Jazz Pedagogy

Degree Offered

- Master of Music

Nature of the Program

The program is designed to prepare students for independent jazz teaching, public school teaching, college or university studio or group teaching, ensemble coaching, and the teaching of jazz improvisation and pedagogy at the college or university level.

Admissions

Admission to the program requires a score of level nine in the major performance area, piano proficiency (level three), and one year of jazz pedagogy/group or equivalent teaching experience.

Applicants are required to sight-read both musical notation and chord changes. Applicants should be prepared to play common jazz scale forms and improvise in a number of jazz and contemporary styles. In addition, applicants may choose additional music that best reflects their technical ability, overall musicianship, and musical interests. The applicant should demonstrate their versatility and creativity.

Degree Requirements

Overall GPA of 3.0 or higher required.

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### Major Learning Outcomes

**JAZZ PEDAGOGY**

Students who earn the Master of Music in Jazz Pedagogy will develop:

- Advanced competencies in jazz studies including areas such as jazz performance, improvisation, composition, and arranging.
- Advanced competencies in pedagogy specific to the study of jazz and its repertory.
- Knowledge and skills in one or more fields of music outside the major such as history and literature, theory and analysis, musicology and ethnomusicology, and recording and studio techniques.

### COURSES

**MUSC 500A. Secondary Performance: Cello. 1 Hour.**
(May be repeated for credit.) Group or individual instruction in performance on cello, with emphasis on methods and materials for school music teachers.

**MUSC 500A. Secondary Performance: Cello. 1.2 Hour.**
(May be repeated for credit.) Group or individual instruction in performance on cello, with emphasis on methods and materials for school music teachers.

**MUSC 500B. Secondary Performance: Clarinet. 1 Hour.**
(May be repeated for credit.) Group or individual instruction in performance on clarinet, with emphasis on methods and materials for school music teachers.

**MUSC 500B. Secondary Performance: Clarinet. 1.2 Hour.**
(May be repeated for credit.) Group or individual instruction in performance on clarinet, with emphasis on methods and materials for school music teachers.

**MUSC 500C. Secondary Performance: Euphonium. 1 Hour.**
(May be repeated for credit.) Group or individual instruction in performance on euphonium, with emphasis on methods and materials for school music teachers.

**MUSC 500C. Secondary Performance: Euphonium. 1.2 Hour.**
(May be repeated for credit.) Group or individual instruction in performance on euphonium, with emphasis on methods and materials for school music teachers.

**MUSC 500D. Secondary Performance: Flute. 1 Hour.**
(May be repeated for credit.) Group or individual instruction in performance on flute, with emphasis on methods and materials for school music teachers.

**MUSC 500D. Secondary Performance: Flute. 1.2 Hour.**
(May be repeated for credit.) Group or individual instruction in performance on flute, with emphasis on methods and materials for school music teachers.

**MUSC 500E. Secondary Performance: Guitar. 1 Hour.**
(May be repeated for credit.) Group or individual instruction in performance on guitar, with emphasis on methods and materials for school music teachers.

**MUSC 500E. Secondary Performance: Guitar. 1.2 Hour.**
(May be repeated for credit.) Group or individual instruction in performance on guitar, with emphasis on methods and materials for school music teachers.
MUSC 500E. Secondary Performance: Guitar. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on guitar, with emphasis on methods and materials for school music teachers.

MUSC 500F. Secondary Performance: Horn. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on horn, with emphasis on methods and materials for school music teachers.

MUSC 500F. Secondary Performance: Horn. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on horn, with emphasis on methods and materials for school music teachers.

MUSC 500F. Secondary Performance: Horn. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on horn, with emphasis on methods and materials for school music teachers.

MUSC 500G. Secondary Performance. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500G. Secondary Performance. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500G. Secondary Performance. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500H. Secondary Performance: Oboe. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on oboe, with emphasis on methods and materials for school music teachers.

MUSC 500H. Secondary Performance: Oboe. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on oboe, with emphasis on methods and materials for school music teachers.

MUSC 500H. Secondary Performance: Oboe. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on oboe, with emphasis on methods and materials for school music teachers.

MUSC 500I. Secondary Performance: Percussion. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on percussion instruments, with emphasis on methods and materials for school music teachers.

MUSC 500I. Secondary Performance: Percussion. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on percussion instruments, with emphasis on methods and materials for school music teachers.

MUSC 500I. Secondary Performance: Percussion. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on percussion instruments, with emphasis on methods and materials for school music teachers.

MUSC 500J. Secondary Performance: Piano. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on piano, with emphasis on methods and materials for school music teachers.

MUSC 500J. Secondary Performance: Piano. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on piano, with emphasis on methods and materials for school music teachers.

MUSC 500J. Secondary Performance: Piano. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on piano, with emphasis on methods and materials for school music teachers.

MUSC 500K. Secondary Performance: Pipe Organ. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on pipe organ, with emphasis on methods and materials for school music teachers.

MUSC 500K. Secondary Performance: Pipe Organ. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on pipe organ, with emphasis on methods and materials for school music teachers.

MUSC 500K. Secondary Performance: Pipe Organ. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on pipe organ, with emphasis on methods and materials for school music teachers.
MUSC 500L. Secondary Performance: Saxophone. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on saxophone, with emphasis on methods and materials for school music teachers.

MUSC 500L. Secondary Performance: Saxophone. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on saxophone, with emphasis on methods and materials for school music teachers.

MUSC 500L. Secondary Performance: Saxophone. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on saxophone, with emphasis on methods and materials for school music teachers.

MUSC 500M. Secondary Performance: String Bass. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on string bass, with emphasis on methods and materials for school music teachers.

MUSC 500M. Secondary Performance: String Bass. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on string bass, with emphasis on methods and materials for school music teachers.

MUSC 500M. Secondary Performance: String Bass. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on string bass, with emphasis on methods and materials for school music teachers.

MUSC 500N. Secondary Performance: Trombone. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on trombone, with emphasis on methods and materials for school music teachers.

MUSC 500N. Secondary Performance: Trombone. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on trombone, with emphasis on methods and materials for school music teachers.

MUSC 500N. Secondary Performance: Trombone. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on trombone, with emphasis on methods and materials for school music teachers.

MUSC 500O. Secondary Performance: Trumpet. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on trumpet, with emphasis on methods and materials for school music teachers.

MUSC 500O. Secondary Performance: Trumpet. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on trumpet, with emphasis on methods and materials for school music teachers.

MUSC 500O. Secondary Performance: Trumpet. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on trumpet, with emphasis on methods and materials for school music teachers.

MUSC 500P. Secondary Performance: Tuba. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on tuba, with emphasis on methods and materials for school music teachers.

MUSC 500P. Secondary Performance: Tuba. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on tuba, with emphasis on methods and materials for school music teachers.

MUSC 500P. Secondary Performance: Tuba. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on tuba, with emphasis on methods and materials for school music teachers.

MUSC 500Q. Secondary Performance: Viola. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on viola, with emphasis on methods and materials for school music teachers.

MUSC 500Q. Secondary Performance: Viola. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on viola, with emphasis on methods and materials for school music teachers.

MUSC 500Q. Secondary Performance: Viola. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on viola, with emphasis on methods and materials for school music teachers.

MUSC 500R. Secondary Performance: Violin. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on violin, with emphasis on methods and materials for school music teachers.

MUSC 500R. Secondary Performance: Violin. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on violin, with emphasis on methods and materials for school music teachers.
MUSC 500R. Secondary Performance: Violin. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on violin, with emphasis on methods and materials for school music teachers.

MUSC 500S. Secondary Performance: Voice. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on voice, with emphasis on methods and materials for school music teachers.

MUSC 500S. Secondary Performance: Voice. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on voice, with emphasis on methods and materials for school music teachers.

MUSC 500S. Secondary Performance: Voice. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on voice, with emphasis on methods and materials for school music teachers.

MUSC 500T. Secondary Performance: Ethnic Percussion. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on ethnic percussion, with emphasis on methods and materials for school music teachers.

MUSC 500T. Secondary Performance: Ethnic Percussion. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on ethnic percussion, with emphasis on methods and materials for school music teachers.

MUSC 500T. Secondary Performance: Ethnic Percussion. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on ethnic percussion, with emphasis on methods and materials for school music teachers.

MUSC 500T. Secondary Performance: Ethnic Percussion. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on ethnic percussion, with emphasis on methods and materials for school music teachers.

MUSC 500U. Secondary Performance. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500U. Secondary Performance. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500U. Secondary Performance. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500V. Secondary Performance. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500V. Secondary Performance. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500W. Secondary Performance. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500W. Secondary Performance. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500X. Secondary Performance. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.
MUSC 500X. Secondary Performance. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500X. Secondary Performance. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500Y. Secondary Performance. 1 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500Y. Secondary Performance. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500Z. Secondary Performance. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 500Z. Secondary Performance. 1,2 Hour.
(May be repeated for credit.) Group or individual instruction in performance on a minor instrument (or voice), with emphasis on methods and materials for school music teachers.

MUSC 501. Music Ensemble. 2 Hours.
To rehearse and perform as part of one of the following WVU major ensembles: the Wind Symphony, the Symphonic Band, the Symphony Orchestra, the University Choir, and Big Band (Jazz Ensemble).

MUSC 561. Graduate Theory Review. 3 Hours.
Review of undergraduate basic musicianship (writing, ear training, sight singing, and analysis) for incoming graduate students with deficiencies. Not open to undergraduates.

MUSC 590. Teaching Practicum. 1-3 Hours.
PR: Consent. Supervised practice in college teaching of music. Note: This course is intended to insure that graduate assistants are adequately prepared and supervised when they are given college teaching responsibility. It also provides a mechanism for students not on assistantships to gain teaching experience. (Grading will be P/F.).

MUSC 591. Advanced Topics. 1-6 Hours.
PR: Consent. Investigation of advanced topics not covered in regularly scheduled courses.

MUSC 592. Directed Study. 1-6 Hours.
Directed study, reading, and/or research.

MUSC 593. Special Topics. 1-6 Hours.
A study of contemporary topics selected from recent developments in the field.

MUSC 594. Seminar. 1-6 Hours.
Special seminars arranged for advanced graduate students.

MUSC 595. Independent Study. 1-6 Hours.
Faculty supervised study of topics not available through regular course offerings.

MUSC 610. Foundations of Recording Industry. 3 Hours.
PR: MUSC 611. The course covers development of the recorded music industry system, methods, and operations from mid 1800s to the present, with emphasis on the development of independent and major record labels, commercial and creative practices, technological progress, and social, cultural, economic and legal influences.

MUSC 611. Music Industry Regulations. 3 Hours.
Advanced analysis of the current scope and content of music industry regulations and their impact on today's music industry commercial models and practices. Structure and methods of collective music rights administration and enforcement mechanisms. Regulatory responses to music digitalization and digital market place.

MUSC 612. Music Product Advancement. 3 Hours.
MUSC 613. Music Performance Organization and Commerce. 3 Hours.

MUSC 614. Advanced Recording Industry. 3 Hours.
PR: MUSC 611. Administration, regulations, and commercial strategies of today's recording industry. Recorded music product production planning, budgeting, organization, advancement, and sales in the digital and physical market place.

MUSC 615. Advanced Music Publishing. 3 Hours.
Main stream music publishing industry regulations, models, structures and organization. Current commercial practices, strategies, and procedures in music publishing. Catalog acquisition, administration and advancement methods and processes.

MUSC 617. Development of Music Technology. 3 Hours.
PR: MUSC 611. The course covers development of technological innovations and their influence on music industry production, reproduction, regulations, and commerce, from mid 19th century to present.

MUSC 619. Music in Multimedia. 3 Hours.
PR: MUSC 611. The course covers scope, development, creation, and production of music material for visual, interactive, and digital media applications, as well as regulations, licensing, and commerce of music in multimedia.

MUSC 620. International Music Industry. 3 Hours.
PR: MUSC 611. The course covers music industry systems, commerce, and regulations in major international music markets, as well as strategic options for entering and competing in foreign music markets, role of alliances with music industry partners from developing economies, and competing in emerging music markets.

MUSC 621. Artist Representation. 3 Hours.
PR: MUSC 611. The course covers practices, methods, and regulations of artist management in the music industry, including talent agencies, personal management, performance, publishing, and recording agreements, tours, and artist promotion.

MUSC 623. Recording Production. 3 Hours.
PR: MUSC 611. This course is an overview of music recording production theory and practice, including audio recording concepts, practices, equipment, software, standard professional recording techniques, and their implications on the production management.

MUSC 624. Live Music Production. 3 Hours.
PR: MUSC 611. This course is an overview of live music production theory and practice, including sound reinforcement concepts, practices, equipment, as well as standard professional live audio engineering and production techniques.

MUSC 626. Music Industry Project. 3 Hours.
PR: Taken after the completion of all the MA in Music Industry Program courses, or, by permission of the program director, during the last semester of the MA in Music Industry studies, concurrently with other courses. Comprehensive final project utilizing acquired competencies in creative, technical, and operational elements of the commercial music industry's methods and practices. The course involves initiation, creation, and execution of an approved professional music industry project. This course is taken when all the other courses in the MA in Music industry sequence are completed.

(May be repeated for credit.) (Offered in one credit modules of which students may take one or more each semester.) Pedagogy, repertoire, interpretation, and other topics which will enhance preparation of private piano teachers.

MUSC 631. Survey of Orchestral Music. 3 Hours.
PR: 6 hours of upper-division music history or consent. Survey analysis of orchestral music from the late Baroque period to the present from the perspective of the conductor.

MUSC 632. Survey of Wind Music. 3 Hours.
PR: 6 hours of upper-division music history or consent. Survey and analysis of wind music from the late Baroque period to the present from the perspective of the conductor.

MUSC 633. Survey of Vocal Music. 3 Hours.
PR: 6 hours of upper-division music history. Survey of masses, oratorios, cantatas and opera from late Renaissance to the twentieth century. Solo repertoire will not be included.

MUSC 634. Jazz Performance and Pedagogy. 1-3 Hours.
(May be repeated for credit.) Methods and materials, observation. Offered in modules of which students may take one or more each semester: survey of jazz literature, survey of teaching technique, practical teaching/experience, or special topics.

MUSC 640. Chamber Music: Brass. 3 Hours.
(May be repeated for credit.) Performance in small brass ensembles.

MUSC 641. Chamber Music: Guitar. 3 Hours.
(May be repeated for credit.) Performance in small guitar ensembles.

MUSC 642. Chamber Music: Jazz. 3 Hours.
(May be repeated for credit.) Performance in jazz ensembles, instrumental or vocal.
MUSC 643. Chamber Music: Percussion. 3 Hours.
(May be repeated for credit.) Performance in percussion ensembles.

MUSC 644. Chamber Music: Percussion-Ethnic. 3 Hours.
(May be repeated for credit.) Performance in percussion ensembles emphasizing music from non-Western cultures.

MUSC 645. Chamber Music: Percussion-Gamelan. 3 Hours.
(May be repeated for credit.) Performance in Gamelan ensembles.

MUSC 646. Chamber Music: Percussion Steel Band. 3 Hours.
(May be repeated for credit.) Performance in steel band ensembles.

MUSC 647. Chamber Music: Piano. 3 Hours.
(May be repeated for credit.) Performance in piano four-hand chamber music or performance by pianists in other ensembles.

MUSC 648. Chamber Music: String. 3 Hours.
(May be repeated for credit.) Performance in small string ensembles.

MUSC 649. Chamber Music: Voice. 3 Hours.
(May be repeated for credit.) Performance in small vocal ensembles.

MUSC 650. Chamber Music: Woodwind. 3 Hours.
(May be repeated for credit.) Performance in wind quintet and small woodwind ensembles.

MUSC 651. Chamber Music: Other. 3 Hours.
(May be repeated for credit.) Performance in small mixed ensembles.

MUSC 660. Composition. 3 Hours.
(May be repeated for credit.) PR: Consent. Primarily for candidates for graduate degrees in theory or composition.

MUSC 670. Perspectives of Musicology and Ethnomusicology. 3 Hours.
A survey of western and non-western musics, with particular attention to historiographies, social contexts, and evolution of musical styles.

MUSC 671. Music History Pedagogy. 3 Hours.
Current and best practices in the teaching of undergraduate music history courses, including courses for non-majors and music majors (so-called survey courses). Topics include: Development of learning objectives; syllabus design; textbooks/other teaching resources; undergraduate writing; assessment design and implementation; pedagogical models; classroom technologies; performance and composition in music history courses.

MUSC 678. Masters Field Study. 2-4 Hours.
A school-based field study that demonstrates application of knowledge and skills from graduate study as a culminating project in music education.

MUSC 680. Music in the Elementary School. 3 Hours.

MUSC 681. Teaching Music Appreciation. 3 Hours.

MUSC 682. Contemporary Techniques in Classroom Music. 3 Hours.
PR: MUSC 382 or Consent. Principles and practice of contemporary techniques in elementary and junior high school classroom music, including those of Orff and Kodaly.

MUSC 683. Music Making in Middle School/Junior High. 3 Hours.
PR: MUSC 380, and MUSC 381, and MUSC 382 equivalent or Consent. Identification and sequencing of appropriate concepts and skills for general music class students. Selection and use of materials including popular music. Emphasis on student music-making activities. Evaluation procedures included.

MUSC 684. Music in Early Childhood. 3 Hours.
PR: MUSC 380, and MUSC 381, and MUSC 382, or equivalent, or Consent. Musical experiences for children three through ten years. Emphasis on intellectual, physical and social/emotional needs and characteristics of children. Materials and activities for developing music concepts, skills, and positive response.

MUSC 686. Instrumental Methods and Materials. 3 Hours.
PR: Consent. Methods, materials, and administration of K-12 instrumental music programs; sequential instruction; conceptual and skill development; aural and reading competencies in music. (Bi-weekly lab. 3 hr. lec.).

MUSC 687. Choral Music Methods and Materials. 3 Hours.
PR: Consent. Methods, materials, and administration of choral music programs; sequential instruction; conceptual and skill development; teaching aural and reading competencies. (Bi-weekly lab. 3 hr. lec.).

MUSC 688. General Music Methods and Materials. 3 Hours.
PR: Consent. Introduction to major pedagogical approaches used in K-12 general music classrooms; examination and development of materials and curricula; analysis of teaching and learning styles. (Bi-weekly lab. 3 hr. lec.).

MUSC 689. Master's Recital. 2-4 Hours.
PR: MUSC 499 Senior recital or consent. May be repeated for credit. Master's performance students shall be permitted to give a recital only after they pass a qualifying audition before a designated faculty committee at least six weeks before the recital is to be given.
MUSC 690. Teaching Practicum. 1-3 Hours.
PR: Consent. Supervised practice in college teaching of music. Note: This course is intended to insure that graduate assistants are adequately prepared and supervised when they are given college teaching responsibility. It also provides a mechanism for students not on assistantships to gain teaching experience. (Grading will be P/F.)

MUSC 691. Advanced Topics. 1-6 Hours.
PR: Consent. Investigation of advanced topics not covered in regularly scheduled courses.

MUSC 692. Directed Study. 1-6 Hours.
Directed study, reading, and/or research.

MUSC 693. Special Topics. 1-6 Hours.
A study of contemporary topics selected from recent developments in the field.

MUSC 695. Independent Study. 1-6 Hours.
Faculty supervised study of topics not available through regular course offerings.

MUSC 696. Graduate Seminar. 1 Hour.
PR: Consent. Each graduate student will present at least one seminar to the assembled faculty and graduate student body of his or her program.

MUSC 697. Research. 1-15 Hours.
PR: Consent. Research activities leading to thesis, problem report, research paper or equivalent scholarly project, or a dissertation. (Grading may be S/U.)

MUSC 698. Thesis or Dissertation. 1-6 Hours.
PR: Consent. This is an optional course for programs that wish to provide formal supervision during the writing of student reports (698), or dissertations (798). Grading is normal.

MUSC 699. Graduate Colloquium. 1-6 Hours.
PR: Consent. For graduate students not seeking coursework credit but who wish to meet residency requirements, use the University's facilities, and participate in its academic and cultural programs. Note: Graduate students who are not actively involved in coursework or research are entitled, through enrollment in their department's 699/799 Graduate Colloquium to consult with graduate faculty, participate in both formal and informal academic activities sponsored by their program, and retain all of the rights and privileges of duly enrolled students. Grading is P/F; colloquium credit may not be counted against credit requirements for masters programs. Registration for one credit of 699/799 graduate colloquium satisfies the University requirement of registration in the semester in which graduation occurs.

MUSC 700A. Performance: Cello. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700A. Performance: Cello. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700A. Performance: Cello. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700B. Performance: Clarinet. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700B. Performance: Clarinet. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700B. Performance: Clarinet. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700C. Performance: Horn. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.
MUSC 700C. Performance: Horn. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700D. Performance: Percussion. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700E. Performance: Piano. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700F. Performance: Pipe Organ. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700G. Performance: Saxophone. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700H. Performance: Trumpet. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.
MUSC 700I. Performance: Voice. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700J. Performance: Conducting. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700K. Performance: Euphonium. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700L. Performance: Flute. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700M. Performance: Guitar. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700N. Performance: Harpsichord. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700O. Performance: Oboe. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.
MUSC 700P. Performance: String Bass. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700P. Performance: String Bass. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700Q. Performance: Trombone. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700Q. Performance: Trombone. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700R. Performance: Tuba. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700R. Performance: Tuba. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700S. Performance: Viola. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700S. Performance: Viola. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700T. Performance: Violin. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700T. Performance: Violin. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700U. Performance: Applied Jazz. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700U. Performance: Applied Jazz. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700V. Performance. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700V. Performance. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.
MUSC 700W. Performance. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700X. Performance. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700Y. Performance. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 700Z. Performance. 1-4 Hours.
PR: Open to qualified students in any field in performance. (May be repeated for a maximum of 24 credit hours.) Normally offered for two credits (one 30-minute lesson per week) or four credits (one 60-minute lesson per week). A student must demonstrate ability of grade-level 10 to receive credit for this course.

MUSC 704. Opera Theatre. 2 Hours.
Performance of major roles and advanced production techniques. Qualified students will undertake production-direction projects under supervision.

MUSC 710. Conducting. 3 Hours.
PR: MUSC 202 or equivalent. Instrumental and choral conducting. Major works are prepared and conducted through the use of recordings and music organizations.

MUSC 711. Conducting Seminar. 3 Hours.
PR: MUSC 710. Instrumental and choral conducting of major works under the supervision of the conductor of a major ensemble.

MUSC 720. Applied Voice Teaching Technique. 1 Hour.
PR: Consent. (May be repeated for a maximum of 6 credit hours.) Doctoral seminar intended to refine and further the skills acquired in MUSC 432 and MUSC 433.

MUSC 721. Voice Acoustics/Teaching Technology. 2 Hours.
This course is designed to prepare students to have knowledge of, and be comfortable using, technical equipment that has become available for use in the voice studio. Detailed attention will be given to Voce Vista.

MUSC 722. Vocal Repertoire-Teaching: English and American. 1 Hour.
This course is designed to compile a database of repertoire, by language or style, for ease of use in voice studio. Repertoire will be examined for pedagogic usefulness and appropriateness.

MUSC 723. Vocal Repertoire-Teaching: Italian and Spanish. 1 Hour.
This course is designed to compile a database of repertoire, by language or style, for ease of use in voice studio. Repertoire will be examined from a standpoint of pedagogic usefulness and appropriateness.

MUSC 724. Vocal Repertoire-Teaching: German. 1 Hour.
This course is designed to compile a database of repertoire, by language or style, for ease of use in the voice studio. Repertoire will be examined from a standpoint of pedagogic usefulness and appropriateness.
MUSC 725. Voice Repertoire-Teaching: French. 1 Hour.
This course is designed to compile a database of repertoire, by language and style, for ease of use in the voice studio. Repertoire will be examined from a standpoint of pedagogic usefulness and appropriateness.

MUSC 726. Vocal Repertoire-Teaching: Opera/Oratorio. 1 Hour.
This course is designed to compile a database of repertoire, by language and style, for ease of use in the voice studio. Repertoire will be examined from a standpoint of pedagogic usefulness and appropriateness.

MUSC 727. Vocal Repertoire-Teaching: Musical Theatre. 1 Hour.
This course is designed to compile a database of repertoire, by language and style, for ease of use in the voice studio. Repertoire will be examined from a standpoint of pedagogic usefulness and appropriateness.

MUSC 730A. Master Class in Applied Repertoire: Voice. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of the D.M.A. in voice.

MUSC 730B. Master Class in Applied Repertoire: Percussion. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of the D.M.A. in percussion.

MUSC 730C. Master Class in Applied Repertoire: Organ. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of the D.M.A. in organ.

MUSC 730D. Master Class in Applied Repertoire: Woodwind. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of the D.M.A. in a woodwind instrument.

MUSC 730E. Master Class in Applied Repertoire: String. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of the D.M.A. in a stringed instrument.

MUSC 730F. Master Class in Applied Repertoire: Brass. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of the D.M.A. in a brass instrument.

MUSC 730G. Master Class in Applied Repertoire: Piano. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of the D.M.A. in piano.

MUSC 730H. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.

MUSC 730I. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.

MUSC 730J. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.

MUSC 730K. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.
MUSC 730L. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.

MUSC 730M. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.

MUSC 730N. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.

MUSC 730O. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.

MUSC 730P. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.

MUSC 730Q. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.

MUSC 730R. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.

MUSC 730S. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.

MUSC 730T. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.
MUSC 730Y. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.

MUSC 730Z. Master Class in Applied Repertoire. 2 Hours.
(May be repeated for credit.) PR: Consent. Designed to give coverage through performance of the literature of a specific D.M.A. Performance field.

MUSC 731. Keyboard Literature. 3 Hours.
PR: MUSC 434 and MUSC 435A. Intensive study of the literature for keyboard instruments and the history of the literature.

MUSC 732. Song Literature. 1-3 Hours.
PR: MUSC 434 and MUSC 435. Intensive study of the Art Song and the Lied and the history of their development.

MUSC 733. Choral Literature. 3 Hours.

MUSC 737. Ethnic Percussion. 3 Hours.
PR: MUSC 116 and MUSC 434 and MUSC 435; graduate percussion majors only. Examination of selected music from regions such as Africa, Asia, and Latin America; focus on music, instruments, and performance techniques and practices; functions of percussion music in society.

MUSC 761. Theory Topics. 3-5 Hours.
(May be repeated for max. 8 hr. credit.) Various types of analytical and theoretical problems and approaches to their solutions.

MUSC 762. Pedagogy of Theory. 3 Hours.
PR: MUSC 264 or Consent. Consideration of various approaches to the teaching of theory.

MUSC 763. Analytical Techniques. 3 Hours.
Analytical techniques and their application to scholarship and performance, with emphasis on pre-twentieth century styles.

MUSC 764. Compositional Techniques in Contemporary Music. 3 Hours.
Analysis of twentieth-century music.

MUSC 765. Transcription and Arranging. 3 Hours.
(May be repeated once for credit.) PR: MUSC 266 or equivalent. Major projects in scoring for orchestra, band, or wind ensemble.

MUSC 766. Composition Pedagogy. 3 Hours.
PR: graduate composition major status. Seminar in teaching techniques, curriculum design, and assessment of talent of undergraduate composers. Teaching practicum included.

MUSC 771. Music Research and Bibliography. 3 Hours.
Introduction to research strategies to discover and critically evaluate print and electronic music resources in the search for new understanding of the field and related disciplines. Students will defray costs of a required field trip.

MUSC 779. Psychology of Music. 3 Hours.
Introductory study of musical acoustics and psychology of perception of music.

MUSC 780. Choral Techniques. 2 Hours.
PR: (MUSC 380 and MUSC 381 and MUSC 382) or equivalent. Advanced techniques and procedures involved in development of choral ensembles.

MUSC 781. Instrumental Techniques. 2 Hours.
PR: (MUSC 380 and MUSC 381 and MUSC 382) or equivalent. Advanced techniques and procedures involved in individual performance and instruction through lecture demonstrations by performance faculty.

MUSC 782. Historical Foundations of Music Education. 3 Hours.
Examination of the history of music education from classical antiquity to the present, with particular emphasis on practices in the United States; examination and application of historical research methods.

MUSC 783. Foundations of Music Education. 3 Hours.
PR: (MUSC 380 and MUSC 381 and MUSC 382) or equivalent. Survey and critical study of historical, philosophical, psychological, and sociological aspects of music education. Includes current trends in music education.

MUSC 784. Introduction to Research in Music Education. 3 Hours.
PR: (MUSC 380 and MUSC 381 and MUSC 382) or equivalent. Methods and measures necessary for conduct and understanding of research in music education.

MUSC 787. Vocal Pedagogy Internship. 2 Hours.
This course provides the opportunity for advanced study with a specialist in the student's chosen area of dissertation research. This may take place at WVU or externally after passing the comprehensive exams.
MUSC 788B. DMA Graduation Recital. 1 Hour.
Final recital and culminating event in the DMA degree for Performance or Conducting. Program repertoire must be approved by DMA committee prior to performance.

MUSC 789. Lecture Recital. 2 Hours.
PR: MUSC 771.

MUSC 791. Advanced Topics. 1-6 Hours.
PR: Consent. Investigation of advanced topics not covered in regularly scheduled courses.

MUSC 792. Directed Study. 1-6 Hours.
Directed study, reading, and/or research.

MUSC 793. Special Topics. 1-6 Hours.
A study of contemporary topics selected from recent developments in the field.

MUSC 794. Seminar. 1-6 Hours.
Special seminars arranged for advanced graduate students.

MUSC 795. Independent Study. 1-9 Hours.
Faculty supervised study of topics not available through regular course offerings.

MUSC 797. Research. 1-15 Hours.
PR: Consent. Research activities leading to thesis, problem report, research paper or equivalent scholarly project, or a dissertation. (Grading may be S/U.)

MUSC 900. Professional Development. 1-6 Hours.
Professional development courses provide skill renewal or enhancement in a professional field or content area (e.g. education, community health, geology.) The continuing education courses are graded on a pass/fail grading scale and do not apply as graduate credit toward a degree program.

MUSC 930. Professional Development. 1-6 Hours.
Professional development course provide skill renewal or enhancement in a professional field or content area (e.g., education, community health, geology). These tuition-waived continuing education courses are graded on a pass/fail grading scale and do not apply as graduate credit toward a degree program.
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<td>MUSC T130</td>
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<td>MUSC T140</td>
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