Music Education, M.M.

Center for the Performing and Cinematic Arts / BOYER COLLEGE OF MUSIC AND DANCE

Learn more about the Master of Music in Music Education.

About the Program

The Master of Music in Music Education degree offers opportunities for advanced studies on broad-based principles and practices in Music Education, as well as theories of learning and teaching, and provides an introduction to research methodology.

Time Limit for Degree Completion: 6 years

Campus Location: Main. Also offered fully online for students currently residing in Alaska, Arizona, California, Colorado, Hawaii, Idaho, Illinois, Maine, Montana, Nebraska, New Hampshire, New Jersey, North Carolina, Ohio, Oklahoma, Pennsylvania, South Dakota, Texas, Vermont, Virginia, Wisconsin, and Wyoming. Whether enrolling in the in-class or the online program, students must already hold teacher certification in at least one state.

Full-Time/Part-Time Status: The degree program can be completed on a full- or part-time basis.

Accreditation: The Music Education programs at Boyer College of Music and Dance are fully accredited by the National Association of Schools of Music (NASM), the Pennsylvania Department of Education, and the National Council for Accreditation of Teacher Education (NCATE).

Areas of Specialization: The M.M. in Music Education provides opportunities for advanced study through specialization in either music education practice or music education research. This program of study is designed for students intending to pursue a doctoral degree in Music Education; those seeking permanent certification in Pennsylvania; or those who view the degree as terminal.

Job Prospects: Students typically find employment in educational systems and also within the music industry. The program also is recommended for those who plan to pursue a doctoral degree in Music Education.

Non-Matriculated Student Policy: With permission from the Dean's Office, individuals may be granted permission to enter the College as a non-matriculated student, taking up to 9 graduate credits (excluding private lessons) before applying for admission to a program.

Financing Opportunities: Boyer College of Music and Dance offers a number of assistantships and academic internships to matriculated graduate students. Full awards carry a cash stipend plus full tuition remission for the Fall and Spring terms. Partial awards also are available in values of 1/4 or 1/2 of a full award. Duties for assistantships and internships vary, but typically include teaching, tutoring, classroom assistance, research, artistic performance, and/or direct service related to academic programs. Applicants must submit an assistantship/internship application by March 1 to obtain priority consideration for an award. Applications are available online at the Graduate Financial Aid page of Boyer's website. Typically these awards are made only in the Fall term for up to two terms: Fall and Spring. Awards may be renewed on an annual basis (typically up to one additional year for master's students and up to three years for doctoral students) based on departmental needs as well as satisfactory academic and musical progress by the recipient.

Admission Requirements and Deadlines

Application Deadline:

Fall: February 1
Spring: November 15

Decisions regarding admission are rendered after all required credentials have been submitted and the admissions application is complete.

APPLY ONLINE to this graduate program.

Letters of Reference:

Number Required: 2

From Whom: Letters of recommendation should be obtained from evaluators who can provide insight into the applicant's abilities, talents, and aptitude for graduate study. Applicants who received a bachelor's degree from the Boyer College of Music and Dance within the previous 12 months are exempt from this requirement.

Coursework Required for Admission Consideration: All applicants must present credentials that are the equivalent of the appropriate Bachelor of Music degree at Temple University, which is based on a curriculum of 124 to 135 hours.

Bachelor's Degree in Discipline/Related Discipline: A degree in Music Education is required.
Statement of Goals: Provide a written account of your accomplishments to date, your goals and expectations for the program, your goals for beyond the program, and your special interests in the discipline.

Standardized Test Scores:
Applicants who earned their baccalaureate degree from an institution where the language of instruction was other than English, with the exception of those who subsequently earned a master’s degree at a U.S. institution, must report scores for a standardized test of English that meet these minimums:

- TOEFL iBT: 90
- IELTS Academic: 6.5
- PTE Academic: 61

Resume: Your current resume must be submitted in paper form with other supporting application materials and forwarded electronically to the department chair.

Academic and Musical Profile (AMP): The Academic and Musical Profile (AMP) consists of two parts:

1. Performance: Applicants must submit a digital video of representative instruction episodes that adequately demonstrate both teaching skills and musicianship. The tape should be no more than 15 minutes in duration and may include any type of music teaching. Applicants should include a brief written narrative explaining the contents of the video.
2. Written: This examination is completed by the applicant during the on-campus interview visit. The applicant has 90 minutes to demonstrate writing skills and general knowledge about music education. The exam is scored by Music Education faculty. Results are considered in the admissions decision. Additional coursework may be required to remediate inadequacies.

Teaching Certification: Applicants must be certified to teach in at least one state in the United States. A copy of the teaching certificate must be submitted.

Transfer Credit: A student who wishes to transfer credit should speak with her/his academic advisor and obtain a ‘Request for Transfer of Graduate Credit’ form, found in TUportal under the Tools tab within “University Forms.” Transfer credits must be approved by the advisor, the department chair, and the Associate Dean. The maximum number of credits a student may transfer is 6.

Other: Due to the large number of applications for admission and the competitive nature of its music programs, the College admits only a portion of its applicants. In addition to the general admissions credentials required of all Temple University graduate applicants, specialized admission criteria (i.e., auditions, portfolios, interviews, recommendations, departmental term papers, and standardized examinations) are very heavily weighted in admission decisions of the Boyer College of Music and Dance. Graduate applicants may be rejected for admission for failing to obtain the required level of proficiency in any one area of the specialized admission criteria regardless of the level of success in meeting the Temple University general admission criteria. In addition to the level of success demonstrated in the above-mentioned criteria, a final admission factor is the College’s Optimum Enrollment Policy. This Policy may preclude the admission of any student who meets the minimum requirements.

Applicants are encouraged, but not required, to submit any additional information that will help the faculty making an admissions decision. Additional items may include, but are not limited to, digital recordings of compositions or arrangements, recordings of performance groups, lesson or rehearsal plans, curriculum development material, and recital performance recordings.

Program Requirements

General Program Requirements:
Number of Credits Required Beyond the Baccalaureate: 30

Required Courses: ^1

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MUED 8651</td>
<td>Psych Music Lrn &amp; Behav</td>
<td>3</td>
</tr>
<tr>
<td>MUED 8652</td>
<td>Measurement and Evaluation in Music</td>
<td>3</td>
</tr>
<tr>
<td>MUED 8653</td>
<td>Learning Theory in Music</td>
<td>3</td>
</tr>
<tr>
<td>MUED 8661</td>
<td>Research in Music Education</td>
<td>3</td>
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Electives

Additional Music Education Courses 6
Coursework in Supporting Areas ^2 9

Capstone Course

MUED 9995 Master's Final Project 3
Music Education, M.M.

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<thead>
<tr>
<th>or MUED 9996</th>
<th>Master's Thesis Music Education</th>
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<tr>
<td>Total Credit Hours</td>
<td>30</td>
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1. All M.M. coursework stresses the acquisition of advanced knowledge of the theory of teaching and learning, as well as principles of and practices in Music Education.

2. ‘Supporting areas’ include, for example, ethnomusicology, music history, and music theory.

**Additional Requirements:**

All degree credits are to be earned at Temple University.

**Diagnostic Examinations:**

Diagnostic examinations in Aural Theory, Written Theory, and Music History are **required for all** entering master's students. The exceptions are students in Jazz Studies and Music Therapy who have their examinations arranged within their respective departments. In addition, Keyboard students take an additional two-hour examination in Keyboard Literature. As stated in the Boyer College Graduate Handbook, master’s students may not take final qualifying examinations nor perform graduation recitals until all diagnostic examinations have been successfully completed.

The exams may be taken in one day or split over three days, or the exams can be taken online for a fee. Preparations are provided upon registration. Visit the Boyer College of Music and Dance website for the graduate music examination schedule. To register for the diagnostic examinations, complete Boyer College’s registration form.

Please note that registration for a student's first term of study is completed in consultation with the Associate Dean for Student Affairs. Please re-read the admission letter, especially the “Special Notes” section on page 2, regarding any entrance deficiencies. If any remedial coursework is required, it must be completed by the end of the first year of study. It is also best for students to complete MUST 8701 Research in Music, which is required of all students except those in Jazz Studies, Music Education, and Music Therapy in the first year of study.

**A. Graduate Diagnostic Examination in Aural Theory**

The examination lasts approximately 40 minutes and consists of a written portion in which students are asked to:

1. Dictate a chord progression that modulates and contains chromatic harmony by writing out the bass line and identifying chords by Roman numerals and inversions.
2. Complete a two-part melodic dictation that modulates and contains chromatic pitches.

**B. Graduate Diagnostic Examination in Written Theory**

The examination lasts one and one-half hours and is in two parts:

1. Harmonic analysis of two chorales: one that uses diatonic harmony, and one that uses chromatic harmony.
2. Analysis of the form, motives, and phrase structures of the first movement of a Classical-era piano sonata.

**C. Graduate Diagnostic Examination in Music History**

The examination lasts one hour and contains objective questions in a multiple choice and/or true/false format. It covers composers, forms, instruments, musical works, styles, and terms from 1450 to the present. Sample questions are:

1. The basso continuo came into use in about which year?
   - (a) 1500  (b) 1600  (c) 1650  (d) 1700
2. Who composed Das Lied von der Erde (The Song of the Earth)?
   - (a) Mahler  (b) Bruckner  (c) Brahms  (d) Schumann
3. Which of the following instruments would not be found in the score of a symphony by Haydn?
   - (a) horn  (b) oboe  (c) timpani  (d) trombone  (e) trumpet

**D. Conditions for Exemption from Diagnostic Examinations**

The requirement to take the Diagnostic Examination in any area is waived only for graduates of the Boyer College of Music and Dance who:

- matriculate and enroll in the term immediately following completion of all undergraduate degree requirements; and
- received grades of ’B-’ or better in every undergraduate course taken in each individual examination area to be waived.

**Professional Development Policy:**

In addition to taking the required subjects for their degrees, all students in the Boyer College of Music and Dance are obligated to serve in a number of capacities in order to enrich their academic and musical expertise. Boyer College of Music and Dance believes that such experiences give impetus to successful professional careers. Among the duties that may be required are conducting laboratory classes; tutoring; teaching private lessons; coaching; participating in the distribution and inventory control of Temple University-owned musical instruments and instructional materials; participating...
in ensembles; accompanying; performing at admissions and open house events; supervising performance classes; and engaging in other academic activities.

**Independent Study Courses:**
Independent study courses provide a special opportunity for graduate students to work in a highly individualized setting with one or more faculty members. All such study must receive the approval of the faculty member providing the instruction, the students' major advisor, and the Associate Dean. Approval will be granted only after the student has presented a detailed description of the intended independent study project. Approval of independent study projects will be granted only for students whose academic and musical record provides substantial support for the benefits of this type of study. In no case may more than 20% of a graduate student's curriculum be taken as independent study. Private lessons beyond those required in the curriculum are not an appropriate form of independent study.

**Acceptable English:**
All students, including those for whom English is not the native language, are expected to present all written work in acceptable English. No double standard exists to differentiate students on the basis of proficiency in the use of the English language. Students are also responsible for becoming familiar with the College's statement on plagiarism and academic honesty.

**Applied Study:**
1. Graduate students in non-performing curricula may take up to 6 credits of applied study toward the degree with the permission of the major advisor, department chair, and the chair of vocal or instrumental studies. Such non-required lessons may be taken only if the student can pass the normal graduate-level performing audition expected of performance majors. In this event, a fee of $200, not covered by tuition remission, is charged.
2. Regardless of major, graduate students with a demonstrable performing proficiency that may not meet the more rigorous requirements of a graduate-level audition may, by audition, qualify to take 2 credits of applied study per term for graduate credit. These courses carry a fee of $400 plus tuition and may be applied to the non-performing curriculum for degree credit. Up to 6 credits may be taken with the approval of the major advisor.
3. Graduate assistantships and other forms of University-sponsored financial aid do not cover private lesson or Recital Extension fees.

**Incompletes:**
All incomplete grades and keyboard proficiencies must be fulfilled by the first day of the month in which the student expects to graduate.

**Culminating Events:**
**Comprehensive Oral Examination:**
Students in the Music Education M.M. program must take a comprehensive oral examination as part of the capstone course. The choice of capstone course must be declared no later than the second term of study following discussion with the academic advisor:

- MUED 9995 Master's Final Project: The comprehensive oral examination is part of the oral defense of the final project. It is scheduled individually during finals week. The student is asked to apply coursework materials to concepts covered in the final written project. The Defense Examining Committee presides and evaluates.
- MUED 9996 Master's Thesis Music Education: The comprehensive oral examination is part of the oral defense of the thesis. The student is asked to apply coursework materials to concepts covered therein. The Defense Examining Committee presides and evaluates.

**Contacts**

**Program Web Address:**
https://www.temple.edu/academics/degree-programs/music-education-mm-bc-mued-mmus

**Department Information:**
Dept. of Music Education and Therapy
Center for the Performing and Cinematic Arts/Boyer College of Music and Dance
2001 N. 13th Street
Philadelphia, PA 19122-6079
radclif@temple.edu
215-204-8310

**Submission Address for Application Materials:**
https://apply.temple.edu/Boyer/

**Department Contacts:**
Admissions:
James Short
jshort@temple.edu
Music Education, M.M.

215-204-8598

Program Coordinator:
Dr. Rollo Dilworth
radclef@temple.edu
215-204-8317

Chairperson:
Dr. Rollo Dilworth
radclef@temple.edu
215-204-8317

Courses

MUED 5551. Percussion. 1 Credit Hour.
Advanced methods for teaching percussion skills to students in a school setting. Topics may include but are not limited to: literature selection, various instrument performance idiosyncrasies, hand position and posture, maintenance, repair, proactive teaching and troubleshooting, methods and materials; instrument makes, accessories. Students are required to develop playing knowledge of instruments and literature.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 5552. Woodwinds I. 1 Credit Hour.
Methods for teaching woodwind skills to students in a school setting. Topics may include but are not limited to: literature selection, instrument assembly, hand position and posture, maintenance, assembling, embouchure, tone production, transposition, fingerings, range; proactive teaching and troubleshooting, methods and materials; instrument makes, and accessories. Students are required to develop a fundamental playing knowledge of instruments. NOTE: Required for all MPC majors.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may not be repeated for additional credits.

MUED 5553. Upper Strings. 1 Credit Hour.
Methods for teaching string skills to students in a school setting. Topics may include but are not limited to: literature selection, fingering and bowing patterns, shifting, vibrato, hand position and posture, maintenance, tone production, proactive teaching and troubleshooting, methods and materials; instrument makes, and accessories. Students are required to develop a fundamental playing knowledge of instruments.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may not be repeated for additional credits.

MUED 5554. Lower Strings. 1 Credit Hour.
Methods for teaching string skills to students in a school setting. Topics may include but are not limited to: literature selection, fingering and bowing patterns, shifting, vibrato, hand position and posture, maintenance, tone production, proactive teaching and troubleshooting, methods and materials; instrument makes, accessories. Students are required to develop a fundamental playing knowledge of instruments.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may not be repeated for additional credits.
MUED 5555. Brass I. 1 Credit Hour.
Methods for teaching brass skills to students in a school setting. Topics may include but are not limited to: literature selection, instrument assembly, hand position and posture, maintenance, embouchure, tone production, transposition, fingerings, range; proactive teaching and troubleshooting, methods and materials; instrument makes, accessories. Students are required to develop a fundamental playing knowledge of instruments.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may not be repeated for additional credits.

MUED 5556. Brass II. 1 Credit Hour.
Advanced methods for teaching brass skills to students in a school setting. Topics may include but are not limited to: literature selection, instrument assembly, hand position and posture, maintenance, embouchure, tone production, transposition, fingerings, range; proactive teaching and troubleshooting, methods and materials; instrument makes, accessories, and repairs. Students are required to develop a fundamental playing knowledge of instruments.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may not be repeated for additional credits.

MUED 5557. Woodwinds II. 1 Credit Hour.
Methods for teaching double reed skills to students in a school setting. Topics may include but are not limited to: literature selection, instrument assembly, hand position and posture, maintenance, embouchure, tone production, transposition, fingerings, range; proactive teaching and troubleshooting, methods and materials; instrument makes, and accessories. Students are required to develop a fundamental playing knowledge of instruments.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may not be repeated for additional credits.

MUED 5558. Guitar I. 1 Credit Hour.
Carefully sequenced developmental technical exercises designed to achieve competency with basic chord formations in all keys.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 5559. Guitar II. 1 Credit Hour.
A continuation of Music Education 5558 in which skills are further developed to include positions and more advanced folk and popular accompaniment techniques.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:
MUED 5558|Minimum Grade of C-|May not be taken concurrently.
MUED 5649. Of Sound Mind and Body: Musical and Nonmusical Strategies for Optimal Resiliency and Wellness. 1 Credit Hour.
This course will explore how the expressive arts, and especially music, can enhance the process of becoming aware of, making choices toward, and engaging in practices that result in a resilient, healthy and fulfilling life.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

MUED 5650. Contemporary Problems in Music Education: Individual Study. 1 to 3 Credit Hour.
Study of recent trends and issues in Music Education through critical examination of research and practical application of selected techniques.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

MUED 5651. Performance Anxiety. 1 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 5652. Night Owls Campus/Community Band. 0 or 1 Credit Hours.
The Night Owls Campus/Community Band is a large concert wind band that is comprised of Temple University students (majors and non-majors) and community members from the Greater Philadelphia area. No audition is required for membership. The ensemble meets one evening per week, totaling two hours of rehearsal, and performs a concert at the end of each semester. Repertory performed includes standard wind literature and crowd-pleasing favorites. Members may elect to participate for Temple University academic credit or pay a nominal fee to join as a community member (course credit is not transcripted in the latter choice). NOTE: Ability to read music is required; personally owned instrument or rental needed.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

MUED 5653. Effective Arts Education Environments: Managing the Classroom. 3 Credit Hours.
This course focuses on effective and efficient methods for engaging and teaching students of all ages in a variety of arts education environments (including but not limited to music, art, theater, and dance). Calling upon content knowledge and skills in arts education fields, students will be introduced to established and innovative teaching techniques that favor the advancement of student learner through shaping of the learning environment. Emphases will include current trends and research-based practices, diversity among learners, implementation of novel and efficient techniques, observation and analysis.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

MUED 5661. Teaching Students with Special Needs. 3 Credit Hours.
For MPC graduate music education majors. Advanced exploration and analysis of the characteristics of exceptional children and the implications of these characteristics for music education. A variety of music materials especially designed or adaptable for teaching music to handicapped children discussed in terms of their practical use for classroom instruction.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may not be repeated for additional credits.

MUED 5665. Music Learning and Development. 3 Credit Hours.
For MPC graduate music education majors. Advanced exploration and analysis of how learners develop and how individual learners’ needs affect music learning to inform teachers how to teach. Preservice music teachers study music development from the learners’ perspective and begin to process ways in which music learning theories, approaches, processes, and methods can guide learners’ development. NOTE: Includes field observations.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may not be repeated for additional credits.
MUED 5667. Teaching Instrumental Music to Inclusive Populations (TIMIP). 3 Credit Hours.
For MPC graduate music education majors. For the prospective teacher of instrumental music in the elementary and secondary schools, this advanced synthesis of all previous work in instrumental music courses will emphasize: efficient rehearsal and teaching techniques for small and large group settings; developing musical and technical skills of instrumental music students; recruiting; repertoire; programming; performance issues; evaluation; administration.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may not be repeated for additional credits.

MUED 5668. Student Teaching Seminar. 3 Credit Hours.
Seminar for MPC graduate music education majors enrolled in Music Education 5689 and/or Music Education 5789. NOTE: Special authorization only.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may not be repeated for additional credits.

MUED 5669. Teaching Choral Music to Inclusive Populations (TCMIP). 3 Credit Hours.
For MPC graduate music education majors. Advanced exploration and analysis for the prospective teacher of vocal music; solutions for problems of audition procedures, development of musical skills within the choral rehearsal, repertoire and programming, voice classes, performance planning and execution, the changing voice, and needs of special learners.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may not be repeated for additional credits.

MUED 5673. Jazz Education - Instrumental. 2 Credit Hours.
For MPC graduate music education majors. Advanced survey and analysis of strategies for the development of the instrumental jazz ensemble in secondary school settings. Topics will include (but not be limited to): instrumentation, rehearsal techniques, literature, listening, improvisation, styles, rhythm, articulation, rhythm section, and programming. NOTE: Special authorization only.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may not be repeated for additional credits.

MUED 5674. Jazz Education - Vocal. 2 Credit Hours.
For MPC graduate music education majors. Advanced survey and analysis of the strategies for the development of the vocal jazz ensemble in secondary school settings. Topics will include (but not be limited to): Swing and show choirs, balancing voices, rehearsal techniques, literature, listening, improvisation, styles, rhythm, articulation, rhythm section, and programming. NOTE: Special authorization only.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may not be repeated for additional credits.

MUED 5676. Audiation and Music Learning. 3 Credit Hours.
The course covers music learning theory, music aptitude and achievement, sequential acquisition of tonal and rhythm skill and content, tonal and rhythm solfeggio, learning sequence activities, whole-part-whole organization of curriculum and teaching, and satisfies music learning theory requirements for completion of Professional Development Level 1 by the Gordon Institute for Music Learning.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.
MUED 5677. Music Learning Theory in Context: Early Childhood, Instrumental, and General Music Applications. 3 Credit Hours.
The course covers contextual and practical application techniques for music learning theory in early childhood, instrumental and general music settings. Students will learn about informal guidance and formal instruction in music, develop musicianship and composition and improvisation skills in a variety of tonalities and meters, learn to use movement in music instructional settings, learn and teach an MLT based rote song teaching and evaluation procedure, teach learning sequence activities relevant to specific genres, peer-teach, and develop classroom activities based on MLT and audiation.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

MUED 5689. Student Teaching - Elementary. 3 Credit Hours.
Field experience in elementary grades for MPC graduate music education majors. NOTE: Special authorization only.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may be repeated for additional credit.

MUED 5696. Teaching General Music to Inclusive Populations (TGMIP). 3 Credit Hours.
For MPC graduate music education majors. Advanced exploration and analysis of the principles, practices, and materials central to the general music program in elementary and secondary education. NOTE: Special authorization only. Includes Field Experience.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may not be repeated for additional credits.

MUED 5789. Student Teaching - Secondary. 3 Credit Hours.
Field experience in secondary grades for MPC graduate music education majors.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Clearance for Education.

Repeatability: This course may be repeated for additional credit.

MUED 8325. Apprenticeship in Music Therapy Education and Supervision II. 1 Credit Hour.
Faculty provide doctoral students with close supervision as they assist in the teaching and supervision of Music Therapy students.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8425. Apprenticeship in Music Therapy Education and Supervision III. 1 Credit Hour.
Faculty provide doctoral students with close supervision as they assist in the teaching and supervision of Music Therapy students.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.
MUED 8525. Apprenticeship in Music Therapy Education and Supervision IV. 1 Credit Hour.
Faculty provide doctoral students with close supervision as they assist in the teaching and supervision of Music Therapy students.

**Field of Study Restrictions:** Must be enrolled in one of the following Majors: Music Therapy.
**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.
**College Restrictions:** Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

**Repeatability:** This course may not be repeated for additional credits.

MUED 8566. Qualitative Res: Mus Ed. 3 Credit Hours.
**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.
**College Restrictions:** Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

**Repeatability:** This course may not be repeated for additional credits.

MUED 8601. Qualitative Research in Music Therapy. 1 to 9 Credit Hour.
Students learn to conceive, design, and write a qualitative research study in Music Therapy.

**Field of Study Restrictions:** Must be enrolled in one of the following Majors: Music Therapy.
**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.
**College Restrictions:** Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

**Repeatability:** This course may be repeated for additional credit.

MUED 8602. Quantitative Research in Music Therapy. 1 to 9 Credit Hour.
Students learn to conceive, design, and write a quantitative research study in Music Therapy.

**Field of Study Restrictions:** Must be enrolled in one of the following Majors: Music Therapy.
**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.
**College Restrictions:** Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

**Repeatability:** This course may be repeated for additional credit.

MUED 8603. Theories of Music Psychotherapy. 1 to 9 Credit Hour.
An examination of how Music Psychotherapy is practiced within various theoretical orientations.

**Field of Study Restrictions:** Must be enrolled in one of the following Majors: Music Therapy.
**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.
**College Restrictions:** Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

**Repeatability:** This course may be repeated for additional credit.

MUED 8611. Music Therapy Research. 3 Credit Hours.
An introduction to quantitative and qualitative research in Music Therapy, with emphasis on developing skills in reading and evaluating studies.

**Field of Study Restrictions:** Must be enrolled in one of the following Majors: Music Therapy.
**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.
**College Restrictions:** Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

**Repeatability:** This course may not be repeated for additional credits.

MUED 8612. Music Therapy Foundation. 3 Credit Hours.
An examination of musicological, philosophical, psychological, biological, and sociological foundations for Music Therapy.

**Field of Study Restrictions:** Must be enrolled in one of the following Majors: Music Therapy.
**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.
**College Restrictions:** Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

**Repeatability:** This course may not be repeated for additional credits.

MUED 8613. Songs in Psychotherapy. 2 Credit Hours.
**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.
**College Restrictions:** Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

**Repeatability:** This course may not be repeated for additional credits.
MUED 8614. Guided Imagery and Music I. 3 Credit Hours.
An introduction to GIM through demonstrations, lectures, and personal experiences. Topics include the role of music, relaxation procedures, types of imagery, and basic guiding techniques.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8615. Adv Mus Thry Clin Trng. 1 to 3 Credit Hour.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 8616. MT Foundations. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8617. Multicultural Music Therapy. 2 to 3 Credit Hours.
An examination of the specific needs of multicultural clients, with training in specialized Music Therapy approaches and methods. Emphasis is given to the acquisition of skills in ethnic musical forms and multicultural empathy.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 8618. Music in Medicine. 1 to 9 Credit Hour.
An examination of research and clinical practice concerning the mind-body-social-spirit relationships and the acquisition of knowledge and skill in Music Therapy approaches to promote biopsychosocial health.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 8619. Music Therapy Education and Training. 1 to 2 Credit Hour.
An introduction to accreditation and approval, curriculum planning, syllabus design, teaching, academic supervision, and the challenges presented in each of these areas of Music Therapy.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 8621. Music Therapy Ethics. 2 Credit Hours.
An examination of ethical issues in Music Therapy practice, research, education, and supervision.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8622. Res Mus Psychotherapy. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.
MUED 8623. Research in Music Psychotherapy. 3 Credit Hours.
For doctoral students only. A critical examination of foundational, process-oriented, and efficacy research on the use of music in psychotherapy.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8624. Research in Music Medicine. 3 Credit Hours.
For doctoral students only. A critical examination of foundational and efficacy research on the use of music in medicine.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8625. Apprenticeship in Music Therapy Education and Supervision. 1 Credit Hour.
Faculty provide doctoral students with close supervision as they assist in the teaching and supervision of Music Therapy students.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 8626. Models of Clinical Supervision in Music Therapy. 2 Credit Hours.
An in-depth examination of various models of Music Therapy supervision appropriate for pre-professional and professional clinical work, including psychodynamic, humanistic, and behavioral models. Emphasis is given to the use of Music and Music Therapy techniques as forms of supervision.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8627. Apprentice MT Ed/Slp II. 1 to 3 Credit Hour.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 8650. Special Topics in Music Education. 3 Credit Hours.
This course offers students a granular look at a number of specialized topics in music education. Its content varies. Areas of study can include, but are not limited to: administration, arts education, early childhood, inclusion and diversity, performance development, current trends, implementing and applying research, creativity, and music industry.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College, Education.

Repeatability: This course may be repeated for additional credit.

MUED 8651. Psych Music Lrn & Behav. 3 Credit Hours.
Simple acoustic principles and the physiology of hearing lay groundwork for investigation into issues of perception, measurement, and performance of rhythm, melody, and harmony. Aural acquisition of musical information and understanding notation follow. Human propensities in preference, affect, and aesthetics are covered, as well as extra-musical objectives as an outcome of musical training.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.
MUED 8652. Measurement and Evaluation in Music. 3 Credit Hours.
Measurement and evaluation appropriate to music study are reviewed. A primary focus is the development of appropriate and effective measurement tools for use in music instructional programs. The value, delivery, use, and interpretation of tests of musical behavior are examined. Technical aspects of measurement are given necessary pragmatic consideration.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8653. Learning Theory in Music. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8654. Adv Methods Instrum MUED. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8655. Quantitative Res: Mus Ed. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8656. Academic Writing Skills. 3 Credit Hours.
The focus is on honing writing skills toward the development of skills necessary for successful completion of a thesis, monograph, or dissertation. Topics include common writing flaws, identifying systematic flaws in the student's writing, improvement of sentence and paragraph composition, development of appreciation for revision, and practice in oral presentation.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8657. Create/Devel a Rock Band. 2 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

MUED 8658. Res 21st C Prac Gen Mus. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8659. Select/Rehearse Band Lit. 2 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

MUED 8660. Music Education in a New Key. 2 to 3 Credit Hours.
As the world evolves, music educators look to improve ways in which the musical needs of students and the community are met. This course targets innovation and tradition. Students will explore contemporary thought and practice in the field as well as revisit effective and established traditions, towards the strengthening of personal and professional goals. Topics may include but are not limited to: Collaboration, Creation, Performance, Musical Responses, Community Connections, Curiosities and Inquiry, Social Interactions.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.
MUED 8661. Research in Music Education. 3 Credit Hours.
Study of research design, quantitative and qualitative analysis, and modern investigative techniques in Music and Music Education. Required of all candidates for the Master of Music degree majoring in Music Education. Strongly recommended for Ph.D. candidates in Music Education.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8662. Informal Music Learning. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8663. Interactive Multimedia I. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8664. Interactive Multimedia II. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8665. Jazz Instrumental Education. 3 Credit Hours.
Focus will be upon jazz instrumental education in jazz ensemble rehearsals and jazz composition/arranging courses. Emphasis on forming jazz combos and small jazz ensembles; devising efficient rehearsals for various instrument groupings; composing and arranging selections to meet the needs of jazz ensemble instrumentation; and experiencing and evaluating methods of learning in jazz.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 8666. Qualitative Res: Mus Ed. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8667. Music and the Mind: Understanding Music Perception and Cognition. 3 Credit Hours.
The burgeoning field of neuroscience provides the opportunity for greater understanding of human perception and cognition in many areas of learning. This course focuses on the intersection of the brain and music as revealed through current research. Topics may include (but are not limited to): emotion, memory, cognition, language, music skills development, aesthetics, and well-being.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
Repeatability: This course may not be repeated for additional credits.

MUED 8668. History and Philosophy of Music Education. 3 Credit Hours.
The purpose of this course is to synthesize diverse viewpoints regarding the history and philosophy of American music education. Students will analyze philosophical writings that have guided the decision-making of individuals and groups regarding why, what, and how music is taught in the public schools. Students will also gain facility with historical movements and educational policies as a contextual lens toward participating in future music education practices with regard to curriculum, instruction, and assessment.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.
MUED 8670. Special Topics: Instrumental Music Education. 1 to 3 Credit Hour.
For the creative and innovative graduate music education student. A synthesis of previous work in instrumental and vocal music courses, composition/arranging courses, and chamber rehearsals. Emphasis on forming combos and small ensembles of contemporary musical styles; devising an efficient rehearsal for various instrument groupings; developing minor instrument performance skills; composing and arranging selections to meet the needs of ensemble instrumentation; and experiencing and evaluating methods of informal learning in music.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 8671. Sociology of Music Education. 3 Credit Hours.
The purpose of this course is to critically examine the interrelationship of music and society in the United States and prominent interpersonal and intergroup dynamics in music education contexts. Students will explore uses of music in school and community, music professions, and current research on the sociology of music. The goal is for students to engage with local and global social issues related to music teaching and learning.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

MUED 8672. Supervised Univ Music Tch. 1 Credit Hour.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 8673. Music Tch in Higher Educ. 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8674. Sem Grad Music Education. 1 to 3 Credit Hour.
Advanced exploration of topics related to the field of music education, including but not limited to: teaching, learning, research, and creativity.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 8675. Choral Pedagogy Seminar. 2 to 3 Credit Hours.
Choral music education and choral conducting majors will increase their understanding of current research and pedagogical systems that are directly related to teaching choral music to inclusive populations in a variety of settings. Students will be challenged to study various philosophical, pedagogical, and programmatic concepts as a basis for becoming a proficient rehearsal technician and choral scholar. Content varies from semester to semester.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 8676. Seminar in Secondary School Music Teaching. 3 Credit Hours.
Advanced study of educational practice specific to the secondary level (6-12). Seminar subject areas may include current trends in secondary education literature, formal and informal music learning, traditional and alternative ensembles, administration and leadership, classroom management, repertoire, rehearsal technique, and others.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.
MUED 8677. Seminar in Elementary School Music Teaching. 3 Credit Hours.
Advanced study of educational practice specific to the elementary level (P-5). Seminar subject areas may include current trends in elementary education literature, formal and informal music learning, ensembles, musical development, diversity, classroom management, repertoire, rehearsal technique, and others.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

MUED 8680. Contemporary Problems in Music Education: Individual Study. 1 to 3 Credit Hour.
Study of recent trends and issues in Music Education through critical examination of research and practical application of selected techniques.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 8690. Contemporary Problems in Music Education: Individual Study. 1 to 3 Credit Hour.
Study of recent trends and issues in Music Education through critical examination of research and practical application of selected techniques.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 8691. Research Seminar in Music Education. 3 Credit Hours.
Planning and execution of pre-dissertation research projects are discussed. Participants work independently and in small groups to acquire skills necessary for completion of the dissertation.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8725. Apprenticeship in Music Therapy Education and Supervision V. 1 Credit Hour.
Faculty provide doctoral students with close supervision as they assist in the teaching and supervision of Music Therapy students.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 8825. Apprenticeship in Music Therapy Education and Supervision VI. 1 Credit Hour.
Faculty provide doctoral students with close supervision as they assist in the teaching and supervision of Music Therapy students.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 9601. Basic Sk: Comm/Dig Media. 2 to 3 Credit Hours.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.
MUED 9611. Theory Development in Music Therapy. 3 Credit Hours.
For doctoral students only. An examination of the nature of theory and the theorizing process in music therapy, based on a comparison of existing theories. Emphasis is given to developing a theory based on practice and/or research.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may not be repeated for additional credits.

MUED 9641. Music Therapy Doctoral Seminar. 1 to 3 Credit Hour.
For doctoral students only. Seminar on examining current issues in Music Therapy theory, practice, research, education, training, and supervision.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 9642. Music Therapy Research Apprenticeship. 1 to 3 Credit Hour.
Graduate students conduct Music Therapy research under faculty supervision.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 9643. Music Therapy Research Apprenticeship. 1 to 3 Credit Hour.
Graduate students conduct Music Therapy research under faculty supervision.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 9660. Advanced Topics in Music Psychotherapy. 1 to 4 Credit Hour.
An in-depth examination of practice, research, and/or theory in areas of specialization in Music Psychotherapy.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 9670. Advanced Topics in Music Medicine. 1 to 4 Credit Hour.
An in-depth examination of practice, research, and/or theory in areas of specialization in Music Medicine.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 9680. Music Therapy: Special Topics. 1 to 9 Credit Hour.
An in-depth examination of a particular topic in Music Therapy practice, research, or theory.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.
MUED 9687. Advanced Music Therapy Practicum. 1 to 3 Credit Hour.
Individual and group supervision of initial professional clinical work in Music Therapy.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 9690. Music Therapy: Special Topics. 1 to 3 Credit Hour.
An exploration of interdisciplinary topics in art, dance, music, drama and poetry therapies.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 9994. Preliminary Examination Preparation. 1 to 6 Credit Hour.
For doctoral students in Music Education readying themselves to take the Preliminary Examinations.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 9995. Master’s Final Project. 1 to 3 Credit Hour.
For master’s degree candidates in Music Therapy and Music Education only. Students complete the master's degree final project under faculty supervision.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Therapy, Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 9996. Master’s Thesis Music Education. 1 to 3 Credit Hour.
For master’s degree candidates in Music Education only. Students complete the master's thesis under faculty supervision.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 9998. Pre-Dissertation Research. 1 to 6 Credit Hour.
For doctoral students in Music Education who have passed the Preliminary Examinations and who do not yet have an approved dissertation proposal.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.

Repeatability: This course may be repeated for additional credit.

MUED 9999. Doctoral Dissertation. 1 to 6 Credit Hour.
Registration is limited to Ph.D. candidates in Music Education. Continuous registration in the Fall and Spring semesters is required until the oral defense has been passed.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Music Education.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.
College Restrictions: Must be enrolled in one of the following Colleges: Music & Dance, Boyer College.
Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Dissertation Writing Student.

Repeatability: This course may be repeated for additional credit.