

MUCP 4900-MUCP 4910. **Special Problems.** 1–3 hours each. Prerequisite(s): consent of college.

MUCP 4951. **Honors College Capstone Thesis.** 3 hours. Major research project prepared by the student under the supervision of a faculty member and presented in standard

thesis format. An oral defense is required of each student for successful completion of the thesis. Prerequisite(s): completion of at least 6 hours in honors courses; completion of at least 12 hours in the major department in which the thesis is prepared; approval of the department chair and the dean of the school or college in which the thesis is prepared; approval of the dean of the Honors College. May be substituted for HNRS 4000.

### **Education, Music, MUED**

**MUED 1103. Techniques in Classroom Instruments.** 1 hour. (0;3) Fundamentals and literature in recorder consort; folk-guitar strumming techniques and applicability to other chordal instruments; proper use and handling of melody and percussion instruments in general music instruction.

**MUED 1130 (MUSI 1304). Foundations in Music.** 3 hours. Development of musical concepts and skills in listening and performance through use of elementary school music program materials and activities.

**MUED 1140. Foundations in Music.** 3 hours. Methods and materials for teaching vocal music in elementary school. Prerequisite(s): MUED 1130. For elementary education majors only.

**MUED 2310. Musicianship for Teaching I.** 2 hours. (2;0) Overview of foundational principles in music education. Explores these principles in terms of the skills, characteristics and attributes of the musician teacher. A prerequisite for Musicianship for Teaching II and III.

**MUED 2900. Special Problems.** 1–3 hours. Prerequisite(s): consent of college.

**MUED 3100. Musicianship for Teaching II.** 3 hours. (3;0) Comprehensive study of musical elements, structures, forms, genres and exemplary literature as related to basic principles of child development. Explores instruction of the child in terms of the skills, characteristics and attributes of the musician teacher. Prerequisite(s): MUED 2310 or consent of college.

**MUED 3200. Musicianship for Teaching III.** 3 hours. Teaching methods and responsibilities common to choral and instrumental instruction in secondary schools. Covers such aspects as psychology of young adults, recruitment procedures, rehearsal management, concert programming, performance preparation, fund raising and adjudicated events, as well as furthering the musical and instructional development of the musician teacher. Prerequisite(s): MUED 2310 and MUED 3100 or consent of college.

**MUED 4103. Advanced Techniques and Materials for Elementary General Music Instruction.** 3 hours. Techniques for instructional planning (K–6) utilizing aspects of various teaching approaches (Orff, Kodaly, Dalcroze and eclectic). Principles of sequentially organized materials and activities for the young learner in general music. Prerequisite(s): MUED 2310 and MUED 3100, or consent of college.

**MUED 4109. Methods and Materials for Teaching Instrumental Music in Elementary Schools.** 3 hours. Rehearsal objectives, instructional techniques and materials specific to beginning band and orchestra; rehearsal management and organization; visual and aural diagnostic skills for teaching performance fundamentals; lab school field experience. Prerequisite(s): MUED 2310 and MUED 3100; and as applicable: MUAG 1102-MUAG 1202, MUAG 1117, MUAG 1121-MUAG 1221 and MUAG 1125-MUAG 1225 and MUAG 1224, or consent of college.

**MUED 4203. Music Performance: Vocal/Choral.** 3 hours. (3;0) Principles of music performance using vocal and choral media. Nature of and influences on the human voice and its use, performance practices and procedures, and music literature for vocal and choral performance. Prerequisite(s): MUED 2310 and MUED 3200, or consent of college.

**MUED 4209. Music Performance: Instrumental.** 3 hours. (3;0) Principles of music performance using the band and/or orchestra ensemble. Foundations of performance on band and/or stringed instruments, rescoring and arranging for band and/or orchestra, fundamentals of marching band, performance practices, and standard band and/or orchestra literature. Prerequisite(s): 7 credit hours from MUAG 1102, MUAG 1117, MUAG 1121, MUAG 1125, MUAG 1202, MUAG 1221, MUAG 1224 and MUAG 1225; and MUED 3200.

**MUED 4490. Comprehensive Musicianship.** 3 hours. Creative approach to music, relationships of theory, composition, history and performance. Independent projects in each area.

**MUED 4660. Marching Band Methods.** 3 hours. Objectives of the marching band related to the total music education program. Organization of the marching band; development of marching style, show planning, charting methods, training and use of auxiliary units, script writing, and arranging; parade marching. Prerequisite(s): MUED 4209 or equivalent, or consent of college.

**MUED 4850. Seminar in Song Literature for Children.** 3 hours. Introduction to the standard song literature and the musical concepts related to that literature appropriate for children, ages 4 to 12. For all music students interested in composing for and performing with children's ensembles.

**MUED 4900-MUED 4910. Special Problems.** 1–3 hours each. Prerequisite(s): consent of college.

**MUED 4951. Honors College Capstone Thesis.** 3 hours. Major research project prepared by the student under the supervision of a faculty member and presented in standard thesis format. An oral defense is required of each student for successful completion of the thesis. Prerequisite(s): completion of at least 6 hours in honors courses; completion of at least 12 hours in the major department in which the thesis is prepared; approval of the department chair and the dean of the school or college in which the thesis is prepared; approval of the dean of the Honors College. May be substituted for HNRS 4000.

### **Ensembles, Music, MUEN**

**MUEN 2602. Brass Ensembles.** 1 hour. (0;3)

**MUEN 2605. Chamber Wind Ensemble.** 1 hour. (0;3) Admission by audition only.

**MUEN 2611. Jazz Ensembles.** 1 hour. (0;2)

**MUEN 2616. Chamber Orchestra.** 1 hour. (0;3)

**MUEN 3617. Percussion Ensembles.** 1 hour. (0;2)

**MUEN 2621. String Ensembles.** 1 hour. (0;2)

**MUEN 2624. Vocal Ensembles.** 1 hour. (0;3) Admission by audition only.

**MUEN 2625. Wind Ensembles.** 1 hour. (0;2)

**MUEN 2626. Mariachi Aguilas.** 1 hour. (0;2)

**MUEN 3630. Harp Ensemble.** 1 hour. (0;4)

**MUEN 3040. Opera Theatre.** 1 hour. (0;3) Practical operatic experience in performing portions of or complete operas; integration of music, acting and staging of an opera.

**MUEN 4530-MUEN 4540. Collegium Musicum.** 1 hour each. (0;3) Performance of less well-known vocal and instrumental music from the period 1200 to 1800. Prerequisite(s): consent of college.

**MUEN 4585. Nova Ensemble.** 1 hour. (0;3) Performance of contemporary chamber works for mixed ensembles. Prerequisite(s): consent of college; audition required.

**MUEN 4595. Intermedia Performance Arts.** 1 hour. (0;3) Performance component of MUCP 4590, to be taken concurrently.

### **Ethnomusicology, Music, MUET**

**MUET 3020. Popular Music in American Culture.** 3 hours. Historical development of popular musical styles, including Tin Pan Alley, Blues, Country and Western, Big Band Swing, 1950s Rock and Roll, Rhythm and Blues, Soul, the British Invasion, Art Rock, Punk, Reggae and Heavy Metal. These musical styles are explored as part of the sociocultural complex in which they developed. For non-music majors. *Satisfies a portion of the Understanding the Human Community requirement of the University Core Curriculum.*

**MUET 3030. Music Cultures of the World.** 3 hours. Survey of music cultures of Africa, the Americas, Asia and Oceania. Music traditions are studied from a perspective that emphasizes music as an integral part of society and culture. *Satisfies a portion of the Understanding the Human Community requirement of the University Core Curriculum.* Open to students in any major.

**MUET 3040. Ethnomusicology Studies Abroad.** 3 hours. Study and experience music cultures in their traditional settings. Field school locations include Africa, India and China. On-site visits to celebrations, ceremonies and rituals are combined with instruction by traditional musicians and guest lectures by cultural bearers. Musical traditions are studied from a perspective that emphasizes participant observation. Open to majors from all fields of study. No formal musical training required. May be repeated for credit as topics/locations vary. (Taught with MUET 5040.)

**MUET 3050. Music of Africa.** 3 hours. Study of musical experience in African life. How music functions in everyday life, in ritual and ceremony. When music happens and for what reasons. The social and political horizons of musical events. How musical experience changes in contemporary life. These topics are explored in relation to African music, ranging from the complex vocal polyphony of the Mbuti Pygmies of the Ituri Forest to the worldwide explosion of Afro Pop. Open to majors of all fields. No formal musical training is needed. (Taught with MUET 5050.)

**MUET 3060. African-American Music.** 3 hours. Exploration of the experiences of blacks in the Americas vis-à-vis music. In particular, critical examination of the long trajectory of “black music” in the United States, making reference first to its West African antecedents. Consideration of ways that the term “black music” is deployed politically and its appropriateness as a descriptive and analytical category. Exploring the permeability of the sacred and secular in African-American cultural experiences, interrogating the musical, philosophical and behavioral links between a Saturday night crowd and a Sunday morning people.

**MUET 3070. Studies in Asian Music.** 3 hours. Historical development and current issues in Asian music. Select music cultures are studied from an ethnomusicological perspective. May be repeated for credit as topics vary.

**MUET 3080. Studies in Latin-American Music.** 3 hours. Study of the traditional and popular music of Latin America in its cultural context using theoretical approaches of ethnomusicology and related disciplines. Countries and topics may vary. May be repeated for credit as topics vary.

**MUET 3090. Music of India.** 3 hours. Study of Indian music culture from Vedic times to the present day. Course materials cover classical traditions (both North Indian Hindusthani and South Indian Carnatic styles), folk and popular music. These genres are explored from the socio-cultural contexts in which they developed and continue to function.

**MUET 3617. African Music and Movement.** 1 hour. (2.5;0) Study of selected African drum music and development of related traditional movement skills through studio experience. Movements will be compared and contrasted with various African dance styles, while exploring their cultural basis, recreational and social uses, and artistic and educational values. May be repeated for credit. (Same as DANC 3617.)

**MUET 4500. Introduction to Ethnomusicology.** 3 hours. A general overview of the discipline of ethnomusicology, including major contributions to the field, history, methodology and practical applications. Case studies are used to illustrate specific theoretical problems encountered in ethnomusicological research.

**MUET 4900. Special Problems.** 1–3 hours.

### **General Music, MUGC**

**MUGC 4000. The Business of Music.** 3 hours. (2;1) Survey of the contemporary business of music, focusing on economic realities unique to the music industry and on available career options in music. Prerequisite(s): consent of college.

**MUGC 4890. Studies in Music.** 1–3 hours. Organized classes specifically designed to accommodate the needs of students and demands of program development that are not met by the regular offerings. Short courses and workshops on specific topics organized on a limited-offering basis. May be repeated for credit.

**MUGC 4900-MUGC 4910. Special Problems.** 1–3 hours each.

### **Music History and Literature, Musicology, MUMH**

**MUMH 1600 (MUSI 1307). Music in Human Imagination.** 3 hours. An introduction to critical issues in music from a multicultural perspective with emphasis on developing listening skills and critical thinking. Open to majors in other fields. Must be taken prior to MUMH 3500-MUMH 3510. *Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.*

**MUMH 2040 (MUSI 1306). Music Appreciation.** 3 hours. Music masterpieces; elements of music, form and design; relation of music to other areas of cultural development; live and recorded performances. For non-music majors. *Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.*

**MUMH 2900. Special Problems.** 1–3 hours. Prerequisite(s): consent of college.

**MUMH 3000. Nineteenth-Century Music.** 3 hours. Music in Romantic Humanism; lectures, recordings, art works and live performances. For non-music majors. *Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.*

**MUMH 3010. Twentieth-Century Music.** 3 hours. Music since Impressionism; changing currents in culture and society. Lectures, recordings, art works and live performances. For non-music majors. *Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.*

**MUMH 3500. Music History and Literature to 1750.** 3 hours. (3;1) Comprehensive coverage of stylistic developments, genres, and creative figures in Western art music from the Middle Ages to the mid-18th century. Prerequisite(s): MUMH 1600.

**MUMH 3510. Music History and Literature Since 1750.** 3 hours. (3;1) Comprehensive coverage of stylistic developments, genres, and creative figures in Western art music from the Classic period to the present. Prerequisite(s): MUMH 1600.

**MUMH 4050. Symphonic Literature.** 3 hours. Historical overview of the symphony as a genre from Haydn to the present; emphasis on skills for recognizing and analyzing symphonic genres and forms through score study and listening. Prerequisite(s): MUMH 3500 and MUMH 3510.

**MUMH 4070. Operatic Literature.** 3 hours. Historical overview of Western opera; emphasis on skills for recognizing and analyzing operatic styles and genres from both the musical and dramatic perspectives. Prerequisite(s): MUMH 3500 and MUMH 3510.

**MUMH 4750. Concerto Literature.** 3 hours. Concerto from Baroque to the present. Prerequisite(s): MUMH 3500 and MUMH 3510.

**MUMH 4760. Chamber Music Literature.** 3 hours. Chamber music from the Baroque to the present. Prerequisite(s): MUMH 3500 and MUMH 3510.

**MUMH 4770. Masterpieces of Choral Literature.** 3 hours. Choral masterpieces from the Renaissance to the present. Prerequisite(s): MUMH 1600.

**MUMH 4780. American Music.** 3 hours. Music of American composers from colonial times to the present. Prerequisite(s): MUMH 1600.

**MUMH 4800. Nazism, Judaism and the Politics of Classical Music in Germany.** 3 hours. Explores the connections between Nazi ideology, politics, anti-Semitism and classical music in Nazi Germany.

**MUMH 4810. Jews, Judaism Anti-Semitism and Opera.** 3 hours. Explores different roles of Jews in opera, including sympathetic representations by Jewish composers, and negative stereotyping by both Jewish and non-Jewish composers.

**MUMH 4900-MUMH 4910. Special Problems.** 1–3 hours each. Prerequisite(s): consent of college.

**MUMH 4920. Senior Thesis in Music History.** 3 hours. (0;0; individual instruction) A major research paper on a specialized topic in music history appropriate to advanced undergraduate standing. Prerequisite(s): MUMH 1600, MUMH 3500 and MUMH 3510.

**MUMH 4951. Honors College Capstone Thesis.** 3 hours. Major research project prepared by the student under the supervision of a faculty member and presented in standard thesis format. An oral defense is required of each student for successful completion of the thesis. Prerequisite(s): completion of at least 6 hours in honors courses; completion of at least 12 hours in the major department in which the thesis is prepared; approval of the department chair and the dean of the school or college in which the thesis is prepared; approval of the dean of the Honors College. May be substituted for HNRS 4000.

### **Jazz Studies, Music, MUJS**

**MUJS 1131. Jazz Performance Fundamentals I.** 1 hour. (0;2) Study of the basics of jazz performance. Topics covered include instrumental technique, style, interpretation and improvisation. Prerequisite(s): audition and/or consent of college.

**MUJS 1132. Jazz Performance Fundamentals II.** 1 hour. (0;2) A continuation of Jazz Performance Fundamentals I. Prerequisite(s): MUJS 1131.

**MUJS 1140. Jazz Bass Fundamentals.** 1 hour. (0;2) A study of melodic approaches to walking bass lines, chord arpeggio and scale fingerings, and the function of the instrument in a rhythm section. Prerequisite(s): audition and/or consent of college.

**MUJS 1150. Jazz Piano Master Class.** 1 hour. (0;2) A continuation of Jazz Keyboard Fundamentals, including study of polychords, altered chords and quartal voicing. Prerequisite(s): MUJS 1371.

**MUJS 1360. Jazz Fundamentals.** 2 hours. (2;0) Introduction to jazz harmony and scales. Drill in ear training and keyboard. Required for freshman majors in jazz studies. Prerequisite(s): MUMH 1400-MUMH 1410 (may be taken concurrently) (non-music majors by consent of college).

**MUJS 1361. Jazz Aural Fundamentals.** 1 hour. (0;2) Drill in ear-training of the melodic, harmonic and rhythmic materials that are idiomatic to jazz. Includes the singing of jazz chords and scales and the singing, dictation and transcription of jazz melodies, rhythms and chord progressions.

**MUJS 1370. Jazz Fundamentals.** 2 hours. (2;0) Continuation of MUJS 1360. Prerequisite(s): MUJS 1360 and MUJS 1361 with grade of A or B.

**MUJS 1371. Jazz Keyboard Fundamentals.** 1 hour. (0;2) Basic jazz keyboard skills. Keyboard realization of jazz harmony with typical idiomatic voicings. Prerequisite(s): MUJS 1360 with grade of A or B, or consent of college.

**MUJS 1470. Introduction to Jazz Recordings.** 3 hours. (3;0) An introductory overview of key artists and recordings in the history of jazz, including their stylistic, historical and social context.

**MUJS 2360. Jazz Improvisation.** 2 hours. (2;0) Materials and practices for improvising in the jazz idiom. Prerequisite(s): grades no lower than B in applied music concentration; MUJS 1132, MUJS 1370, MUJS 1371 and MUJS 1470 with grades of A or B; and entrance audition.

**MUJS 2370. Jazz Improvisation.** 2 hours. (2;0) Continuation of MUJS 2360. Prerequisite(s): grades no lower than B in applied music concentration; MUJS 2360 with grade of A or B.

**MUJS 2900. Special Problems.** 1–3 hours. Prerequisite(s): consent of college.

**MUJS 3120. Vocal Jazz Techniques.** 2 hours. (2;0) A practical study of the basic vocal, interpretative, and microphone techniques for the performance of vocal jazz. Prerequisite(s): MUTH 1500, MUJS 1370, MUJS 1371 and MUJS 1470. May be repeated for credit, contingent on a minimum grade of B.

**MUJS 3131. Intermediate Jazz Guitar.** 1 hour. (0;2) A study of the composition and melodic solo styles of major artists. Prerequisite(s): MUJS 1131 and MUJS 1132.

**MUJS 3132. Advanced Jazz Guitar.** 1 hour. (0;2) A study of jazz guitar chord solos involving concepts of substitution and the reharmonization of melodies. Prerequisite(s): MUJS 3131.

**MUJS 3140. Advanced Jazz Double-Bass Styles.** 2 hours. A continuation of Jazz Bass Fundamentals and the study of the accompaniment and solo styles of major artists. Prerequisite(s): MUJS 1140.

**MUJS 3150. Advanced Jazz Piano Master Class.** 1 hour. (0;2) Study of jazz piano style and performance practice.

**MUJS 3360. Advanced Jazz Improvisation.** 2 hours. (2;0) Performances of improvised solos. Includes standards and original works. Improvisation by memory and reading chord symbols. Prerequisite(s): grades no lower than B in applied music concentration; MUJS 2370 with grade of A or B; Jazz Studies Proficiency Examination.

**MUJS 3370. Advanced Jazz Improvisation.** 2 hours. (2;0) Continuation of MUJS 3360. Prerequisite(s): grades no lower than B in applied music concentration; MUJS 3360 with grade of A or B.

**MUJS 3470. Jazz Lecture Series.** 1 hour. (1;0) Contemporary jazz composition, performances and presentations by nationally recognized composers, arrangers and performers. Open to majors in other fields by consent of college.

**MUJS 3610. Jazz Arranging.** 3 hours. Jazz harmony, melody and rhythm applied to modern instrumentation; arrangements written and played. Prerequisite(s): MUJS 1370, MUJS 1371 and MUJS 1470 with grades of A or B, MUTH 1500 and MUTH 1510, or consent of college.

**MUJS 3620. Jazz Arranging.** 3 hours. Continuation of MUJS 3610. Prerequisite(s): MUJS 3610 with grade of A or B.

**MUJS 4120. Vocal Jazz Styles.** 2 hours. (1;1) Advanced vocal and recording techniques for the jazz studies major with a vocal concentration. Performing and recording with instrumental groups. Prerequisite(s): MUJS 3120 (four terms/semesters), and completion of vocal concentration requirements. Concurrent enrollment in MULB 1820, Jazz Singers, required. May be repeated for credit, contingent on a minimum grade of B.

**MUJS 4450. Radio and Television Music.** 3 hours. Composition, orchestration and production of music for advertising and broadcast. Prerequisite(s): MUJS 3620 or consent of college.

**MUJS 4470. History of Jazz.** 3 hours. A chronological survey of the major styles and artists of jazz, from African acculturation in the New World to the present. Prerequisite(s): MUJS 1470 with grade of C or higher.

**MUJS 4610. Advanced Jazz Arranging.** 3 hours. (2;4) Analysis and composition of music for the modern jazz orchestra. Prerequisite(s): MUJS 3620 with grade of A or B, and passing grade on Jazz Studies Proficiency Examination. Corequisite(s): MULB 1808 or consent of department.

**MUJS 4620. Advanced Jazz Arranging.** 3 hours. (2;4) Continuation of MUJS 4610. Prerequisite(s): MUJS 4610 with a grade of A or B.

**MUJS 4630. Vocal Jazz Arranging.** 3 hours. Group and individual instruction in jazz harmony, rhythm and melody, applied to contemporary vocal ensemble. Arrangements written and performed. Prerequisite(s): MUJS 3610 with minimum grade of B. Concurrent enrollment in MUEN 2624, Jazz Singers, required.

**MUJS 4700. Jazz MIDI Performance Seminar.** 3 hours. (2;1) The application of Musical Instrument Digital Interface technology to contemporary jazz composing, arranging and performance. Introduction to MIDI hardware and software. Multi-track programming, recording and editing. Preparation of professional quality project on tape with hard copy print-outs of score and parts for performance. Prerequisite(s): MUJS 2370, MUJS 3620; MUAG 1014; or equivalent.

**MUJS 4710. Advanced Jazz MIDI Techniques.** 3 hours. (2;1) Continuation of MUJS 4700 with emphasis on notation software, sound editor and librarian software and digital sampling techniques. Preparation of a professional quality project involving the printing of a full score and individual parts. Prerequisite(s): MUJS 4700 or consent of college.

**MUJS 4900-MUJS 4910. Special Problems.** 1–3 hours each. Prerequisite(s): consent of college.

**MUJS 4951. Honors College Capstone Thesis.** 3 hours. Major research project prepared by the student under the supervision of a faculty member and presented in standard thesis format. An oral defense is required of each student for successful completion of the thesis. Prerequisite(s): completion of at least 6 hours in honors courses; completion of at least 12 hours in the major department in which the thesis is prepared; approval of the department chair and the dean of the school or college in which the thesis is prepared; approval of the dean of the Honors College. May be substituted for HNRS 4000.

### **Music Laboratories, MULB**

**MULB 1801. A Cappella Choir.** 1 hour. (0;5)

**MULB 1802. Concert Choir.** 1 hour. (0;5)

**MULB 1803. Women's Chorus.** 1 hour. (0;5)

**MULB 1804. Recital Choir.** 1 hour. (0;5) Admission by audition only.

**MULB 1805. Orchestra.** 1 hour. (0;6)

**MULB 1806. Wind Symphony.** 1 hour. (0;4)

**MULB 1807. Symphonic Band.** 1 hour. (0;4)

**MULB 1808. Jazz Lab Band.** 1 hour. (0;4)

**MULB 1811. Accompanying.** 1 hour. (0;4) Studio accompanying or sight-reading classes according to capability.

**MULB 1812. Marching Band.** 1 hour. (0;4)

**MULB 1813. Concert Band.** 1 hour. (0;4)

**MULB 1815. Men's Chorus.** 1 hour. (0;5)

**MULB 1816. Chamber Choir.** 1 hour. (0;5)

**MULB 1817. Jazz Guitar Laboratory.** 1 hour. (0;4)

**MULB 1818. Jazz Repertory Laboratory.** 1 hour. (0;4)

**MULB 1819. Jazz Keyboard Laboratory.** 1 hour. (0;4)

**MULB 1820. Jazz Singers Laboratory.** 1 hour. (0;4)

**MULB 1821. Latin Jazz Lab.** 1 hour. (0;4)



**Sacred Music, MUSM** – see *Graduate Catalog***Theory, Music, MUTH**

**MUTH 1260. Music Fundamentals.** 3 hours. Introduction to elements of music, staff, clefs, key signatures, scales, time signatures and notation; meter and rhythm; theory applications at keyboard. Credit in this course may not be applied to a music degree.

**MUTH 1400 (MUSI 1211 or MUSI 1311). Theory I.** 2 hours. (2;0) Large-lecture format. Introduction to analysis, part writing, figured bass realization, and harmonization beginning with melody and two-part exercises. Prerequisite(s): MUTH 1260 with a grade of C or better, or a passing grade on the Theory Placement Exam. Corequisite(s): MUTH 1410.

**MUTH 1410 (MUSI 1116 or MUSI 1216 or MUSI 1316). Aural Skills I.** 2 hours. (2;1) Reinforcement of theoretical concepts presented in MUTH 1400 via singing, ear training, keyboard, and conducting experiences. Prerequisite(s): MUTH 1260 with a grade of C or better, or a passing grade on the Theory Placement Exam. Corequisite(s): MUTH 1400.

**MUTH 1500 (MUSI 1212 or MUSI 1312). Theory II.** 2 hours. (2;0) Continuation of analysis, part writing, figured bass realization and harmonization covering harmonic vocabulary of 18th-century music and smaller forms of the Baroque period. Prerequisite(s): MUTH 1400 and MUTH 1410, both with a grade of C or better. Corequisite(s): MUTH 1510.

**MUTH 1510 (MUSI 1117 or MUSI 1217 or MUSI 1317). Aural Skills II.** 2 hours. (2;1) Reinforcement of theoretical concepts presented in MUTH 1500 via singing, ear training, keyboard, and conducting experiences. Prerequisite(s): MUTH 1400 and MUTH 1410, both with a grade of C or better. Corequisite(s): MUTH 1500.

**MUTH 2400 (MUSI 2211 or MUSI 2311). Theory III.** 2 hours. (2;1) Analysis, part writing, figured bass realization and harmonization covering harmonic vocabulary of late eighteenth and nineteenth centuries, larger forms of the Baroque era and form of the Classic and Romantic eras. Computer competency skills are included. Prerequisite(s): MUTH 1500 and MUTH 1510, both with a grade of C or better. Corequisite(s): MUTH 2410.

**MUTH 2410 (MUSI 2116 or MUSI 2216). Aural Skills III.** 1 hour. (2;0) Reinforcement of theoretical concepts presented in MUTH 2400 via singing, ear training, keyboard and conducting experiences. Prerequisite(s): MUTH 1500 and MUTH 1510, both with a grade of C or better. Corequisite(s): MUTH 2400.

**MUTH 2500 (MUSI 2212 or MUSI 2312). Theory IV.** 2 hours. (2;1) Analysis, part writing and harmonization covering musical practice of the period from 1880 to 1950. Prerequisite(s): MUTH 2400 and MUTH 2410, both with a grade of C or better. Corequisite(s): MUTH 2510.

**MUTH 2510 (MUSI 2117 or MUSI 2217). Aural Skills IV.** 1 hour. (2;0) Reinforcement of theoretical concepts presented in MUTH 2500 via singing, ear training, keyboard and conducting experiences. Prerequisite(s): MUTH 2400 and MUTH 2410, both with a grade of C or better. Corequisite(s): MUTH 2500.

**MUTH 2900. Special Problems.** 1–3 hours. Prerequisite(s): consent of college.

**MUTH 3410. Sixteenth-Century Counterpoint.** 3 hours. (3;0) Contrapuntal procedures of 16th-century composers. Writing motets and madrigals in two to four voices. Prerequisite(s): MUTH 2400 and MUTH 2410, both with a grade of C or better.

**MUTH 3420. Eighteenth-Century Counterpoint.** 3 hours. Contrapuntal procedures of 18th-century composers. Writing inventions, chorale preludes and other 18th-century forms. Prerequisite(s): MUTH 2400 and MUTH 2410, both with a grade of C or better.

**MUTH 3510. Form Analysis.** 3 hours. Structural principles of 18th- and 19th-century music determined by analysis of major composers' works, larger instrumental and vocal forms. Prerequisite(s): MUTH 2400 and MUTH 2410, both with a grade of C or better.

**MUTH 3520. Harmonic Analysis.** 3 hours. Harmonic structure of compositions representative of different schools and composers. Prerequisite(s): MUTH 2400 and MUTH 2410, both with a grade of C or better.

**MUTH 3550. Advanced Sight Singing.** 1 hour. (0;3) Instruction and practice in sight-singing materials more difficult than those taught in freshman- and sophomore-level theory classes. Development of speed reading; use of all C clefs; techniques in reading contemporary scores. Prerequisite(s): MUTH 2510 with a grade of C or better, and Theory Proficiency Exam.

**MUTH 4370. Schenkerian Analysis.** 3 hours. (3;0) Analysis of tonal music according to the theory of structural levels and methods of graphic analysis developed by Heinrich Schenker. Prerequisite(s): MUTH 2400 and MUTH 2410, both with a grade of C or better.

**MUTH 4520. Twentieth-Century Techniques.** 3 hours. Dodecaphonic and atonal set theory techniques as applied to representative works of the 20th century. Prerequisite(s): MUTH 2500 and MUTH 2510, both with a grade of C or better.

**MUTH 4900-MUTH 4910. Special Problems.** 1–3 hours each. Prerequisite(s): consent of college.

**MUTH 4920. Senior Colloquium in Music Theory.** 3 hours. In consultation with the instructor, each student is to develop a major paper on a specialized topic in music theory, as appropriate to advanced undergraduate standing. Prerequisite: MUTH 3410, MUTH 3420, MUTH 3510, MUTH 3520 and MUTH 3550.

**MUTH 4951. Honors College Capstone Thesis.** 3 hours. Major research project prepared by the student under the supervision of a faculty member and presented in standard thesis format. An oral defense is required of each student for successful completion of the thesis. Prerequisite(s): completion of at least 6 hours in honors courses; completion of at least 12 hours in the major department in which the thesis is prepared; approval of the department chair and the dean of the school or college in which the thesis is prepared; approval of the dean of the Honors College. May be substituted for HNRS 4000.

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## Music Education

see Music