

The Crane School of Music

Courses are listed alphabetically by course number within each music concentration area: education, history and literature, performance and theory.

MUAC 630 Production Techniques for Music Theatre (3)

Development of basic skills in music theatre production management. Includes practical hands-on experience working on a Crane School of Music opera production. The course is designed for music performers, as well as music educators.

MUAI 595 Special Topics (1-15)

MUAP XXX Performance Ensembles (1)

By arrangement and/or audition with instructor. Graduate students may enroll for credit in performance groups. Course number varies with type of ensemble.

Music Education Courses

MUCE 503 Music Teachers and The Law (3)

The purpose of this course is to equip each student with a basic understanding of current educational law. Topics will include the legal frameworks affecting public schools, students' constitutional rights, individuals with disabilities, teachers' legal rights and teacher and school district liability. Broad legal concepts such as separation of church and state, freedom of expression, search and seizure, due process, equal protection, discrimination, and tenure and dismissal will be examined through constitutional law, statutes, case law and commissioner's decisions.

MUCE 505 Action Research (3)

This online course is designed to help school band directors, choir directors, and music teachers learn user-friendly action research techniques to find answers to the nagging problems that plague their music programs.

MUCE 508 Advanced Woodwind Techniques (3)

Performance on each of the primary woodwind instruments – flute, oboe, bassoon, clarinet, alto saxophone. Discussion of pedagogical issues and survey of instructional materials for the school instrumental music teacher. Students should bring a supply of reeds; instruments will be provided.

MUCE 509 Advanced Brass Techniques (3)

Performance on each of the primary brass instruments – trumpet, horn, trombone, euphonium, tuba. Discussion of pedagogical issues and survey of instructional materials for the school instrumental music teacher. Instruments will be provided.

MUCE 520 Topics in Music Technology (3)

A seminar exploring computer, MIDI and Multimedia technology as it might be applied in a music education setting. The hands-on sessions in the Crane MIDI Lab will include the following: use of a generic office software for managing classroom records, tasks and class presentations; MIDI sequencing and auto-accompaniment generating software, and possible uses in music education; utilization of music notation software; introduction to multimedia programming for creating interactive classroom materials; and accessing and creating simple documents for the musical World Wide Web. Although prior knowledge of computer/MIDI technology will be helpful, it is not required.

MUCE 523 Advanced Issues in Music Education (3)

Examination of critical issues which impact music in the schools, including curriculum development, the use of technology in the music class, multicultural music, and classroom management skills. Students will have an opportunity to evaluate instructional techniques and develop program goals for their particular teaching situation.

MUCE 524 Rehearsal Techniques and Repertoire for the Instrumental Ensemble (3)

Examination of methods and materials for the development of the school band or orchestra program. Areas of concentration include score study and analysis, rehearsal procedures, and repertoire.

MUCE 533 Band Instrument Maintenance for Wind Educators (3)

Students will have to opportunity to diagnose and correct common mechanical problems of wind instruments in a hands-on setting. In addition to flute, clarinet, saxophone, trumpet, and trombone, this class will cover percussion maintenance, with special attention to drum head replacement and tuning.

MUCE 534 School String Fleet Maintenance for String Educators (3)

Students will learn to diagnose and correct common mechanical problems of string instruments in a hands-on setting.

MUCE 540 Wind Band Literature (3)

An exhaustive survey of the serious wind orchestra literature composed for mixed combination of more than 20 performers from the French Revolution to the present. An overview of the history of wind instruments, reading and listening assignments, and biographical and historical information about each composer and his or her work.

MUCE 541 Marching Band Techniques (3)

This "hands on" course is designed for the teacher with some or no experience with marching band. It will cover such topics as program development, teaching/rehearsal methods, marching fundamentals for parade, traditional style and competitive corps style marching, and an introduction into contemporary computer show design and charting techniques.

MUCE 550 Global Music Education (3)

This course provides a theoretical, practical, and analytical framework for understanding global music education. We will examine teaching strategies that acknowledge and make constructive use of cultural diversity. Among the topics explored will be various definitions of global music education, teachers' values and behaviors in their work with culturally diverse populations, avoidance of stereotyping, and design of strategies and curricula that address themes of social justice. Format of this course will include a combination of lecture, discussion, workshop activities, and student presentation.

MUCE 555 Reaching and Teaching All Students Through Learning Styles (3)

This course explores the student-centered philosophies of Julia E. Crane, various contemporary learning style theories and their everyday application in the music classroom or rehearsal room. Students will design lesson plans that provide meaningful musical experiences while addressing the variety of learning preferences of individual students.

MUCE 595 Special Topics (3)

MUCE 601 Philosophy and Issues in Music Education (3)

Survey of educational philosophies which have influenced current thought. Discussion of issues regarding public school music instruction, administration, and supervision including curricular structure and evaluative techniques.

MUCE 602 Developmental Psychology of Music: Implications for Classroom Instruction (3)

Examination of the psychological processes that underlie musical learning. Emphasis given to understanding these processes within a developmental framework. Additional attention given to examining psychological processes involved in listening, performing, and composing/improvising. Both theory and research are examined for classroom application.

MUCE 608 Curriculum Development in the School Music Program (3)

Examination of the systematic process of program development. Focus upon the development of general goals, program objectives, and instructional objectives, as well as the design and sequence of musical experiences and materials. Final project involves the development of a program for a specific course of study; school music teachers are encouraged to gear projects toward their own specific teaching situations.

MUCE 609 Evaluation in Music Education (3)

An investigation of rationales for evaluation, problems facing the evaluator and possible solutions to the problems. Existing methods and instruments for evaluation in music are studied.

MUCE 640 Projects and Readings in Music Education (3)

Practical application of ideas based upon student-selected topics in music education. Includes analysis of readings in music and education generated for the purposes of designing and creating K-12 general music or ensemble learning projects that can be used in personal teaching situations. Course may be repeated for credit.

MUCE 645 Music in Special Education (3)

Acquaints music education students with the individualized education program (IEP) process, music materials and techniques for teaching special learners in self-contained classrooms or mainstreamed into music classes. Readings, observations, music activities and originally designed materials are part of this class.

MUCE 648/ MULE 648 Psychology of Music (3)

Examination of the psychoacoustic parameters of music, the perception of melody, harmony, rhythm and form; affective responses to music; musical preference and ability; neuro-physiology and musical behavior; learning theory and music; functional music; and measurements and evaluation of musical behavior. An introduction to basic research methods is included.

MUCE 660 Piano Pedagogy and Practicum I (3)

Introduction to the field of piano pedagogy, with an emphasis on teaching beginning piano students. Course topics include career opportunities in piano teaching, survey of early-age, average-age and adult beginning piano methods and repertoire, techniques of group and private piano teaching for beginners, preparing students for recitals, and the application of learning theories to piano teaching. Students gain supervised group and private teaching experience for elementary students.

MUCE 661 Piano Pedagogy and Practicum II (3)

Emphasis on teaching intermediate piano students. Course topics include survey of intermediate-level piano solo and duet repertoire, writing lesson plans and assignments for intermediate students, teaching repertoire, technique and musicianship skills, preparing students for competitions, teaching transfer students, managing an independent piano studio, and resources for piano teachers. Students gain supervised group and private teaching experience for intermediate and/or elementary students.

MUCE 663 Project in Piano Pedagogy (3)

Advanced project in piano pedagogy completed under faculty supervision. Prerequisite: Instructor consent.

MUCE 695 Special Topics (3)**MUCE 699 Thesis/Graduate Research Project in Music Education (3)**

Completion of a major research project in the field of music or music education. Working with a faculty adviser on a tutorial basis, the student will develop a proposal for a study which must be approved by faculty committee before the student embarks upon the project. The project culminates in the preparation of a written report of the research project (in thesis format) and an oral defense of the report before a faculty

committee. The student will register for Thesis/Graduate Research Project each semester that the student is actively working on the project with the assistance of the adviser. A copy of the document becomes part of the College library.

Music History and Literature Courses**MUAH 595 Special Topics (3) MUAH 650 Women in Music (3)**

History of women in music, including teachers, administrators, and patrons, as well as composers, performers, and conductors from ancient Greece to the present.

MUAH 695 Special Topics (3) MUCH 595 Special Topics (3)**MUCH 605 The German Lied (3)**

Development of the German Lied from Reichardt to Webern. Style characteristics of the major exponents of the German Lied with emphasis on the interrelationship among poetic scansion, literary content, and musical analysis.

MUCH 611 Introduction to Graduate Study (3)

Survey of bibliographic and resource materials in music, education, and music education. Examination of basic research methodologies, techniques and procedures and their practical applications. Core course for all Master of Music degrees.

MUCH 612 Opera Literature (3)

A survey of styles introduced through representative works from Monteverdi to contemporary American opera.

MUCH 614 Symphonic Literature (3)

Examination of symphonic works in the standard repertoire. Emphasis will be placed upon the aesthetic, stylistic, and historical aspects of the literature.

MUCH 621 Renaissance Culture and Music (3)

Musical styles from 1400 to 1600, including sacred and secular genres within a cultural context.

MUCH 622 Music of the Baroque (3)

Style, form and historical developments in vocal and instrumental music from Monteverdi to J. S. Bach.

MUCH 623 Music of the Viennese Classicists (3)

Musical styles from 1750 to 1830. Music of the Mannheim School, Haydn, Mozart, Gluck and Beethoven in relation to preceding and following periods.

MUCH 624 Music of the Nineteenth Century (3)

Music literature from Beethoven to Debussy. Consideration of stylistic and formal elements together with aesthetic principles and historical perspectives.

MUCH 638 Music in America (3)

Survey of the variety of musical experiences in the United States, including Native-American music, early American psalmody, and the respective developments leading to jazz and the commercial genres. Special emphasis will be given to major movements and composers of the cultivated tradition and the avant-garde.

MUCH 641 J. S. Bach (3)

Examination of the music of Johann Sebastian Bach. Historical and biographical factors which influenced Bach's composition will receive major consideration. Class performance will be included.

MUCH 670 Post-Romantic Music: 1870-1914 (3)

European art music and its cultural content at the turn of the twentieth century. Emphasis on the stylistic features and aesthetics that informed late-romanticism, impressionism, exoticism, expressionism and primitivism. Listening, analysis, papers, presentations required.

MUCH 695 Special Topics (3)

Music Performance Courses

MUCP 541 Advanced Conducting Techniques (2)

Study of advanced conducting problems. Special emphasis on 20th century works and recitatives.

MUCP 553 Ghanaian Drumming and Dancing (3)

Provides extended experiences in West African music and dance. While focusing on selected drumming and dance styles, participants will have the opportunity to explore the expression of music and dance within Ghanaian culture. Topics examined include the time line as a vehicle for organizing sound in time and space, the nature of the aural/oral learning and teaching process, and the role of community within Ghanaian music and dance traditions.

MUCP 595 Special Topics (1-3)

MUCP 603 Performance Practices for Singers (3)

Development of professional and interpretive aspects of singing and vocal arts with attention given to the preparation and performance of solo audition material, and the developing of a professional portfolio.

MUCP 618 Vocal Coaching (1)

Coaching for graduate vocal students. In-depth musical work on interpretation and performance of vocal repertoire.

MUCP 630 Opera Production Workshop (3)

Scene and costume construction directed and supervised by the instructor and professional technical staff. One full production of an opera, operetta or musical comedy is undertaken each semester.

MUCP 640 Literature and Pedagogy (2)

Etude and solo literature in the student's major performing medium; study and discussion of teaching methods and strategies appropriate for the medium.

MUCP 643 Art of Accompanying Seminar (1)

Students will have the opportunity to develop collaborative skills essential for successful musical partnerships at the keyboard, including sight reading, sense of ensemble, process of rehearsing with vocalists and instrumentalists, and communication on stage. Students will be expected to work on different styles of music.

MUCP 648 Flute Orchestral Studies (3)

Study of ensemble concepts and major flute and piccolo excerpts from the orchestral literature through the study of complete parts, scores, and recordings. Orchestral routine and the responsibility of each section member will be discussed. Some memorization of materials is required. Designed for flute students pursuing the MM degree in Performance.

MUCP 681 Chamber Music (1)

Study and rehearsal of representative chamber works in the student's major performance medium under the guidance of an instructor.

MUCP 695 Special Topics (1-3)

MUCS 510 Non-Major [Instrument] Studio (1)

Applied studio instruction for Crane graduate students on instruments not required for degree completion. Weekly lessons (30 minutes per week) with a faculty instructor. Concurrent registration in a major ensemble may be additionally required. By permission of instructor only.

MUCS 620 Performance Concentration (2)

Applied studio instruction for Crane graduate students not enrolled in the Performance degree. Concurrent registration in a major ensemble may be additionally required. By permission of instructor only.

MUCS 630 Performance Concentration (3)

Private studio instruction for Performance majors on student's principal performance medium. Prerequisites: availability and consent of instructor.

Music Theory Courses

MUCT 595 Special Topics (3)

MUCT 601, 602, 603 Composition I, II, III (3)

Application of devices and techniques used in contemporary composition. Work in larger homophonic, contrapuntal, and symphonic forms.

MUCT 611, 612, 613 Electronic Composition I, II, III (3)

Study of, and experience in, the art of composing with electronically-generated sound. Examination of major works in the repertoire. Working independently, students will create their own electronic compositions.

MUCT 614 Modal Counterpoint (3)

Materials of 16th century vocal polyphony examined from three sides: appreciation, performance, creativity. Study of sacred and secular music literature of the period. Composition motets and madrigals for two, three, four and/or five voice parts.

MUCT 615 Tonal Counterpoint (3)

Contrapuntal music of the Baroque era with emphasis on works of J. S. Bach. Study of two- and three-voice counterpoint, invention, forms based on chorale, invertible counterpoint and fugue.

MUCT 617 Analytical Techniques (3)

Study of selected analytical approaches to tonal music, including issues of form, harmony, and style.

MUCT 620 Theory and Analysis of Twentieth Century Music (3)

Study of selected analytical approaches to 20th century music, including pitch-class, set theory and twelve-tone (serial theory).

MUCT 621 Orchestration (3)

Techniques of orchestration for various instrumental ensembles at an advanced level culminating in the scoring of a work for full symphony orchestra.

MUCT 695 Special Topics (3)