The College of Music's renowned faculty will guide you through the Master of Music, Doctor of Philosophy in Music, or professional certificate programs, while a variety of ensembles are available for honing performance skills.

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**Master's Degree**
- Music - Master of Music (MMus) (catalog.colorado.edu/graduate/colleges-schools/music/programs-study/music/music-master-music-mmus)

**Doctoral Degree**
- Music - Doctor of Philosophy (PhD) (catalog.colorado.edu/graduate/colleges-schools/music/programs-study/music/music-doctor-philosophy-phd)

**Certificates**
- Opera and Solo Vocal Performance - Graduate Certificate (catalog.colorado.edu/graduate/colleges-schools/music/programs-study/music/opera-solo-vocal-performance-graduate-certificate)
- String Quartet Performance - Graduate Certificate (catalog.colorado.edu/graduate/colleges-schools/music/programs-study/music/string-quartet-performance-graduate-certificate)
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- Arts Administration - Graduate Certificate (catalog.colorado.edu/graduate/colleges-schools/music/programs-study/music/arts-administration-graduate-certificate)

**Faculty**
While many faculty teach both undergraduate and graduate students, some instruct students at the undergraduate level only. For more information, contact the faculty member's home department.

- **Aaholm, Philip**  
  Professor Emeritus
- **Austin, James R** (https://experts.colorado.edu/display/fisid_103455)  
  Professor; PhD, University of Iowa
- **Bernstein, Giora**  
  Professor Emeritus
- **Bird-Arvidsson, Jennifer** (https://experts.colorado.edu/display/fisid_147651)  
  Associate Professor; MM, University of Michigan Ann Arbor
- **Brody, James M** (https://experts.colorado.edu/display/fisid_101948)  
  Associate Professor; MM, Indiana University Bloomington
- **Bruns, Steven M** (https://experts.colorado.edu/display/fisid_103483)  
  Associate Professor; PhD, University of Wisconsin-Madison
- **Caballero, Carlo** (https://experts.colorado.edu/display/fisid_111681)  
  Associate Professor; PhD, University of Pennsylvania
- **Conlon, Joan Catoni**  
  Professor Emeritus
- **Davis, John S** (https://experts.colorado.edu/display/fisid_115443)  
  Professor; DMA, University of Northern Colorado
- **Dunn, James M** (https://experts.colorado.edu/display/fisid_140593)  
  Associate Professor; DMus, Arizona State University
- **Eakin, Charles**  
  Professor Emeritus
- **Eckert, Erika L** (https://experts.colorado.edu/display/fisid_101844)  
  Associate Professor; BM, University of Rochester
- **Ellsworth, Oliver**  
  Professor Emeritus
- **Erhard, Paul M** (https://experts.colorado.edu/display/fisid_100493)  
  Professor; DMA, The Juilliard School
- **Farr, Elizabeth G** (https://experts.colorado.edu/display/fisid_101732)  
  Professor; DMA, University of Michigan Ann Arbor
- **Fejer, Andras** (https://experts.colorado.edu/display/fisid_103923)  
  Artist in Residence
- **Fink, Robert**  
  Professor Emeritus
- **Fejer, Andras** (https://experts.colorado.edu/display/fisid_103923)  
  Artist in Residence
- **Fejer, Andras** (https://experts.colorado.edu/display/fisid_103923)  
  Artist in Residence
- **Fink, Robert**  
  Professor Emeritus
- **Chang, Philip C** (https://experts.colorado.edu/display/fisid_143541)  
  Senior Instructor; MA, University of Rochester
- **Chellis, Matthew Wren** (https://experts.colorado.edu/display/fisid_154415)  
  Assistant Professor; MM, Manhattan School of Music
Galm, John  
Professor Emeritus

Gentry, Gregory R (https://experts.colorado.edu/display/fisid_151707)  
Associate Professor; DMA, University of Missouri-Kansas City

Gonzalez, Luis  
Professor Emeritus

Gificate, Bradley M. (https://experts.colorado.edu/display/fisid_134686)  
Associate Professor, Instructor; MM, DePaul University

Graham, Larry  
Professor Emeritus

Gunther, John G (https://experts.colorado.edu/display/fisid_141165)  
Associate Professor; PhD, New York University

Hata, Kuniaki  
Professor Emeritus, Professor Emeritus

Hayes, Deborah  
Professor Emeritus

Hayghe, Jennifer C (https://experts.colorado.edu/display/fisid_155969)  
Associate Professor; DMA, The Juilliard School

Holman-Johnson, Leigh (https://experts.colorado.edu/display/fisid_141980)  
Associate Professor; DMA, University of Colorado Boulder

Ishikawa, Yoshiyuki (https://experts.colorado.edu/display/fisid_102125)  
Professor; DMA, University of Michigan Ann Arbor

Jackson, Dennis  
Professor Emeritus

Jennings, Christina A (https://experts.colorado.edu/display/fisid_143545)  
Associate Professor; MM, The Juilliard School

Keats, William  
Professor Emeritus

Keister, Jay (https://experts.colorado.edu/display/fisid_115734)  
Associate Professor; PhD, University of California-Los Angeles

Kellogg, Daniel Dixon (https://experts.colorado.edu/display/fisid_141124)  
Associate Professor; DMA, Yale University

Kim, Suyeon (https://experts.colorado.edu/display/fisid_153470)  
Lecturer, Instructor

Korevaar, David J (https://experts.colorado.edu/display/fisid_118374)  
Professor; DMA, The Juilliard School

Lehner, Doris Pridonoff  
Professor Emeritus

Lehner, Oswald  
Professor Emeritus

Leong, Daphne (https://experts.colorado.edu/display/fisid_115747)  
Associate Professor; PhD, University of Rochester

Lewis, Gary J (https://experts.colorado.edu/display/fisid_145854)  
Professor, Instructor; MM, Texas Tech University

Lin, Hsiao-Ling (https://experts.colorado.edu/display/fisid_149958)  
Instructor; MM, DePaul University

Malin, Jonathan (https://experts.colorado.edu/display/fisid_151714)  
Associate Professor; PhD, University of Chicago

Maloy, Rebecca (https://experts.colorado.edu/display/fisid_125582)  
Professor, Associate Professor; PhD, University of Cincinnati

Mason, Patrick C (https://experts.colorado.edu/display/fisid_101840)  
Professor; MM, University of Nebraska-Lincoln

McCarthy, Kevin  
Professor Emeritus

McDonald, Margaret M (https://experts.colorado.edu/display/fisid_134703)  
Associate Professor; DMA, University of California-Santa Barbara

McKee, Paul (https://experts.colorado.edu/display/fisid_154465)  
Associate Professor; MM, University of Texas at Austin

McKinney, Donald J (https://experts.colorado.edu/display/fisid_152974)  
Associate Professor; DMA, University of Michigan Ann Arbor

Moteki, Mutsumi (https://experts.colorado.edu/display/fisid_100992)  
Professor; DMA, University of Michigan Ann Arbor

Meyer, Tom R (https://experts.colorado.edu/display/fisid_100922)  
Associate Professor; MM, East Texas State University

Nguyen, Alexandra (https://experts.colorado.edu/display/fisid_145847)  
Associate Professor; DMA, University of Rochester

Nims, Abigail Andrews (https://experts.colorado.edu/display/fisid_152977)  
Assistant Professor; MM, Westminster Choir College

Nyth, Jeffrey C. (https://experts.colorado.edu/display/fisid_147341)  
Associate Professor; DMA, Rice University

Okigbo, Austin Chinagorom (https://experts.colorado.edu/display/fisid_151507)  
Assistant Professor; PhD, Indiana University Bloomington

Pann, Carter N (https://experts.colorado.edu/display/fisid_141461)  
Associate Professor; DMA, University of Michigan Ann Arbor

Peterson, Patti H (https://experts.colorado.edu/display/fisid_101502)  
Associate Professor; DMA, University of Colorado Boulder

Pinkow, David  
Professor Emeritus

Ramsey, Andrea L (https://experts.colorado.edu/display/fisid_154420)  
Assistant Professor; PhD, Michigan State University

Reger, Jeremy J (https://experts.colorado.edu/display/fisid_156224)  
Instructor; DMA, University of Michigan Ann Arbor

Requiro, David (https://experts.colorado.edu/display/fisid_155785)  
Associate Professor, Assistant Professor; MM, University of Michigan Ann Arbor
Rhodes, Harumi B (https://experts.colorado.edu/display/fisid_155971)
Associate Professor, Assistant Professor; Not Listed, New England Conservatory of Music

Riis, Thomas L (https://experts.colorado.edu/display/fisid_100723)
Professor; PhD, University of Michigan Ann Arbor

Roeder, Matthew J (https://experts.colorado.edu/display/fisid_120180)
Associate Professor; DMA, University of Colorado Boulder

Romero, Brenda M (https://experts.colorado.edu/display/fisid_106117)
Associate Professor; PhD, University of California-Los Angeles

Sable, Barbara Kinsey
Professor Emeritus

Sampsel, Laurie (https://experts.colorado.edu/display/fisid_101802)
Professor; MLS, Kent State University

Sawchuk, Terry M (https://experts.colorado.edu/display/fisid_102477)
Associate Professor; MM, University of Michigan Ann Arbor

Schrantz, Karoly (https://experts.colorado.edu/display/fisid_103924)
Assoc Professor Attendant Rank, Artist in Residence

Scott, F. Wayne
Professor Emeritus

Shay, Robert S. (https://experts.colorado.edu/display/fisid_154671)
Professor; PhD, University of North Carolina Chapel Hill

Silver, Daniel S (https://experts.colorado.edu/display/fisid_115564)
Associate Professor; MM, University of Michigan Ann Arbor

Smith, Jeremy L. (https://experts.colorado.edu/display/fisid_118265)
Professor, Associate Professor; PhD, University of California-Santa Barbara

Spera, Nicolò Ruggero Ferruccio (https://experts.colorado.edu/display/fisid_148406)
Assistant Professor; DMA, University of Colorado Boulder

Spillman, Robert
Professor Emeritus

Stanley, William J (https://experts.colorado.edu/display/fisid_103616)
Associate Professor; DMA, University of Illinois at Urbana-Champaign

Swadener, Marc
Professor Emeritus

Teitelbaum, Benjamin Raphael (https://experts.colorado.edu/display/fisid_151338)
Assistant Professor; PhD, Brown University

Theodore, Michael (https://experts.colorado.edu/display/fisid_113318)
Associate Professor; PhD, University of California-San Diego

Thornton, Michael Robert (https://experts.colorado.edu/display/fisid_116318)
Associate Professor; BM, Temple University

Walter, Douglas W (https://experts.colorado.edu/display/fisid_101811)
Professor; DMA, Temple University

Walther, Geraldine E (https://experts.colorado.edu/display/fisid_142000)
Artist in Residence

Waters, Keith John (https://experts.colorado.edu/display/fisid_107518)
Professor; PhD, University of Rochester

Wetherbee, Charles Tyler (https://experts.colorado.edu/display/fisid_151515)
Assistant Professor; BM, Curtis Institute of Music

Wolzien, Charles
Professor Emeritus

Courses

MUSC 5002 (3) Proseminar in Historical Musicology
Prepares students to pursue independent research in the history of music. Meeting as a seminar, the course focuses on the nature of evidence, methods and tools of research, and theoretical or historiographic issues.

**Requisites:** Restricted to College of Music (MUSCG) graduate students only.

**Additional Information:** Departmental Category: Musicology

MUSC 5011 (2) 16th Century Counterpoint
Provides a stylistic study of the main contrapuntal genres of the period including free, two- and three-part imitative counterpoint in the style of Palestrina. Provides a foundation in species counterpoint, working towards free counterpoint; stresses composing in 16th century styles. Offered fall of even-numbered years.

**Equivalent - Duplicate Degree Credit Not Granted:** MUSC 4011

**Requisites:** Restricted to College of Music (MUSCG) graduate students only.

**Additional Information:** Departmental Category: Theory and Composition

MUSC 5012 (3) African Music
Studies music cultures of Africa and the Black Diaspora, including folk and art music traditions, religious and popular music genres. Specific course topics could cover any or all of these styles, including exploring interconnections of musical stylistics of Africa and the Black Diaspora.

**Equivalent - Duplicate Degree Credit Not Granted:** MUSC 4012 and MUEL 4012

**Requisites:** Restricted to College of Music (MUSCG) graduate students only.

**Additional Information:** Departmental Category: Musicology

MUSC 5021 (2) 18th Century Counterpoint
Provides a stylistic study of main contrapuntal genres of the period including inventions, suite movements and fugues. Provides a foundation in species counterpoint; stresses analysis and composing in the styles. Offered fall terms only.

**Requisites:** Restricted to College of Music (MUSCG) graduate students only.

**Additional Information:** Departmental Category: Theory and Composition

MUSC 5026 (2) Percussion Literature
In-depth investigation of major original solo works for percussion, significant ensemble literature including chamber and large ensembles, and selected transcriptions. Offered spring semester of odd numbered years.

**Requisites:** Restricted to College of Music (MUSCG) graduate students only.

**Additional Information:** Departmental Category: Choral and Instrumental Music
MUSC 5036 (2) Brass Literature
Investigates major original solo works for trumpet, horn, trombone, euphonium, and tuba, and ensemble literature including chamber and large settings. Offered every other spring term.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Choral and Instrumental Music

MUSC 5041 (2) Advanced Orchestration
Provides an advanced study of orchestration techniques through score analysis and student projects. Offered spring of even-numbered years.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Theory and Composition

MUSC 5051 (3) Advanced Topics in Music Technology
Courses present advanced strategies for applying computer technology in music creation. Synthesis, DSP, MIDI and audio sequencing, as well as advanced music engraving, will be explored through the use of various software platforms including Logic, Reason, MAX and Finale. Offered fall term only.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Interdepartmental

MUSC 5061 (3) Advanced Tonal Analysis
Surveys tonal repertory and analytical techniques. Student must have passed general written theory and aural skills preliminary exam or completed remediation before enrolling in course.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Theory and Composition

MUSC 5071 (3) Post-tonal Theory and Analysis I
Focuses on theory and analysis of post-tonal literature pre-1945. Student must have passed general written theory and aural skills preliminary exam or completed remediation before enrolling in course.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Theory and Composition

MUSC 5078 (1) Piano Technician for Pianists
Familiarizes pianists with the development of the modern grand piano, its construction and the proper terminology of parts and specifications. Trains pianists in minor repairs and adjustments of the grand piano action and in minor tuning tasks.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4078
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Recommended: Prerequisite piano majors.
Additional Information: Departmental Category: Interdepartmental

MUSC 5081 (3) Applications in Music Technology
Studies the composition and improvisation of Herbie Hancock, Wayne Shorter, Chick Corea and their contemporaries. Broadly examines modality in jazz and its similarities to music of Ravel and Debussy, as well as systems of organization in Messiaen and others. Strategies for analysis and integration of the material into a personal vocabulary as a composer and improviser are explored. Offered spring of even-numbered years.
Requisites: Requires prerequisite course of MUSC 3081 (minimum grade D). Restricted to College of Music (MUSC) graduate students only.
Additional Information: Departmental Category: Theory and Composition

MUSC 5103 (3) Teaching General Music
Provides an in-depth examination of teaching and learning processes in the elementary general music classroom, based on the integration of child development and musical development theories with content and delivery skills appropriate for K-5 general music classrooms. Students implement and evaluate music instruction, design curricular projects, and build a repertoire of vocal, instrumental, and speech-based arrangements. Offered fall of odd-numbered years.
Requisites: Restricted to Music (MUSD) or Music Education (MMED or MUED) graduate students only.
Additional Information: Departmental Category: Music Education

MUSC 5112 (3) Proseminar in Ethnomusicology
Examines the definition, scope, and methods of ethnomusicology, the discipline that focuses on approaches to the study of music theory, history, and performance practices of world cultures.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 5121 (3) Advanced Topics in Music Technology
Courses present advanced strategies for applying computer technology in music creation. Synthesis, DSP, MIDI and audio sequencing, as well as advanced music engraving, will be explored through the use of various software platforms including Logic, Reason, MAX and Finale. Offered fall term only.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Theory and Composition

MUSC 5136 (2) Advanced Conducting
Offers advanced work in conducting.
Repeatable: Repeatable for up to 12.00 total credit hours.
Requisites: Requires prerequisite course of MUSC 5081 (minimum grade D). Restricted to College of Music (MUSC) graduate students only.
Additional Information: Departmental Category: Theory and Composition

MUSC 5142 (3) American Indian Music
Examines Native North American musical cultures, emphasizing music as an integral part of religious expression and community life.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4142
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 5143 (2) Topics in Music Education
Prepares students to teach, conduct and facilitate music making in various choral ensembles. Examines skills, teaching techniques and administrative procedures necessary for developing and maintaining various choirs at the elementary through high school levels. Includes discussion of current topics in choral music education and community choral field experiences. Offered fall terms, every two years.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4143
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Music Education
MUSC 5151 (3) Topics in Music Analysis
Analytical study of a specific topic to be determined by the instructor (e.g., German Lieder, Bartok quartets, tonal rhythm, Schenker, etc.). Study published analyses representing a variety of methodologies and produce original analyses. Student must have passed graduate preliminary exams or completed remediation before enrolling in this course.
Repeatable: Repeatable for up to 3.00 total credit hours. Allows multiple enrollment in term.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Recommended: Prerequisite MUSC 5061 or MUSC 5071 as appropriate to the topic, or instructor consent required.
Additional Information: Departmental Category: Theory and Composition

MUSC 5156 (2) Symposium in Choral Music
Provides an advanced study of choral repertoire by style period. Required of all choral graduate students for a minimum of two semesters.
Repeatable: Repeatable for up to 6.00 total credit hours.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Choral and Instrumental Music

MUSC 5168 (3) World Music Theories
Examines music rules, concepts or music theories and sociocultural elements that musicians use in creating musical sound, with emphasis on music practices from a variety of world traditions; observing shared and diverging principles, making cross-cultural comparisons and developing a new pedagogy that supports the substantive study of global musics.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4168
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Choral and Instrumental Music

MUSC 5183 (2) Research in Music Teaching
Introduces basic descriptive, experimental, and qualitative research methods, including sampling, design, data collection, and analysis. Students review published music research and conduct one original research study. Offered fall of odd-numbered years.
Requisites: Restricted to Music (MUSD) or Music Education (MMED or MUED) graduate students only.
Additional Information: Departmental Category: Music Education

MUSC 5203 (2) Topics in Music Education
Provides an in-depth examination of contemporary topics in music education. Students implement and design relevant projects.
Repeatable: Repeatable for up to 12.00 total credit hours.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Music Education

MUSC 5215 (1-2) Studies in Piano Teaching
Studies the practical aspects and techniques for teaching piano at the intermediate and advanced levels in pre-college and college settings, as well as teaching group piano at the college level.
Repeatable: Repeatable for up to 2.00 total credit hours.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Recommended: Prerequisites: MUSC 5305 and MUSC 5315.
Additional Information: Departmental Category: Keyboard

MUSC 5246 (3) Jazz Improvisation and Analysis
Application of performance skills for the advanced improviser through specific harmonic, melodic and rhythmic techniques. Also includes analysis of transcriptions and varied harmonic contexts as well as a focus on the development of repertoire. Offered fall semester of odd-numbered years. Requires prerequisite course or instructor consent.
Requisites: Requires prerequisite course of MUSC 3071 (minimum grade D). Restricted to Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Choral and Instrumental Music

MUSC 5255 (2) Service Playing Techniques
Study of church music for liturgical and non-liturgical denominations; includes hymn playing, anthem accompaniments, basics of conducting from the organ console and improvisation and selection of organ music appropriate to the requirements of the church year and other special services.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4255
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Keyboard

MUSC 5256 (3) Jazz Studies Administration and Pedagogy
Surveys approaches, techniques, philosophies and materials available for teaching jazz at both pre-college and collegiate level. Subject areas covered include improvisation, composition and arranging, studio teaching and directing ensembles. Studies the organization and administration of collegiate jazz programs. Topic include curriculum, program philosophy, teaching techniques, funding, teacher training and evaluation. Offered fall terms of even-numbered years.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Recommended: Prerequisite MUSC 3253.
Additional Information: Departmental Category: Choral and Instrumental Music

MUSC 5273 (2) Comprehensive String Pedagogy
Comparative study and application of the principles of string teaching. In-depth analysis of individual instrument pedagogy and application to advanced studio and class teaching. Historical survey of major violin, viola, cello, and double bass pedagogues. Includes apprenticeship teaching. Offered fall of odd-numbered years.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Music Education

MUSC 5285 (3) Organ Survey
Survey of organ repertoire and the history of organ building from the 16th century to the present.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4285
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Keyboard

MUSC 5305 (2) Piano Pedagogy Group Techniques
Discusses materials and techniques for teaching beginning piano students of various ages in studio and class settings. Special attention given to adult classes. Includes an introduction to educational technology used in group instruction. Offered fall of odd-numbered years.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Keyboard
MUSC 5313 (3) Teaching Choral Music
Examines choral music curricula, instructional materials and teaching techniques appropriate for secondary choral settings. Also addresses administrative strategies for choral music programs. Offered spring only. **Equivalent - Duplicate Degree Credit Not Granted:** MUSC 4313
**Requisites:** Restricted to College of Music (MUSCG) graduate students only.
**Additional Information:** Departmental Category: Music Education

MUSC 5315 (2) Piano Pedagogy: Intermediate Literature
Surveys repertoire at the intermediate level and discusses teaching techniques. Explores issues related to intermediate and advanced piano performance, such as performance anxiety, physical and psychological well-being of the performer, and the development of technique. Introduces educational technology relevant to intermediate teaching. Offered spring of even-numbered years. **Requisites:** Restricted to College of Music (MUSCG) graduate students only.
**Additional Information:** Departmental Category: Keyboard

MUSC 5325 (2) Keyboard Literature 1
Examines areas of style, genre, and performance practice in selected keyboard music from 1600 to 1830. Emphasizes student presentation of specific topic areas. Offered fall terms of even-numbered years. **Requisites:** Restricted to College of Music (MUSCG) graduate students only.
**Additional Information:** Departmental Category: Keyboard

MUSC 5335 (2) Keyboard Literature 2
Examines areas of style, genre, and performance practice in selected areas of keyboard music from 1830 to the present. Emphasizes student presentation of specific topic areas. Offered spring terms of odd-numbered years. **Requisites:** Restricted to College of Music (MUSCG) graduate students only.
**Additional Information:** Departmental Category: Keyboard

MUSC 5336 (2) Brass Pedagogy
Analyzes pedagogical techniques and philosophies of teaching brass instruments, and examines materials. Offered every other spring terms. **Equivalent - Duplicate Degree Credit Not Granted:** MUSC 4336
**Requisites:** Restricted to College of Music (MUSCG) graduate students only.
**Additional Information:** Departmental Category: Choral and Instrumental Music

MUSC 5345 (2) Research: Piano Literature and Pedagogy
Looks at individual or group research related to piano pedagogy or literature for piano. **Repeatable:** Repeatable for up to 12.00 total credit hours.
**Requisites:** Restricted to College of Music (MUSCG) graduate students only.
**Additional Information:** Departmental Category: Keyboard

MUSC 5346 (3) Woodwind Pedagogy
Provides the knowledge and skills to teach woodwind instruments in both individual studio and collegiate class settings. Considers pedagogical techniques for all levels of instruction. Offered fall terms of odd-numbered years. **Requisites:** Restricted to College of Music (MUSCG) graduate students only.
**Additional Information:** Departmental Category: Choral and Instrumental Music

MUSC 5356 (2) Jazz Studies Practicum
Implements independent, project-based studies for further developing knowledge and experience in jazz pedagogy, performance and composition. Student is assessed and guided by faculty to develop specific skills needed toward becoming a more effective jazz educator. Offered spring of odd-numbered years. **Requisites:** Restricted to College of Music (MUSCG) graduate students only.
**Recommended:** Prerequisite MUSC 5256.
**Additional Information:** Departmental Category: Choral and Instrumental Music

MUSC 5365 (2) Advanced Accompanying
An in-depth study of collaborative repertoire in individually assigned projects, coached by collaborative piano faculty and others. **Repeatable:** Repeatable for up to 12.00 total credit hours.
**Requisites:** Restricted to graduate students only.
**Additional Information:** Departmental Category: Keyboard

MUSC 5405 (2) Basso-Continuo Accompaniment
Studies the history, theory and practice of Basso-continuo accompaniment. Provides practical instruction in realizing harmony from a given bass line (figured or unfigured), projecting affect and creating dynamics at the harpsichord. Emphasizes individual cognition and creativity. Offered fall term only. **Equivalent - Duplicate Degree Credit Not Granted:** MUSC 4405
**Requisites:** Restricted to College of Music (MUSCG) graduate students only.
**Additional Information:** Departmental Category: Keyboard

MUSC 5425 (2) Collaborative Literature for Piano with Winds, Brass, and Percussion
Study of all forms of wind, brass and percussion repertoire involving collaboration with piano including sonatas, duets, short pieces and concerti. Collaborative piano major or instructor consent required. Offered fall terms of odd-numbered years. **Requisites:** Restricted to College of Music (MUSCG) graduate students only.
**Additional Information:** Departmental Category: Keyboard

MUSC 5435 (2) Collaborative Literature for Piano with Strings
Study of all forms string repertoire involving collaboration with piano including sonatas, duets, short pieces and concerti. Collaborative piano major or instructor consent required. Offered spring terms of even-numbered years. **Requisites:** Restricted to College of Music (MUSCG) graduate students only.
**Additional Information:** Departmental Category: Keyboard

MUSC 5443 (3) Teaching Instrumental Music
Examines instrumental music curricula, instructional materials and teaching techniques appropriate for rehearsal, class, and lesson settings. Also addresses administration strategies for instrumental music programs. Offered spring only. **Equivalent - Duplicate Degree Credit Not Granted:** MUSC 4443
**Requisites:** Restricted to College of Music (MUSCG) graduate students only.
**Additional Information:** Departmental Category: Music Education
MUSC 5444 (2) Vocal Pedagogy
In depth study of the physiology, acoustics, and health aspects of the singing voice. Recommended for all graduate students in voice.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Voice

MUSC 5454 (2) Repertory for Young Voices
Survey of the solo repertoire for young voices, the physiological aspects of mutational voices, techniques of vocalizing young voices, and class voice procedure.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Voice

MUSC 5464 (2) French Song Literature
Provides an extensive analytical and historical discussion of French song literature styles, from the 12th century to the present.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Voice

MUSC 5484 (2) Graduate Seminar in Vocal Pedagogy
A thorough investigation of the challenges of studio voice pedagogy, including corrective techniques, psychological philosophies, and video analysis of student teaching. Examination and evaluation of comparative methodologies of vocal technique.
Requisites: Requires prerequisite course of MUSC 5444 (minimum grade D). Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Voice

MUSC 5564 (2) German Song Literature
Provides an extensive analytical and historical discussion of German song literature styles, from the 18th century to the present. Offered fall terms only.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Voice

MUSC 5583 (2) Inclusive Music Classroom
Surveys strategies necessary for teaching music to all students, including those with special needs. Offered fall of even-numbered years.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4583
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Voice

MUSC 5608 (1) Graduate Studies in the Alexander Technique
Investigates the discoveries and writings of F. M. Alexander regarding kinesthetic perception, physical coordination and mind-body awareness. Applies these contexts to specific musical activities. Analysis and research regarding Alexander’s principles.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 2608
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Interdepartmental Courses

MUSC 5642 (3) Jazz History and Literature
Studies musical trends and cultural forces influencing jazz, with analysis of improvisational styles, melodic and motivic variations, transcriptions and orchestrations from significant periods in its history. Offered spring terms only.
Requisites: Requires prerequisite course of MUSC 3642 (minimum grade D). Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 5666 (2) Chamber Music Literature: Woodwinds
Provides a stylistic-historical survey in various genres from Baroque era to present. Offered fall terms of even numbered years.
Repeatable: Repeatable for up to 12.00 total credit hours.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Choral and Instrumental Music

MUSC 5708 (2) Introduction to Music Bibliography and Research
Explores basic informational sources about music and musicians; a study of citation formats, research methodologies and writing techniques employed in music research papers, theses and dissertations. Intended to increase students’ information fluency. Required in all master’s degree programs.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Interdepartmental Courses

MUSC 5712 (3) Renaissance Music
Provides a repertory and analysis of polyphonic music, 1400-1600.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4712
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 5742 (3) Performance Practice of Early Music
Examines instrumental and vocal performance practices through the 18th century. Topics may vary from year to year.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 5752 (3) Women in Music
Examines the role of women as creators and performers of Western Music. Explores related issues in musicology, including canon formation, reception history and feminist aesthetics.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4752
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 5762 (3-4) History of Choral Literature
Provides a seminar in analysis of musical style and history of choral repertory. Those wishing review of literature and repertory may enroll for 4 credit hours.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 5772 (3) History of Opera
Examines representative operas from the 17th through the 21st centuries. Emphasizes both cultural and analytical aspects and surveys related musicological literature.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4772
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Musicology
MUSC 5802 (3) Studies in 20th Century Music
Offers intensified work in history of music in the 20th century. Topics vary from year to year.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4802
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 5808 (1) Advanced Alexander Technique for Graduate Students
Continues investigation of the benefits of Alexander’s principles regarding mind-body awareness begun in MUSC 5608. Increased emphasis on utilizing principles in specialized activity. Analysis and research regarding musical activities.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4608
Repeatable: Repeatable for up to 2.00 total credit hours.
Requisites: Requires prerequisite course of MUSC 5608 (minimum grade C), Restricted to College of Music (MUSC) graduate students only.
Additional Information: Departmental Category: Interdepartmental Courses

MUSC 5822 (3) Ancient and Medieval Music
Surveys sources from the ancient Greeks to the early Christian era and music from the 8th to the 14th century.
Repeatable: Repeatable for up to 12.00 total credit hours.
Requisites: Restricted to College of Music (MUSC) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 5832 (3) Studies in American Music
Offers intensified work in folk, popular, and art music of the United States.
Repeatable: Repeatable for up to 12.00 total credit hours.
Requisites: Restricted to College of Music (MUSC) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 5842 (3) Aesthetics of Music
Surveys various philosophies of music in writings of philosophers, psychologists, sociologists, composers, critics and historians.
Requisites: Restricted to College of Music (MUSC) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 5852 (3) 17th and Early 18th Century Music
Examines music and writings about music from the Baroque era. Emphasizes cultural and musical analysis and surveys current musicalological literature.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4852
Requisites: Restricted to College of Music (MUSC) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 5872 (3) Late 18th and 19th Century Music
Studies European and American music from the last developments of the styles through romanticism and its later 19th century reverberations.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4872
Repeatable: Repeatable for up to 12.00 total credit hours.
Recommended: Prerequisite or corequisite MUSC 3812.
Additional Information: Departmental Category: Musicology

MUSC 5882 (3) Studies in 18th and 19th Century Music
Meets as a seminar and examines selected topics in Classic and Romantic music, 1750-1900. Topics vary from year to year.
Requisites: Restricted to College of Music (MUSC) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 5892 (3) Latin American Music
Explores music of cultures of the Americas south of the United States and in the diaspora, emphasizing the relationships of music and culture in folk, popular and arts styles.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4892
Requisites: Restricted to College of Music (MUSC) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 5908 (1-3) Internship in Music Business
Engage with music/music business organizations in the community (for profit or non-profit) to pursue specific tasks or projects relevant to the student’s career goals. A minimum of 48 hours is required per semester for one credit.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4908
Repeatable: Repeatable for up to 3.00 total credit hours.
Requisites: Restricted to College of Music (MUSC) graduate students only.
Grading Basis: Pass/Fail
Additional Information: Departmental Category: Music Entrepreneurship

MUSC 5918 (2) Building Your Music Career
Develop a broad range of tools needed for a professional career in music. Topics include networking, development and use of promotional materials, funding, social media and the internet and financial management, among others - all taught through an entrepreneurial lens. A range of career opportunities is explored, using the entrepreneurial process to assess and explore a variety of paths and opportunities.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 2918
Requisites: Restricted to College of Music (MUSC) graduate students only.
Additional Information: Departmental Category: Music Entrepreneurship

MUSC 5938 (3) Management and Leadership in the Arts
Presents leadership theories and management principles and their application to arts organizations. Examines concepts and approaches for leaders of small, medium and large arts organizations in both the for-profit and nonprofit sectors, including human resource management and effective communication.
Grading Basis: Letter Grade

MUSC 5948 (3) Sustainable Arts Organizations: Forecasting and Fundraising
Equips students to create comprehensive fundraising plans rooted in strategic business planning for arts organizations, which depend on contributed income for sustainability. Students will learn the basics of planning, budgeting and forecasting, along with proven, effective fundraising strategies and techniques. Includes case studies and guest speakers with extensive professional expertise in the field.
Grading Basis: Letter Grade

MUSC 5958 (2) Community Performances
Explore the real-world issues of planning and presenting concerts. Learn to program music for all types of audiences, gain confidence speaking about your music and handle the logistics of concert production. Discuss the role of concerts in the 21st century and examine new styles of presentation, audience engagement and outreach. Course culminates in a concert presented in a local venue.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4958
Requisites: Requires prerequisite course of MUSC 5918 (minimum grade D). Restricted to College of Music (MUSC) graduate students only.
Additional Information: Departmental Category: Music Entrepreneurship
MUSC 5968 (2) Entrepreneurial Ventures in the Arts
Prepares students to evaluate opportunities in their specific arts field by analyzing existing arts organizations and then applying entrepreneurial concepts to create new enterprises. Topics for research and discussion include current issues in the arts, introduction to entrepreneurship, preparing a business feasibility study, market information for new ventures and funding sources.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Music Entrepreneurship

MUSC 5978 (3) Arts Administration & Management
Introduce students to current trends in arts administration, explore the fundamentals of managing arts organizations and develop concrete tools for managing boards, volunteers and staff, effective fund raising, strategic planning and program development. Current issues, the role of the arts and arts advocacy will be discussed.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4978
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Music Entrepreneurship

MUSC 5988 (3) The Entrepreneurial Artist
Learn the core principles of entrepreneurship, such as idea formation, venture models, opportunity assessment, market analysis and strategies for launching a venture and apply them to entrepreneurial ideas. Lectures, projects, entrepreneur interviews and case studies will culminate in a feasibility study for an original entrepreneurial concept.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 4988
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Recommended: Prerequisite MUSC 5918.
Additional Information: Departmental Category: Music Entrepreneurship

MUSC 6041 (3) Advanced Orchestration
Provides an advanced study of orchestration techniques through score analysis and student projects. Offered spring of even-numbered years.
Requisites: Restricted to Music (MUAD, MUED or MUSD) graduate students only.
Additional Information: Departmental Category: Theory and Composition

MUSC 6051 (3) Pedagogy of Music Theory
Explores methods, materials, practical techniques for teaching undergraduate music theory, aural skills and analysis. Student must have passed general written theory and aural skills preliminary exam or completed remediation before enrolling in course. Offered spring of odd-numbered years.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Theory and Composition

MUSC 6113 (2) Foundations of Music Education
Surveys historical and philosophical bases of contemporary music education. Offered fall of even-numbered years.
Requisites: Restricted to Music (MUSD) or Music Education (MMED or MUED) graduate students only.
Additional Information: Departmental Category: Music Education

MUSC 6133 (2) Comprehensive Musicianship through Performance
Explores curricular models for music education. Emphasizes comprehensive musicianship and standards-based frameworks for curriculum and development. Offered spring terms of even-numbered years.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Music Education

MUSC 6193 (1-3) Selected Studies in Music Education
Instructor consent required.
Repeatable: Repeatable for up to 12.00 total credit hours.
Requisites: Restricted to Music (MUSD) or Music Education (MMED-MMUE) students only.
Additional Information: Departmental Category: Music Education

MUSC 6203 (2) Psychology of Music Learning
Provides an overview of psychological concepts relevant to music teaching and learning. Topics include learning theories, selected individual difference variables (motivation, anxiety, creativity, and personality), physiological structures related to hearing, psychoacoustics, and approaches to examining musical ability (e.g. brain research, music aptitude, and skill acquisition). Offered spring terms only.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Music Education

MUSC 6213 (2) Assessment of Music Learning
Provides an overview of traditional and contemporary approaches to music assessment. Topics include psychometrics, standardized tests, test construction, grade reports, and student portfolios. Offered on a rotating basis during summer session.
Requisites: Restricted to Music Education (MMED-MMUE) graduate students only.
Additional Information: Departmental Category: Music Education

MUSC 6223 (2) Sociology of Music Education
Studies sociological perspectives related to music education. Topics include functions and uses of music, teacher and student role/identity development; social aspects of music performance, and cultural perspectives on music learning. Offered fall of even-numbered years.
Requisites: Restricted to Music (MUSD) or Music Education (MMED or MUED) graduate students only.
Recommended: Prerequisite MUSC 6113.
Additional Information: Departmental Category: Music Education

MUSC 6233 (2) Pedagogy of Music Teaching and Learning
Explores four topics (reflective/critical thinking, teacher effectiveness, cultural/program contexts, teachers’ lives/career development) relevant to long-term teacher development. Includes individualized feedback on teaching. Open to graduate students in music education and performance-pedagogy. Offered spring terms of odd numbered years.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Recommended: Prerequisite MUSC 6113 and/or significant teaching experience.
Additional Information: Departmental Category: Music Education
MUSC 6243 (1) Applications of Music Pedagogy
Provides a structured, collaborative environment for graduate students with K-12 teaching duties to apply the content from music education courses to their current pedagogical environments. Students will apply inquiry strategies as they design and implement an applied project that synthesizes specific theoretical or conceptual areas. Offered fall term only.
Repeatable: Repeatable for up to 2.00 total credit hours.
Requisites: Restricted to Music Education (MMED-MMUE) graduate students only.
Grading Basis: Letter Grade
Additional Information: Departmental Category: Music Education

MUSC 6325 (2) Seminar in Piano Literature
Provides an intensive study of a selected area of repertoire or history. Offered fall terms only.
Repeatable: Repeatable for up to 6.00 total credit hours.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Keyboard

MUSC 6801 (3) Advanced Topics in Music Theory
Intensive study of a specialized topic in theory and analysis through critical reading and analysis, class presentations and independent research. Student must have passed graduate preliminary exams and completed 6 credits hours of graduate-level theory before enrolling in course. Instructor determined prerequisite will be enforced as appropriate to the topic.
Repeatable: Repeatable for up to 3.00 total credit hours. Allows multiple enrollment in term.
Requisites: Requires a prerequisite course of MUSC 5708 (minimum grade D-). Restricted to Music (MUAD, MUED or MUSD) graduate students only.
Additional Information: Departmental Category: Theory and Composition

MUSC 6822 (3) Advanced Studies in MusicoLOGY
Intensive study of a specialized topic in musicology. Students will be guided in critical reading, historical or ethnographic issues, analysis, oral presentations, and independent research.
Repeatable: Repeatable for up to 6.00 total credit hours. Allows multiple enrollment in term.
Requisites: Requires prerequisite course of MUSC 5708 (minimum grade D-). Restricted to College of Music (MUSCG) graduate students only.
Additional Information: Departmental Category: Musicology

MUSC 6948 (1) Master’s Degree Candidate
Repeatable: Repeatable for up to 10.00 total credit hours.
Requisites: Restricted to College of Music (MUSCG) graduate students only.
Grading Basis: Pass/Fail
Additional Information: Departmental Category: Theses and Recitals

MUSC 7046 (3) Seminar in Jazz Literature
Provides advanced study in jazz literature and styles. Students present results of research on individually chosen topics or aspects of a topic central to the class. Requires class presentations and a major paper or project. Offered spring semester only.
Repeatable: Repeatable for up to 6.00 total credit hours.
Requisites: Restricted to Music (MUAD, MUED or MUSD) graduate students only.
Recommended: Prerequisites MUSC 5091 and MUSC 5642.
Additional Information: Departmental Category: Choral and Instrumental Music

MUSC 7103 (3) Historical Research in Music Education
Topics include oral history, archival collections, data verification, and critiquing/publishing research. Students conduct one original research study. Offered spring of even-numbered years.
Requisites: Restricted to Music Education (MMED-MMUE) doctoral students only.
Additional Information: Departmental Category: Music Education

MUSC 7113 (3) Quantitative Research in Music Education
Topics include sampling, questionnaire development, research design, intermediate and advanced statistics, presenting/publishing research, and research ethics. Students conduct an original research study. Offered fall of even-numbered years.
Requisites: Restricted to Music Education (MMED-MMUE) students only.
Additional Information: Departmental Category: Music Education

MUSC 7138 (3) Contemporary Issues in College Teaching
Examines music teaching within colleges and universities, including the evolution of university music programs, undergraduate and graduate music curricula, music professors and their work, and sociopolitical issues. Offered spring of odd-numbered terms.
Requisites: Restricted to College of Music (MUAD or MUSD) graduate students only.
Additional Information: Departmental Category: Interdepartmental Courses

MUSC 7143 (3) Qualitative Research in Music Education
Topics include qualitative research traditions, site and participant selection, data collection and analysis methods, quality standards, and research ethics. Students conduct an original research study. Offered fall of odd-numbered years.
Requisites: Restricted to MUED students only.
Additional Information: Departmental Category: Music Education

MUSC 7203 (3) Doctoral Seminar in Music Education
Provides an advanced study of topics central to the music education profession. Requires class presentations and a major paper or project. Offered fall of even-numbered years.
Requisites: Restricted to MUED students only.
Additional Information: Departmental Category: Interdepartmental Courses

MUSC 7801 (3) Doctoral Seminar in Music Theory
Provides advanced study in theory. Students present results of research on individually chosen topics or aspects of a topic central to the class. Requires a major paper or project. Student must have passed graduate preliminary exams and completed 6 credits hours of graduate-level theory before enrolling in course. Instructor determined prerequisite will be enforced as appropriate to the topic.
Requisites: Requires a prerequisite course of MUSC 5708 (minimum grade D-). Restricted to College of Music (MUAD or MUSD) graduate students only.
Additional Information: Departmental Category: Theory and Composition

MUSC 7822 (3) Seminar in Musicology
Required of all musicology majors before completion of comprehensive examinations. A different research area is designated each semester. Offered fall only.
Requisites: Restricted to Music (MUSD) graduate students only.
Additional Information: Departmental Category: Musicology