DANA SCHOOL OF MUSIC

Dr. Randall Goldberg, Director
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Dana School of Music web page
Audition Information (http://www.ysu.edu/academics/college-creative-arts-and-communication/dana-school-of-music/admission)

Welcome to the Dana School of Music! Founded 150 years ago, Dana is one of the oldest institutions of its kind in the United States. Our talented and vibrant faculty and students are involved with more than 100 events annually, including performances in historic regional halls (including the DeYor Performing Arts Center (http://www.youngstownsymphony.com) and Stambaugh Auditorium (http://www.stambaughauditorium.com)), distinguished lecturers, guest artists, and research pursuits. Our many illustrious alums may be found performing in orchestras, opera companies, prestigious military groups, and other touring ensembles; enshrined as Hall of Fame Songwriters and Grammy Award winners; and teaching in conservatories, universities, and primary and secondary schools throughout the US. More than 50 faculty and staff maintain a tradition of conservatory-style music training and musical excellence in an urban research university setting.

We are accredited by the National Association of Schools of Music and offer a comprehensive listing of undergraduate Bachelor of Music degree programs as well as Bachelor of Arts options that provide additional breadth of study. Graduate students may earn a Master of Music degree in performance, music education, jazz, history and literature, and theory and composition. This section of the YSU Bulletin, along with the accompanying curriculum pages, provides basic information about Dana’s facilities, course offerings, and requirements for entrance and graduation. To learn more about our degree programs, faculty, students, facilities, entrance requirements, and scholarships, please visit our website (https://ysu.edu/academics/college-creative-arts-and-communication/dana-school-of-music) or contact the Dana School of Music directly at 330-941-3636. To schedule a personalized campus visit, contact the Cliffe College Coordinator of Admission and Recruitment at 330-941-3625. We would love to show you our school, hear about your interests, and become an important part of your future. We will look forward to seeing you soon!

Best wishes,
Randall Goldberg

Mission Statement
The Dana School of Music fosters a vibrant community of student and faculty musicians/scholars who work across broad yet interrelated areas of inquiry including performance, improvisation, education, composition, pedagogy, theory, history, technology, research, and the music industry. The Dana School of Music leads in the pursuit of musical excellence and the discovery, dissemination, and application of knowledge; encourages creativity and collaboration; and advocates for the importance of the arts in society.

The Dana School of Music
• Creates diverse educational experiences that develop ethical, intellectually curious students who advance the intellectual and cultural life of the university, regionally, nationally, and internationally through performances, recordings, research, teaching, and other public activities
• Offers undergraduate programs in performance, jazz performance, music education, composition, music theory, music history and literature, and music recording as well as tracks in entrepreneurship, non-profit leadership, and video production
• Offers graduate programs in performance, music education, jazz studies, conducting, music theory/composition, and music history and literature

Learning Outcomes
General Outcomes
• Students will perform a public recital in their applied area.
• Students will analyze music, discriminate pitch, harmony, and rhythm, and perform harmonic progressions at the piano.
• Students will demonstrate critical thinking about the various historical periods, cultural contexts, and social forces that influence musical activity.
• Students will demonstrate basic keyboard proficiency including scales, arpeggios, harmonization, repertoire, transpositions, and score reading.

Additional Outcomes for Specific Programs
• BM – Composition: Students will compose music in a variety of genres.
• BM – Jazz Studies: Students will perform, improvise, compose, and arrange jazz music.
• BM – Recording: Students will record, edit, and produce music.
• BA – Music History/Music Theory: Students will complete a research project, inclusive of a final document, on a music-historical or music-theoretical subject.

Accreditation
The Dana School of Music is accredited by the National Association of Schools of Music (NASM) (https://nasm.arts-accredit.org).
• Date of Initial Accreditation: 9/1/1947
• Year of Most Recent Comprehensive Review: 2010
• Academic Year of Next Scheduled Comprehensive Review: 2020-2021

Dana School of Music requirements for entrance and graduation are in accordance with the published regulations of the National Association of Schools of Music.

Programs
The curriculum may be divided into seven components:
• composition
• music education
• music theory
• music history
• performance
• music recording
• liberal arts

Bachelor of Music
The Bachelor of Music degree may be earned in the following majors:
• composition
• jazz
• music education
• music recording emphasis
• percussion
• piano
• organ
• standard brass, string, or wind instruments
• voice

Bachelor of Arts
The Bachelor of Arts degree may be earned in the following majors:

- music history
- music theory
- performance

The BA degrees allow for work in minor areas. For instance, the BA in Performance allows for more extensive coursework in nonprofit leadership, entrepreneurship, and video production.

**Bachelor of Music in Education**

The music education program prepares students for licensure as music teachers in the public schools and also provides other courses necessary for general elementary teaching certificates. Through excellent collaboration between the University and area school districts and teachers, music education students have a variety of opportunities for observation and student teaching.

For further information, please see the Cliffe College of Creative Arts and Communication advisement page (http://www.ysu.edu/academics/college-creative-arts-and-communication/ccac-advisement).

**Facilities**

The Dana School is one of four departmental units in the Cliffe College of Creative Arts and Communication. Housed in Bliss Hall, the School includes practice rooms, faculty studios, classrooms, rehearsal facilities, and the Bliss Recital Hall, which has a seating capacity of 237. Our faculty and students also perform in several regional halls, including Stambaugh Auditorium (http://www.stambaughauditorium.com) and the DeYor Performing Arts Center (http://www.youngstownsymphony.com/special-events).

**Equipment**

Equipment includes

- 92 Steinway pianos
- 30 MIDI pianos
- harpsichord by Dowd
- two Schlicker pipe organs
- three Flentrop pipe organs
- consort of Renaissance wind and brass instruments
- a comprehensive collection of standard band and orchestral instruments

Many University-owned instruments are available for use by students enrolled in related courses. Although there is no charge for use of these instruments, failure to comply with check-in deadlines will result in a $5.00-a-day fine or replacement for each instrument.

**MIDI Classroom**

The Dana School of Music provides students with the opportunity to utilize state-of-the-art technology; music computer software and hardware includes advanced music notation, music sequencing (composition/arranging), and automatic accompaniment applications. The classroom features Macintosh workstations, each fully MIDI-equipped.

**Music Recording Studio**

The Dana Recording Studio features a 12 core Intel Mac tower running Avid Pro-Tools 11, MOTU Digital Performer 7.24, and Apple Logic DAWs software. We have Universal Audio Apollo interfaces and a Tascam DM4800 fully automated mix surface that also serves as an additional audio interface.

The studio utilizes outboard Kurzweil and Roland keyboards, controllers, and synths, as well as Reason 7 and the Native Instruments Komplete 10 software package. We feature Shure Large Diaphragm Condenser mics, Audio Technica SDC mics, Shure Beta 58s and 57s; our mic locker also includes a matched pair of Cascade Fathead II ribbon microphones. We use Genelec 1031 monitoring system with 7050b Sub.

**Libraries**

The School’s extensive libraries of band, choral, and orchestral music represent musical periods from the Middle Ages to the present. Maag Library (http://maag.ysu.edu) contains books, an extensive collection of printed music, recordings, research journals, and additional technology.

**Scholarships and Loans**

The Dana School of Music offers a wide range of scholarships, which are awarded after competitive auditions on the basis of talent and academic achievement. For information about additional scholarships, please visit the YSU Scholarship Search (http://cfweb.cc.ysu.edu/finaid/scholar/est_scholar.cfm) page.

**Musical Activities, Ensembles**

Each year, Dana School of Music faculty and students perform over 100 concerts in the region, across the United States, and internationally. Recent student performances have included Wind Ensemble concerts in Carnegie Hall and at the Ohio Music Education Association Annual Professional Conference; Stroud All-Ohio Classical Guitar Competition; Jazz Ensembles at BLU Jazz; Percussion Ensemble performances at the Ohio Music Education Association Annual Professional Conference; and Dana Chorale concerts in South Korea. Faculty concerts have featured Dr. Kivie Cahn-Lipman with ACRONYM (http://www.acronymensemble.com/home); Dr. Kent Englehardt with the East Central Jazz Educators All Star Big Band (https://www.facebook.com/ECJEAllStarBigBand); Drs. Francois Fowler and Kathryn Umble with Duo Allant (http://www.duoallant.com/home.html); Dr. Misook Yun in Hungary (http://www.summermusicstudyinhungary.com/copy-of-faculty); and Dr. Cicilia Yudha with the Duke University Symphony Orchestra (https://www.ciciliayudha.com/2017).

The School has numerous performing ensembles:

- Barbershop Chorus
- Brass, Percussion, String, and Woodwind Ensembles
- Chamber Music
- Chamber Orchestra
- Composer Ensemble
- Concert Band
- Dana Chorale
- Dana Symphony Orchestra
- Early Music Ensemble
- Gospel Choir
- Jazz Combos
- Jazz Ensemble
- Marching Band
- Opera Workshop
- Wind Ensemble
- University Chorus

**Student Activities**

Music students may participate in all Youngstown State University student activities. Of special interest to music students are the student chapters of:

- Dana Guitar Association
- Dana Piano Guild
- Dana Research Society
- Dana Vocal Society
- New Music Society
Pre-college or preparatory study, of two kinds
1. Academic. These courses are normally taken in high school. All deficiencies must be satisfied prior to completing 60 semester hours at YSU.
2. Musical. A student lacking suitable proficiency in applied studies must develop it before undertaking the required college-level music courses.

University Requirements
Non-music courses and other requirements to be completed are listed in the Curriculum Sheet (https://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/programsofstudytext) of each degree program. An overview of YSU’s General Education program and lists of courses by domain may be found here (https://catalog.ysu.edu/undergraduate/general-information/academic-policies-procedures/general-education-requirements/#text).

Degree Requirements
All music majors must attend 36 Convocations and 30 Dana School of Music concerts or recitals. During the semester, Convocation meets every Friday (11:00-11:50) in Bliss Recital Hall. Attendance at 36 convocations is recommended in the first two years and required for degree completion. Attendance at 30 recitals is mandatory in the first two years. Students are asked to save printed programs from any recitals or concerts they attend as evidence of their presence.

Double Major: Music Performance and Music Education
Students who wish to complete a major (Bachelor of Music or Bachelor of Arts degree) in an instrument or in voice, theory, or composition and also a major in music education, should consult the Director of the Dana School of Music.

Although the Dana School of Music offers a variety of degrees and majors in music, it is our desire that all music students have significant musical experiences as a foundation for more specialized training.

Curricular
For All Music Majors
Acceptance into a performance area is contingent upon an audition (http://www.ysu.edu/academics/college-creative-arts-communication/dana-school-of-music/admission). Students who do not qualify for major-level lessons (e.g., PIAN 1501, FLUT 1501) may take the relevant minor-level lessons (e.g., PIAN 1500A, FLUT 1500A) until the deficiency is corrected.

After an examination given by members of the faculty, advanced standing in performance may be granted tentatively (e.g., for transfer students). The final classification is made at the end of the first semester of resident study.

Enrollment in private lessons is contingent upon the approval of the Director of the Dana School of Music, with priority given to full-time music majors and music minors participating in major ensembles.

Teacher Assignment for applied lessons
Assignment of students to teachers for applied music lessons is made by the area coordinator. Requests for change of teacher should be addressed to the coordinator in writing. To the extent possible, a student’s choice of applied teacher will be taken into consideration but final assignment resides with the Director of the School of Music.

Lessons
Students registered for 4 s.h. courses receive 50-minutes of individual instruction and one 50-minute seminar weekly; they are required to practice three hours daily. Students registered for 2 and 3 s.h. courses receive 50-minutes of individual instruction and one 50-minute seminar weekly; they are required to practice two hours daily. Students registered for minor-level
lessons receive individual instruction for 30 minutes each week and are required to practice one hour daily.

If a student misses more than three lessons in any semester, no credit will be given in applied lessons. Lessons missed due to legal holidays or school closings will not be rescheduled. In the case of prolonged student illness, the lessons may be rescheduled at the discretion of the applied teacher.

Recitals
Recognizing that performing for an audience plays a vital role in musical and artistic growth, the Dana School offers its students many opportunities to perform in public as a way to foster that development. Attendance at 30 recitals is mandatory in the first two years.

Convocation
The Assistant Director of the School arranges weekly programs of lectures and student and faculty performances. Attendance at 36 convocations is recommended in the first two years and required for degree completion.

Young Artist Competition
An annual concert by the Dana Symphony Orchestra features student soloists chosen by competition.

Dana Young Scholars Award
Dana Young Scholars Award celebrates student research in music. The competition is open to all graduate students as well as undergraduate students, at the sophomore level or higher, who are pursuing a music degree in the Dana School of Music.

Degree and Non-degree Recitals
In partial fulfillment of graduation requirements, each candidate for the Bachelor of Music degree must present a senior recital. Performance majors must present a half-hour recital their junior year and a one-hour recital their senior year. Composition majors must present 75 minutes of music, and music education majors a half-hour recital of music. Outstanding students may present non-degree recitals, subject to certain conditions; for more information, students should talk with their studio faculty. Student recitals should include a varied and balanced repertory, preparation of a printed program and program notes, and consideration of performance aspects such as attire, stage deportment, and marketing to an audience. No later than 21 days prior to the projected recital date, a recital hearing will be held. During that time, a student who plans to present a degree recital must be prepared to perform the recital program for faculty approval.

Examinations
During examination week of each term, performance faculty members convene to determine if students may proceed to the next higher proficiency level of applied study. Frequency of required examinations differs among the various performance areas (for specifics, consult the syllabus of the performance area concerned). Transfer students are examined at the end of their first or second term of study, as established by the individual performance area. Students presenting an approved degree recital may be granted a waiver of examination for the term of the recital. Students who have earned a grade of C or lower, or with a grade of PR, may be retained in the same proficiency level. Students who fail to meet the standards of the examining faculty may be required to reduce the number of credits for which they register in subsequent terms or withdraw completely from the course sequence.

To meet certain needs, each applied area (e.g., keyboard, brass, strings) may vary the above requirements. For details, consult with the appropriate area coordinator.

For more information, visit the Dana School of Music (http://www.ysu.edu/academics/college-creative-arts-and-communication/dana-school-of-music).

Ensembles
There are two types of ensembles in the Dana School of Music:

- large ensembles
- chamber ensembles

Large ensembles rehearse a total of three or four hours per week, and chamber ensembles rehearse for one to two hours per week.

Large Ensembles

<table>
<thead>
<tr>
<th>COURSE</th>
<th>TITLE</th>
<th>S.H.</th>
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</thead>
<tbody>
<tr>
<td>MUEN 0002</td>
<td>Dana Chorale</td>
<td>1</td>
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<tr>
<td>MUEN 0003</td>
<td>Dana Madrigal</td>
<td>1</td>
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<tr>
<td>MUEN 0004</td>
<td>University Chorus</td>
<td>1</td>
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<tr>
<td>MUEN 0005</td>
<td>Concert Band</td>
<td>1</td>
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<tr>
<td>MUEN 0006</td>
<td>Marching Band</td>
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<tr>
<td>MUEN 0007</td>
<td>Wind Ensemble</td>
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<tr>
<td>MUEN 0008</td>
<td>Symphony Orchestra</td>
<td>1</td>
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<tr>
<td>MUEN 0023</td>
<td>Jazz Ensemble</td>
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</tr>
<tr>
<td>MUEN 0040</td>
<td>University Band (spring only)</td>
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Chamber Ensembles

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<tr>
<th>COURSE</th>
<th>TITLE</th>
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<tbody>
<tr>
<td>MUEN 0009</td>
<td>Percussion Ensemble</td>
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<tr>
<td>MUEN 0010</td>
<td>String Ensemble</td>
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<tr>
<td>MUEN 0012</td>
<td>Dana Opera Ensemble</td>
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<tr>
<td>MUEN 0013</td>
<td>Contemporary Ensemble</td>
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<tr>
<td>MUEN 0014</td>
<td>Women's Chorus</td>
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<tr>
<td>MUEN 0015</td>
<td>Early Music Ensemble</td>
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<tr>
<td>MUEN 0016</td>
<td>Woodwind Ensemble</td>
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<td>MUEN 0017</td>
<td>Brass Ensemble</td>
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<tr>
<td>MUEN 0018</td>
<td>Horn Choir</td>
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<tr>
<td>MUEN 0019</td>
<td>Trombone Ensemble</td>
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<tr>
<td>MUEN 0020</td>
<td>Tuba Ensemble</td>
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<tr>
<td>MUEN 0021</td>
<td>Brass Chamber Ensemble</td>
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<tr>
<td>MUEN 0022</td>
<td>Trumpet Ensemble</td>
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<tr>
<td>MUEN 0024</td>
<td>Composer's Ensemble</td>
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<tr>
<td>MUEN 0026</td>
<td>Chamber Orchestra</td>
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<tr>
<td>MUEN 0028</td>
<td>Chamber Winds</td>
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<tr>
<td>MUEN 0029</td>
<td>Guitar Ensemble</td>
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<tr>
<td>MUEN 0030</td>
<td>Jazz Combo</td>
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<tr>
<td>MUEN 0035</td>
<td>Saxophone Quartet</td>
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<tr>
<td>MUEN 0041</td>
<td>Basketball Pep Band (spring only)</td>
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<tr>
<td>MUEN 0051</td>
<td>Piano Chamber</td>
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Ensemble courses are open to all students in the University who are qualified for them and any ensemble course may be repeated any number of semesters. Requirements in addition to the above but unique to each ensemble:

- Dana Opera Ensemble 0012 culminates in the production of one or more operas. Credit is given in accordance with the amount of work chosen by the student, ranging from 1-3 s.h.
- Woodwind and brass ensembles may include quartets, quintets, and various other combinations of instruments. 1 s.h. each.

For additional information, visit the Dana School of Music (http://www.ysu.edu/academics/college-creative-arts-and-communication/dana-school-of-music).

Chair
Randall E. Goldberg, Ph.D., Associate Professor, Chair
Majors

- Bachelor of Arts in Music, Applied Music Emphasis (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/ba-music-applied-music-emphasis)
- Bachelor of Arts in Music, Music History Emphasis (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/ba-music-music-history-emphasis)
- Bachelor of Arts in Music, Music Theory Emphasis (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/ba-music-music-theory-emphasis)
- Bachelor of Arts in Music, Nonprofit Leadership Emphasis (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/bm-performance-nonprofit-leadership-emphasis)
- Bachelor of Music in Composition (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/bm-composition)
- Bachelor of Music in Education, Instrumental Emphasis (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/bm-education-instrumental-emphasis)
- Bachelor of Music in Education, Keyboard Emphasis (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/bm-education-keyboard-emphasis)
- Bachelor of Music in Education, Voice Emphasis (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/bm-education-voice-emphasis)
- Bachelor of Music in Performance, Instrumental Emphasis (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/bm-performance-instrumental-emphasis)
- Bachelor of Music in Performance, Jazz Emphasis (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/bm-performance-jazz-emphasis)
- Bachelor of Music in Performance, Organ Emphasis (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/bm-performance-organ-emphasis)
- Bachelor of Music in Performance, Piano Emphasis (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/bm-performance-piano-emphasis)
- Bachelor of Music in Performance, Voice Emphasis (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/bm-performance-voice-emphasis)
- Bachelor of Music with an Emphasis in Music Recording (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/bm-music-recording-technology-musicianship-emphasis)

Minors

- Music Minor (http://catalog.ysu.edu/undergraduate/colleges-programs/college-creative-arts-communication/school-music/music-minor)

Music Applied Classes

MUAC 1521 Keyboard Musicianship for Non-Music Majors 1 1 s.h.
Intended for the student with no previous music studies, this first-semester course develops fundamental piano playing, through the study of music fundamentals and repertoire.

MUAC 1522 Keyboard Musicianship for Non Music Majors 2 1 s.h.
Continuation of MUAC 1521. Intended for the student with no previous music studies, this second-semester course develops fundamental piano playing, through the study of music fundamentals and repertoire.
Prereq.: MUAC 1521 or permission of instructor.

MUAC 1556 Singer’s Diction: English/Italian 1 s.h.
Application of the principles of Lyric diction; utilization of the International Phonetic Alphabet in developing and reading phonetics transcriptions of English, Italian song texts.

MUAC 1557 Singer’s Diction: German 1 s.h.
Application of the principles of Lyric diction; utilization of the International Phonetic Alphabet in developing and reading phonetics transcriptions of German song texts.

MUAC 1558 Singer’s Diction: French 1 s.h.
Application of the principles of Lyric diction; utilization of the International Phonetic Alphabet in developing and reading phonetics transcriptions of French song texts.
MUAC 1581 Class Piano 1 1 s.h.
Intended for and required of all non-keyboard music majors, the first-semester course builds functional skills at the piano. Students develop techniques to perform all major scales and arpeggios, sight reading, triads and inversion, primary chords, harmonization of popular and/or folk tunes, and repertoire with both hands.
Coreq.: Major-level applied lessons (1501 or higher) or permission of coordinator.

MUAC 1582 Class Piano 2 1 s.h.
Continuation of MUAC 1581 and required of all non-keyboard music majors. Students hone piano techniques by performing major and minor scales and arpeggios, score analysis, transposition, harmonization of popular and/or folk tunes with extended chords, and solo/ensemble repertoire with both hands.
Prereq.: grade of "C" or better in MUAC 1581.
Coreq.: Major-level applied lessons (1501 or higher), placement test, or permission of coordinator.

MUAC 2667 Jazz Improvisation 1 3 s.h.
Jazz techniques with emphasis on analysis of harmonic progressions, form, style, and performance requirements of the jazz idiom.
Prereq.: MUTC 1531 or MUTC 1531N or permission of the instructor.

MUAC 2668 Jazz Improvisation 2 3 s.h.
Jazz techniques with emphasis on analysis of harmonic progressions, form, style, and performance requirements of the jazz idiom.
Prereq.: MUTC 1531 or MUTC 1531N or permission of the instructor.

MUAC 2681 Class Piano 3 1 s.h.
Continuation of MUAC 1581-1582 and required of all non-keyboard music majors. Students perform all technical requirements with fluidity and early intermediate repertoire with appropriate musical style. Emphasis on two- to three-part score reading involving transpositions, harmonization with secondary dominant chords and various accompanying patterns.
Prereq.: grade of "C" or better in MUAC 1582.
Coreq.: Major-level applied lessons (1501 or higher), placement test, or permission of coordinator.

MUAC 2682 Class Piano 4 1 s.h.
Final class piano required of all non-keyboard music majors that culminates in the Piano Proficiency Exam. The course emphasizes solo repertoire (including a patriotic selection for Music Education and Voice majors), three- and four-part score reading excerpts of choral, mixed-instruments repertoire, advanced accompanying, and introduction to piano pedagogy. 1 s.h. 202020.
Final class piano required of all non-keyboard music majors that culminates in the Piano Proficiency Exam. The course emphasizes solo repertoire (including a patriotic selection for Music Education and Voice majors), three- and four-part score reading excerpts of choral, mixed-instruments repertoire, advanced accompanying, and introduction to piano pedagogy. Prereq.: grade of "C" or better in MUAC 2681. 202020

MUAC 2691 Professional Piano Skills 1 1 s.h.
The course consists of a combination of piano skills in addition to vocal and instrumental accompanying. These may include transposition, sight reading, improvisation, creation of piano accompaniment, reading of lead-sheets and numbered bass, playing basic piano accompaniments in a number of styles including gospel, country, classical, new age, and/or the knowledge of and ability to play excerpts of the major classical works for piano for medley play and demonstration in a teaching environment.

MUAC 2692 Professional Piano Skills 2 1 s.h.
The course consists of a combination of piano skills in addition to vocal and instrumental accompanying. These may include transposition, sight reading, improvisation, creation of piano accompaniment, reading of lead-sheets and numbered bass, playing basic piano accompaniments in a number of styles including gospel, country, classical, new age, and/or the knowledge of and ability to play excerpts of the major classical works for piano for medley play and demonstration in a teaching environment.

MUAC 2693 Professional Piano Skills 3 1 s.h.
The course consists of a combination of piano skills in addition to vocal and instrumental accompanying. These may include transposition, sight reading, improvisation, creation of piano accompaniment, reading of lead-sheets and numbered bass, playing basic piano accompaniments in a number of styles including gospel, country, classical, new age, and/or the knowledge of and ability to play excerpts of the major classical works for piano for medley play and demonstration in a teaching environment.

MUAC 2694 Professional Piano Skills 4 1 s.h.
The course consists of a combination of piano skills in addition to vocal and instrumental accompanying. These may include transposition, sight reading, improvisation, creation of piano accompaniment, reading of lead-sheets and numbered bass, playing basic piano accompaniments in a number of styles including gospel, country, classical, new age, and/or the knowledge of and ability to play excerpts of the major classical works for piano for medley play and demonstration in a teaching environment.

MUAC 2695 Guitar Methods 1 s.h.
Study of the guitar at the beginning level to explore techniques and approaches appropriate to school music instruction. A minimum level of performance is required.
Prereq.: EDFN 1501.

MUAC 2750 Voice Class 1 s.h.
A study of voice at the beginning level to explore techniques and approaches appropriate to school music instruction. A minimum level of performance is required. May be repeated.
Prereq.: MUTC 1531 or MUTC 1531N or permission of the instructor.

MUAC 3734 String Methods 1 s.h.
Designed to prepare students for instrumental music teaching relative to string instruments (violin, viola, cello, string bass). Components include concepts of tone production, bowing, fingering as well as appropriate evaluation of pedagogy. Study material stresses common features as well as differences.
Prereq.: MUTC 1531 or MUTC 1531N or permission of instructor.

MUAC 3735 Jazz Methods 1 s.h.
Designed to prepare students for instrumental music teaching relative to brass instruments. Emphasis on tone production, the harmonic series, technique development, ranges and transposition, pedagogy, troubleshooting, and arranging techniques for brass instruments. Meets 2 hours per week.
Prereq.: MUTC 1531 or MUTC 1531N or permission of the instructor.

MUAC 3735 Guitar Methods 1 s.h.
Study of the guitar at the beginning level to explore techniques and approaches appropriate to school music instruction. A minimum level of performance is required.
Prereq.: EDFN 1501.

MUAC 2696 Voice Class 1 s.h.
A study of voice at the beginning level to explore techniques and approaches appropriate to school music instruction. A minimum level of performance is required. May be repeated.
Prereq.: MUTC 1531 or MUTC 1531N or permission of the instructor.

MUAC 3736 Percussion Methods 1 s.h.
Study of snare drum, marching percussion, timpani, jazz drum set, keyboard, Latin percussion, and orchestral accessories. Topics include instrument selection and maintenance techniques as well as pedagogical approaches. Designed to prepare students for instrumental music teaching careers.
Prereq.: MUTC 1531 or MUTC 1531N or permission of the instructor.
MUAC 3781  Jazz Class Piano 1  1 s.h. (For keyboard and non-keyboard majors). Class instruction and keyboard experience in jazz chordal voicing techniques including shell voicings and open voicings. Techniques will be applied to blues and jazz repertoire including performance of melodies, rhythmic accompaniments, and improvised comping. Courses must be taken in sequence. Meets two days per week. 
Prereq.: grade of “B” or better in MUAC 1582 or permission of instructor.

MUAC 3782  Jazz Class Piano 2  1 s.h. For keyboard and non-keyboard majors). Class instruction and keyboard experience in jazz chordal voicing techniques including a study of open voicings using altered dominants and quartal voicings. Techniques will be applied to blues and jazz repertoire including performance of melodies, rhythmic accompaniments, and improvised comping. Meets two days per week.
Prereq.: MUAC 3781, or permission of instructor.

MUAC 4867  Jazz Improvisation 3  3 s.h. Advanced jazz techniques with emphasis on analysis of harmonic progressions, form, style, and performance requirements of the jazz idiom. Courses must be taken in sequence. 
Prereq.: MUAC 2668.

MUAC 4868  Jazz Improvisation 4  3 s.h. Advanced jazz techniques with emphasis on analysis of harmonic progressions, form, style, and performance requirements of the jazz idiom. Courses must be taken in sequence. 
Prereq.: MUAC 2668.

Music Conducting
MUOC 3715  Choral and Instrumental Conducting  3 s.h. Designed to develop skills, hone competencies, and share conceptual knowledge relative to the art and pedagogy of conducting. Students develop skills in conducting, score analysis and preparation, rehearsal techniques, and error detection, and create artistic interpretation with peer-lab ensemble.
Prereq.: MUTC 3732.

Music Education
MUED 2611  Computer Applications in Music Education  2 s.h. An overview of computer applications as they relate to the music educator. Specific hardware and software in music education will be discussed. Project topics: administrative software, music notation, MIDI, arranging and improvisation with computers, and designing multimedia. Meets two hours per week.
Prereq.: MUTC 1532 or MUTC 1532N.

MUED 2622  Foundations of Music Education  2 s.h. Introduction to the principles and current practices of teaching music in K-12 settings. Strategies and approaches to teaching music of various genres with emphasis on the unique challenges of public school music instruction in the 21st Century. Includes 15 hours of exploratory fieldwork. Topics include assessment, curricular design, student engagement, classroom management, and multiculturalism.

MUED 3722  Music in Early Childhood  3 s.h. Fundamental skills, repertoire, materials, and techniques for teaching music to pre-kindergarten through third grade children. For non-music majors.
Prereq.: CHFM 2633.

MUED 4821  Instrumental Music Education  2 s.h. Materials, methods and literature for teaching elementary, middle school, and high school instrumental music programs. Emphasis on curriculum design, pedagogy, orchestration/arranging techniques, and learning theories related to jazz, concert, marching band, and orchestra. Requires 5 hours of field experience.
Prereq.: MUED 2622 and upper-division status in the College of Education.

MUED 4822  Teaching Choral Music  2 s.h. Materials, methods and literature for school vocal ensembles. Additional emphasis is on vocal pedagogy, curriculum design, score study, adolescent voice, vocal literacy, arranging techniques, vocal improvisation, programming, designing and implementing choreography in vocal ensembles, and current issues in vocal music education. Requires 5 hours of field experience.
Prereq.: MUED 2622 and upper division status in the college of education.

MUED 4823  Music Teaching in Early Childhood (Pre-K-3)  2 s.h. Course emphasizes strategies, curriculum development, materials, classroom management, and developmentally appropriate practices for teaching diverse populations of pre-K through third grade students. Candidates design and implement lessons aligned to state standards, based on established methods (Orff, Kodály, Dalcroze) in simulated and authentic settings. Requires 10 hours of field experience.
Prereq.: Upper division status in the college of education.

MUED 4824  Music Teaching in the Middle School  2 s.h. Music materials and methods of instruction in middle schools with emphasis on understanding the physiological and psychological development of early adolescents in the context of general music classes. Course content includes managing the learning environment, motivating students, developing music curricula, planning musical experiences and assessing musical behaviors. Requires 12 hours of field experience.
Prereq.: MUED 4821 or MUED 4822 or concurrent enrollment, and upper division status in the college of education.

MUED 4825  Music Teaching in the High School  2 s.h. Methods of organizing, administering, teaching, and conducting music in the high schools; instruction methods, curriculum, technology, scheduling, philosophy, classroom management, and applying learning theories and research to practice. Special focus on designing and implementing standards-based music objectives in both instrumental and vocal rehearsal settings. Requires 10 hours of field experience.
Prereq.: Upper-division status in the College of Education and either MUED 4821 or MUED 4822, plus concurrent enrollment in or completion of MUOC 3715.

MUED 4842A  Student Teaching Seminar for Music Education  2 s.h. Seminar topics are based on research and theory related to music pedagogy, classroom management, cultural bias, academic language, differentiation, collaboration, and reflection. Examination of OSTP standards, NASM standards and professional ethics.
Prereq.: Passage of OAE Music Content Exam & APK, BCI/FBI background check, Upper Division status in the CCCAC, completion of all music program requirements (including graduation recital) except student teaching.

MUED 4844  Supervised Student Teaching: Music (K-12)  10 s.h. Sixteen weeks supervised student teaching experience in K-12 music settings. Corequisite MUED 4842A.
Prereq.: Passage of OAE Music Content Exam and APK, BCI/FBI background check, CCCAC Upper Division Status, completion of all other requirements in the program including graduation recital.

MUED 5814  Selected Topics in Music Education  2 s.h. Course title will be listed each semester in the Schedule of Classes. May be repeated for credit with different topics.
Prereq.: MUED 4823 or MUED 4825.

MUED 5841  Music Workshop  1-3 s.h. For students and teachers in service; topics may vary from year to year. Specific topics are announced each time the workshop is offered. May be repeated with different topic.

MUED 5858  Piano Pedagogy  3 s.h. Methods and materials involved in teaching piano in private and classroom settings. Fundamentals of technique as well as repertoire. Supervised practice teaching.
Prereq.: Two years of applied keyboard.
MUED 5880   Vocal Pedagogy   1 s.h.
A comparative study of physiological and psychological approaches to voice instruction and their application to private and class instruction.
Prereq.: Two years of applied voice classes.

Music Ensembles

MUEN 0002   Dana Chorale  1 s.h.
Dana Chorale.
MUEN 0002P  Dana Chorale   0 s.h.
Dana Chorale.
MUEN 0003   Dana Madrigal  1 s.h.
Dana Madrigal.
MUEN 0003P  Dana Madrigal   0 s.h.
Dana Madrigal.
MUEN 0004   University Chorus  1 s.h.
University Chorus.
MUEN 0004P  University Chorus   0 s.h.
University Chorus.
MUEN 0005   Concert Band  1 s.h.
Concert Band.
MUEN 0005P  Concert Band   0 s.h.
Concert Band.
MUEN 0006   Marching Band  1 s.h.
Marching Band.
MUEN 0006P  Marching Band   0 s.h.
Marching Band.
MUEN 0007   Wind Ensemble  1 s.h.
Wind Ensemble.
MUEN 0007P  Wind Ensemble   0 s.h.
Wind Ensemble.
MUEN 0008   Symphony Orchestra  1 s.h.
Symphony Orchestra.
MUEN 0008P  Symphony Orchestra   0 s.h.
Symphony Orchestra.
MUEN 0009   Percussion Ensemble  1 s.h.
Percussion Ensemble.
MUEN 0009P  Percussion Ensemble   0 s.h.
Percussion Ensemble.
MUEN 0010   String Ensemble  1 s.h.
String Ensemble.
MUEN 0010P  String Ensemble   0 s.h.
String Ensemble.
MUEN 0011   Men's Chorus  1 s.h.
Men's Chorus.
MUEN 0011P  Men's Chorus   0 s.h.
Men's Chorus.
MUEN 0012   Dana Opera Ensemble  1 s.h.
Opera Ensemble.
Prereq.: By audition and by permission of instructor and voice teacher only.
MUEN 0012P  Dana Opera Ensemble   0 s.h.
Opera Ensemble.
Prereq.: By audition and by permission of instructor and voice teacher only.
MUEN 0013   Contemporary Ensemble  1 s.h.
Contemporary Ensemble.
MUEN 0013P  Contemporary Ensembles   0 s.h.
Contemporary Ensembles.
MUEN 0029  Guitar Ensemble  1 s.h.  
Guitar Ensemble.

MUEN 0029P  Guitar Ensemble  0 s.h.  
Guitar Ensemble.

MUEN 0030  Jazz Combo  1 s.h.  
Jazz Combo.

MUEN 0030P  Jazz Combo  0 s.h.  
Jazz Combo.

MUEN 0031  Chamber Music  1 s.h.  
Mixed chamber music groups may be initiated by students and, pending final approval, run under this course code. Groups will be regularly coached by a faculty member and will also rehearse independently. Each member of the group must be prepared for rehearsals and coachings, through individual practice of his or her part and through score study. This course may fulfill in part the chamber ensemble requirement for music majors. “Mixed chamber” will be defined as any small, non-conducted group beyond those specific groups already listed in the undergraduate course catalogue. Such groups will typically be comprised of representatives of different instrument families (brass quartet or woodwind quintet, string trios, etc.), and occasionally comprised of different instruments within the same family, such as saxophone quartet. The course will be optional for vocal students. Vocal students taking the course must work collaboratively with piano students and/or other instrumental or mixed voice students. May be repeated for credit. Corequisite major-applied lessons.

Prereq.: permission of the School of Music Chair/Chamber Music Coordinator.

MUEN 0035  Saxophone Quartet  1 s.h.  
Saxophone Quartet.

MUEN 0035P  Saxophone Quartet  0 s.h.  
Saxophone Quartet.

MUEN 0040  University Band  1 s.h.  
University Band.

MUEN 0040P  University Band  0 s.h.  
University Band.

MUEN 0041  Basketball Pep Band  1 s.h.  
Basketball Pep Band.

MUEN 0041P  Basketball Pep Band  0 s.h.  
Basketball Pep Band.

MUEN 0044  Barbershop Singers  1 s.h.  
An a cappella vocal chamber ensemble designed for music majors, minors and non-music students. Students are placed within the ensemble after an informal hearing with the conductor. Each singer must be devoted to producing his/her highest quality of performance through individual study, quartet rehearsals and group rehearsals of the music being prepared. Study, rehearsals (tutti, individual, and quartet), memorization and performances in public comprise the course of study.

MUEN 0051  Piano Chamber  1 s.h.  
Piano Chamber.

MUEN 0051P  Piano Chamber  0 s.h.  
Piano Chamber.

Music History and Literature

MUHL 2616  Survey of Jazz  3 s.h.  
A historical survey of the origins, influences, and stylistic features of jazz from its beginnings to the present, with emphasis on performers, compositions, and innovations.

Gen Ed: Arts and Humanities.

MUHL 2617  Film Music  3 s.h.  
A historical survey of the use of music in the motion picture. Examination of different styles in works by major composers.

Gen Ed: Arts and Humanities.

MUHL 2618  Rock n' Roll to Rock  3 s.h.  
A historical survey of the evolution of rock n’ roll into rock with emphasis on the interrelationships of the music and social and political influences and the interaction of rock with other musical styles.

Gen Ed: Arts and Humanities.

MUHL 2619  Music of Non-Western Societies  3 s.h.  
A historical survey of music as it relates to the different cultures, with emphasis on the development of instruments, vocal practices and performance media within specific cultures.

Gen Ed: Arts and Humanities.

MUHL 2620  Music of African Americans  3 s.h.  
The study of African American musical genres from slavery to the present with focus on stylistic features, innovations, and the culture in which they were created. Topics may include Folk Music, Blues, Gospel, Ragtime, Jazz, Musical Theatre, Art/Classical Music, Rhythm & Blues, Funk, Disco and House, Techno, Hip-Hop, Rap, Gender Issues, Popular Music Industry, and Musical Agency.

MUHL 2621  Music Literature and Appreciation  3 s.h.  
The development of listening techniques applicable to Western and non-Western music through the comparison and contrast of the music of significant historical periods. For non-music majors.

Gen Ed: Arts and Humanities, International Perspectives, Social and Personal Awareness.

MUHL 2622  Popular Music in America  3 s.h.  
The changing styles in American popular music from its origins to the present day studied through an examination of representative compositions and performers.

Gen Ed: Arts and Humanities.

MUHL 2623  Core Concepts of Music  1 s.h.  
Introduction to the study of music and culture. Basic parameters of music and its function in society are explored. Two MUEN large ensembles other than Marching Band must be taken in addition to this course to satisfy the requirements for GER credit. 1 s.h.

MUHL 3771  Music History and Literature 1  3 s.h.  
An introduction to the intersection of music and culture. Students will explore the cultural contexts and the social, economic, and technological forces that influence the creation and dissemination of music. In addition to the core content of the class, students will be introduced to parallel narratives in the visual arts, literature, and theater. Students will demonstrate, through examination and written assignments, their understanding of how music history is a function of cultural values and choices.

Prereq.: sophomore standing.

Gen Ed: International Perspectives, Social and Personal Awareness.

MUHL 3772  Music History and Literature 2  3 s.h.  
An introductory history of musical culture in Europe from Antiquity to 1750 C.E. Students will study the important composers and musical genres and the cultural contexts and social forces that influence the creation and dissemination of music. In addition to the core content of the class, students will be introduced to parallel narratives in the visual arts, literature, and theater. Students will also demonstrate, through examination and written assignments, their understanding of how music history is a function of cultural values and choices.

Prereq.: sophomore standing and MUHL 3771 or permission of instructor.

Gen Ed: Arts and Humanities.

MUHL 3773  Music History and Literature 3  3 s.h.  
An introductory history of musical culture in Europe from 1750 C. E. to the present. Students will study the important composers and musical genres and the cultural contexts and social forces that influence the creation and dissemination of music. In addition to the core content of the class, students will be introduced to parallel narratives in the visual arts, literature, and theater. Students will also demonstrate, through examination and written assignments, their understanding of how music history is a function of cultural values and choices.

Prereq.: sophomore standing and MUHL 3772 or permission of instructor.

Gen Ed: Arts and Humanities.
MUHL 3774  Music History and Literature 4  3 s.h.
A historical survey of music in America. Students will study the important composers and musical genres and the cultural contexts and social forces that influence the creation and dissemination of music. In addition to the core content of the class, students will be introduced to parallel narratives in the visual arts, literature, and theater. Students will also demonstrate, through examination and written assignments, their understanding of American musical styles and how they have developed within America's unique historical context, demographics, and social structures.
Prereq.: sophomore standing and MUHL 3773 or permission of instructor.
Gen Ed: Arts and Humanities.

MUHL 3775  Jazz History 3 s.h.
Students will study and develop an understanding of jazz origins, influences, performers, compositions, and stylistic features from the turn of the century to the present. This will include study of early jazz, the swing era, bebop, cool, hard bop, post bop, modal music, modal chromatic music, free jazz, and fusion.
Prereq.: sophomore standing or permission of the instructor.

MUHL 3787  History and Appreciation of Art and Music 3 s.h.
(General) Illustrated lectures on art and music to develop the cultural growth of the non-art and non-music student. Art and music forms, comparisons of compositional styles, and discussion of the developments, influences, and experiments of the important periods to date. No prior training in art or music required. Not intended for Art majors. Listed also as ART 3787.

MUHL 5806  Keyboard Literature 3 s.h.
An investigation of the solo keyboard works of major composers from the earliest times to the present day.
Prereq.: MUTC 2632.

MUHL 5871  Baroque Music 3 s.h.
The evolution of musical styles during the period 1600-1750. A historical survey of documents and music literature of the time: opera from Monteverdi to Handel; keyboard and instrumental works; significant choral works, etc.
Prereq.: MUTC 2632, MUHL 3771, MUHL 3772, MUHL 3773, and MUHL 3774.

MUHL 5872  Eighteenth Century and the Viennese Classical School 3 s.h.
Musical developments from the decline of the baroque to the turn of the century; historical and stylistic elements contributing to the rise of classicism and culminating in the works of Mozart, Haydn, and Beethoven.
Prereq.: MUTC 2632, MUHL 3771, MUHL 3772, MUHL 3773 and MUHL 3774.

MUHL 5873  Opera History 3 s.h.
A historical survey of opera: its development as an art form from its beginnings to the present.
Prereq.: MUTC 2632, MUHL 3771, MUHL 3772, MUHL 3773 and MUHL 3774.

MUHL 5874  Nineteenth Century 3 s.h.
Musical developments from Beethoven through Wagner; aesthetic, formal, technical and historical trends with special emphasis on nationalism and the music drama.
Prereq.: MUTC 2632, MUHL 3771, MUHL 3772, MUHL 3773, and MUHL 3774.

MUHL 5878  Selected Topics in Music History 3 s.h.
A study of a specific topic to be announced each time the course is offered. May be repeated once with different topic.
Prereq.: MUTC 2632, MUHL 3771, MUHL 3772, MUHL 3773, and MUHL 3774.

MUHL 5879  Vocal Literature 3 s.h.
A study of vocal literature from all periods. Special emphasis on English language repertoire and on material especially suitable for high school students. Songs are prepared for performance in class.
Prereq.: MUTC 2632, MUHL 3771, MUHL 3772, MUHL 3773, and MUHL 3774.

Music Industry

MUIN 1561  Music Recording Workshop 4 s.h.
Introduction to the music recording process and the recording studio. An overview of music recording grounded in history and the principles of acoustics. An exploration of analog and digital technology involved in music recording. Two hours lecture, two hours lab.

MUIN 3765  Advanced Recording Techniques 2 s.h.
A study of both linear and non-linear music recording and editing various hardware and software options, as well as the production of recording projects in both domains.
Prereq.: MUIN 1561.

MUIN 3766  Recording Internship 3 s.h.
Practicum in appropriate music recording environments. Addresses all aspects of the music recording industry. Students meet once a week on campus to share and discuss experiences from the intern position. A minimum of 12 hours per week will be spent in the field.
Prereq.: MUIN 3765 and senior standing in music recording.

MUIN 3767  Senior Project 4 s.h.
Independent student project to showcase skills and techniques learned in the course content. Presentation of project in a public exhibition required.
Prereq.: MUIN 3765 and senior standing in music recording.

Music Theory and Composition

MUTC 1520  Materials of Music 3 s.h.
Musical styles, listening concepts, and harmonic techniques as they relate to the literature of music. For students who do not qualify for MUTC 1531 or MUTC 1531N.

MUTC 1531  Music Theory 1  2 s.h.
Prereq.: Music majors who have completed a successful audition for the Dana School of Music, and have achieved 80% or higher on the Theory Placement Exam, or permission of the instructor.

MUTC 1531N  Music Theory 1 Intensive 2 s.h.
Intensive section of Music Theory 1. Music fundamentals, including pitch notation in treble and bass clefs, major and minor scales and key signatures, rhythm and meter, intervals and triads. Principles of harmonic progression with diatonic chords in common-practice and popular styles. Introduction to analysis and phrase structure.
Prereq.: Music major, having achieved a successful audition for the Dana School of Music.
MUTC 1532  Music Theory 2  2 s.h.
The second of four courses in the Music Theory sequence. Review of four-part writing and analysis. Non-harmonic tones, expanding harmonic functions with diatonic triads and seventh chords, six-four chord techniques.
Prereq.: grade of "C" or better in both MUTC 1531 and MUTC 1541.

MUTC 1532N  Music Theory 2 Intensive  2 s.h.
Intensive section of Music Theory 2. Introduction to two-part counterpoint and four-voice writing with diatonic, root-position triads. Non-harmonic tones, expanding harmonic functions with diatonic triads and seventh chords, six-four chord techniques.
Prereq.: Grade of "C" or better in MUTC 1531N and MUTC 1541.

MUTC 1541  Aural Theory 1  2 s.h.
Dictation exercises including solfège patterns, bass line recognition, melody with simple rhythm, and 2-part counterpoint examples. Sight-singing including simple diatonic melodies, duets, chord-singing, and improvisation. Keyboard exercises including solfège patterns, play-and-sing, and transposition exercises. Solfège drills to build and maintain fluency with the solfège system.
Prereq.: Music majors who have completed a successful audition for the Dana School of Music.

MUTC 1542  Aural Theory 2  2 s.h.
Sight-sing diatonic and chromatic melodies. Aurally recognize and sing all diatonic triads and seventh chords. Diatonic and chromatic melodic dictation. Dictation and singing of diatonic chord progressions. Dictation of diatonic two-voice counterpoint in both strict species and free styles Mastery of cadential patterns and voice-leading at the keyboard.
Prereq.: Grade of "C" or better in both MUTC 1531 (or MUTC 1531N) and MUTC 1541.

MUTC 2631  Music Theory 3  2 s.h.
The third of four courses in the Music Theory sequence. Continued mastery of basic voice-leading. Chromatic harmony including secondary dominants, modulations, modal mixture, and augmented sixths. Study of small and large classical forms.
Prereq.: Grade of "C" or better in both MUTC 1532 or MUTC 1532N and MUTC 1542.

MUTC 2632  Music Theory 4  2 s.h.
Advanced chromaticism, including chromatic and enharmonic modulation, extended tertian structures, chromatic mediant, altered dominants, and common tone diminished-sevenths. Early twentieth-century musical styles and model composition.
Prereq.: Grade of "C" or better in both MUTC 2631 and MUTC 2641.

MUTC 2641  Aural Theory 3  2 s.h.
Practice and mastery of advanced sight singing, aural recognition, and piano/instrumental skills. Dictation exercises including chromatic solfège patterns, chord progressions, contextual listening, and chromatic melodies. Sight-singing exercises including chromatic patterns, melodies, duets, chord-singing, and improvisation.
Prereq.: MUTC 1532 or MUTC 1532N and MUTC 1542 with grade of "C" or better.

MUTC 2642  Aural Theory 4  2 s.h.
Dictation exercises include melodies, melodic fragments, chord qualities, and harmonic progressions with enharmonic and chromatic modulations. Sight-singing exercises include melodies with advanced chromaticism and post-tonal melodies. Sight-singing repertoire including four-part chorales and music from the late nineteenth and early twentieth centuries. 2 s.h.
Prereq.: MUTC 2631 and MUTC 2641 with grades of "C" or better.

MUTC 3712  Jazz Arranging 1  3 s.h.
Scoring in the jazz idiom with emphasis on harmonic concepts, voicing procedures, form, and stylistic trends developed by major jazz composer-arrangers. Detailed study of instrumental techniques with projects scored for various size ensembles. Student arrangements are performed in reading sessions and concerts. Classes must be taken in sequence.
Prereq.: MUTC 1532 and MUAC 2668 or permission of instructor.

MUTC 3713  Jazz Arranging 2  3 s.h.
Scoring in the jazz idiom with emphasis on harmonic concepts, voicing procedures, form, and stylistic trends developed by major jazz composer-arrangers. Detailed study of instrumental techniques with projects scored for various size ensembles. Student arrangements are performed in reading sessions and concerts. Classes must be taken in sequence.
Prereq.: MUTC 1532 and MUAC 2668 or permission of instructor.

MUTC 3750  Analytical Techniques  3 s.h.
Analysis of representative repertoire from the Renaissance, Baroque, Classical, Romantic, and Contemporary periods.
Prereq.: MUTC 2632 and MUTC 2642 with grades of "C" or better.

MUTC 5821  Composition for Minors  2 s.h.
Composition in two- and three-part forms, and other compositions of small scope, such as variation and sonatina. Works are composed both for piano alone, and in combination with other instruments or voice. May be repeated by composition majors to meet requirements for freshman and sophomore composition for majors.
Prereq.: MUTC 2632 with a grade of "C" or better, or permission of instructor for composition majors.

MUTC 5822  Composition for Minors  2 s.h.
Composition in two- and three-part forms, and other compositions of small scope, such as variation and sonatina. Works are composed both for piano alone, and in combination with other instruments or voice. May be repeated by composition majors to meet requirements for freshman and sophomore composition for majors.
Prereq.: MUTC 2632 with a grade of "C" or better, or permission of instructor for composition majors.

MUTC 5828  Music Technology  3 s.h.
An exploration of the use of computers and technology in music. Applications related to composition, performance, analysis, teaching, and research.
Prereq.: MUTC 2632 with grade of "C" or better or permission of instructor.

MUTC 5830  Materials of 20th Century Music  3 s.h.
Study of the various elements of 20th century compositions, including melody, harmony, rhythm, texture, and form.
Prereq.: MUTC 2632 with a grade of "C" or better.

MUTC 5831  Modal Counterpoint  3 s.h.
Sixteenth century contrapuntal style including introduction of species technique; analysis of liturgical and secular repertoire; writing of imitative counterpoint with stylistic rhythms and cadences.
Prereq.: MUTC 2632 with a grade of "C" or better.

MUTC 5832  Tonal Counterpoint  3 s.h.
Contrapuntal style of baroque music including an analysis of examples in imitative and invertible counterpoint; writing two- and three-part inventions and three- and four-part fugal expositions.
Prereq.: MUTC 2632 with a grade of "C" or better.

MUTC 5833  Theory Seminar  3 s.h.
Topics in music theory not covered in regular upper-division offerings. May be repeated once with different topic.
Prereq.: MUTC 2632 with a grade of "C" or better.

MUTC 5834  Electronic Music  3 s.h.
Techniques of analog and digital synthesis including tape composition, musique concrete; advanced MIDI applications such as sequencing and sampling; and digital audio editing. Composition in electronic and mixed media.
Prereq.: For composition majors, COMP 1502 or equivalent; for non-composition majors, MUTC 2632 with a grade of "C" or better; for non-majors, permission of instructor.

MUTC 5840  Instrumentation  3 s.h.
Ranges, transposition, technical characteristics, and tonal features of the instruments. Scoring for large and small ensembles which are available as laboratory reading groups.
Prereq.: MUTC 2632 with a grade of "C" or better.