Music Therapy, Ph.D.

Center for the Performing and Cinematic Arts / BOYER COLLEGE OF MUSIC AND DANCE (http://www.temple.edu/boyer)

About the Program

The Ph.D. program at Temple University is a true Ph.D. in Music Therapy. Rather than having music therapy as a minor or elective track within another field, or as merely the main topic for the dissertation, the program has Music Therapy as the major area of study with its own core curriculum of advanced Music Therapy courses, supported by studies in research, music, and related health disciplines. The goal is to prepare skilled and experienced clinicians to become competent scholars who will make significant contributions to research and theory in the field. It prepares individuals to conduct research and develop theory, with opportunities to study both quantitative and qualitative research paradigms. It also allows for the development of expertise and skill in college-teaching and clinical supervision. The program has undergone extensive review and has been granted plan approval by the National Association of Schools of Music (NASM). It is the first of its kind in the United States.

Time Limit for Degree Completion: 7 years

Campus Location: Main, Center City

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

Ranking: Boyer College of Music and Dance has been ranked among the top 30 music schools in the country by *U.S. News & World Report*. The program in Music Therapy is led by four world-renowned music therapists, and the Ph.D. program is the first true Ph.D. degree in Music Therapy in the country.

Accreditation: The program is accredited by the National Association of Schools of Music (NASM).

Areas of Specialization: The Ph.D. program in Music Therapy offers the opportunity for further development of clinical expertise in two advanced areas of practice: Music Medicine and Music Psychotherapy. The program allows for the acquisition of expertise in an area of specialization within the two areas of practice (e.g., a particular client population, methodology, or research paradigm).

Job Prospects: Graduates typically find employment as professors in colleges and universities, and as practitioners, supervisors, or researchers in a variety of health care settings.

Licensure: Students may opt to take additional coursework that may meet licensure requirements in one or more states.

Non-Matriculated Student Policy: The core doctoral courses are not open to non-matriculated students.

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*

Applications are processed as they arrive up to the deadline date.

Apply online to this graduate program.

Letters of Reference:

*Number Required: 2*

*From Whom: Letters of recommendation should be obtained from academic advisors, professors, or professional supervisors who can provide insight into the applicant's abilities, talents, and aptitude for graduate study.*

Coursework Required for Admission Consideration: Applicants who have not completed the following courses before matriculation must complete them while a doctoral student:
Music Therapy, Ph.D.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>MUED 8601</td>
<td>Qualitative Research in Music Therapy</td>
<td>3</td>
</tr>
<tr>
<td>MUED 8602</td>
<td>Quantitative Research in Music Therapy</td>
<td>3</td>
</tr>
<tr>
<td>MUED 8603</td>
<td>Theories of Music Psychotherapy</td>
<td>2</td>
</tr>
<tr>
<td>MUED 8618</td>
<td>Music in Medicine</td>
<td>2</td>
</tr>
<tr>
<td>MUED 8619</td>
<td>Music Therapy Education and Training</td>
<td>2</td>
</tr>
<tr>
<td>MUED 8621</td>
<td>Music Therapy Ethics</td>
<td>2</td>
</tr>
<tr>
<td>MUED 9995</td>
<td>Master's Final Project</td>
<td>1-3</td>
</tr>
</tbody>
</table>

Master’s Degree in Related Discipline: A master’s degree in Music, Music Education, Music Therapy, Creative Arts Therapy, Health Studies, or Psychology is required.

Bachelor’s Degree in Discipline/Related Discipline: A baccalaureate degree in any music-related field is required.

Statement of Goals: Include your professional goals, which must be clearly articulated, feasible, relevant to the needs of the profession, and appropriate to the program at Temple.

Standardized Test Scores:
TOEFL: 100 iBT or 600 PBT minimum

Prescreening Video and Audition: Applicants submit a prescreening video via Acceptd (https://app.getacceptd.com/templeboyer). This recording may contain representative movements of the audition material, with the majority of the material having been recorded within the last 12 months. Video recordings of accompanied works must have piano or orchestral accompaniment.

If preliminary approval is granted, an in-person live audition is arranged. Audition repertoire requirements include:

- Two major works in a major performance medium.
- Two standard or popular songs sung with own piano accompaniment.
- Two standard or popular songs sung with own guitar accompaniment.
- Sight-sing and sight-harmonize tunes from a fake book, using both piano and guitar for accompaniment, and sight-read simple piano pieces.

Note that video recordings alone are not acceptable for admission, except in the case of students living outside the United States. In this case, applicants must submit a video recording of complete works.

Writing Sample: A clinical, theoretical, or research paper in Music Therapy must be uploaded to Acceptd (https://app.getacceptd.com/templeboyer).

Interview: After all application materials have been received, an interview is scheduled with the applicant by the Program Coordinator. (Please allow at least three weeks after submission.) The interview may occur at the time of the in-person audition or may be scheduled after the applicant submits a recorded audition.

Resume: Current resume required.

Writing Examination: An on-site Writing Examination is required as part of the doctoral admissions process. Remedial coursework may be required.

Test Waiver: A completed M.M.T. degree from Temple may warrant a waiver.

Advanced Standing: Advanced standing is awarded upon admission, after review of transcripts by the Doctoral Coordinator. Students may transfer into the doctoral program up to 12 additional graduate credits in coursework taken beyond the master’s degree. Typically, this coursework is undertaken after admission and must be approved by the major advisor and the Associate Dean. The maximum number of advanced standing credits awarded is 36.

Additional Requirements: The successful applicant must:

1. Hold professional certification in Music Therapy.
2. Have at least five years of full-time clinical experience as a professional music therapist (or its equivalent).
3. Have earned a master’s degree in Music Therapy or related area or satisfactorily completed 18 graduate credits in Music.

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.

Program Requirements

General Program Requirements:
Number of Credits Required Beyond the Master's: 44

Required Courses:

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MUED 8622</td>
<td>Res Mus Psychotherapy</td>
<td>3</td>
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<tr>
<td>MUED 8624</td>
<td>Research in Music Medicine</td>
<td>3</td>
</tr>
<tr>
<td>MUED 9611</td>
<td>Theory Development in Music Therapy</td>
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<tr>
<td>MUED 9641</td>
<td>Music Therapy Doctoral Seminar</td>
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Electives 1

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Music, Music Therapy, and/or Non-Music Courses</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>Research, including 6 credits in Statistics</td>
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Non-Didactic Courses

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>MUED 9999</td>
<td>Doctoral Dissertation</td>
<td>6</td>
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Total Credit Hours 44

1 Advisor approval required.

Additional Requirements:

All degree credits are to be earned at Temple University.

Grading:
For doctoral degrees, only grades of "B-" and higher may be counted toward degree requirements.

Tuition and Fee Payments:
All tuition and fees must be paid according to the deadlines given by the Bursar's Office at the time of registration. This means that all payments must be received prior to the first day of the term in which the course is offered—not prior to the first day of the course, which in Music Therapy may be very late in the term. When payments are not received by the University deadlines for each term, registrations are automatically canceled, and late fees are imposed for reregistering. Often students do not receive written notification of this until well into the term. Students are encouraged to be punctual in meeting all registration deadlines, as failure to do so is very costly—in time, effort, and money.

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.

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 Music 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. 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 must be fulfilled by the first day of the month in which the student expects to graduate.

Culminating Events:

Preliminary Examination:
The preliminary examination is designed to test the student's knowledge of the literature; research competence in both quantitative and qualitative paradigms; ability to integrate theory, research, and practice; ability to contextualize one's own work within the field; ability to project solutions to disciplinary and professional issues; and ability to synthesize and evaluate one's own learning. It has two components: scholarly projects and the oral defense.

1. Scholarly projects originate from specific assignments given in required doctoral courses and, depending on the project, may be completed with additional faculty supervision through other elective courses (e.g., research apprenticeship). Ultimately, the project must go significantly beyond any course assignment, and it may not duplicate any previous projects completed by the student outside of the degree program. At least three Music Therapy faculty independently grade each preliminary examination project using a 5-point rating scale. A passing average grade for each question is 3.

2. The oral defense covers any of the topics addressed in the written projects. The oral examiners are the same Music Therapy faculty members who scored the scholarly projects. Upon completion of the oral defense, the examining committee determines whether the student passed or failed. If any portion is failed, the committee specifies in writing whether permission is granted to retake various portions of the examination, and the conditions under which such permission is granted. Students are given only one opportunity to retake the examination or portion thereof. Students should contact the Doctoral Coordinator of the Music Therapy Ph.D. program for more details regarding the nature of the examination questions.

Upon completion of 30 credits, the student requests permission from the Doctoral Coordinator to take the examination. Upon consultation with the Music Therapy faculty, the Doctoral Coordinator schedules the exam. The oral part can be scheduled three weeks after the student submits the written part.

Proposal:
The proposal must include the student's background and experience with the research topic; an articulate and comprehensive review of the literature; a clear statement of the research problem and questions to be answered; and a proposed methodology. Upon approval of a Doctoral Advisory Committee, the student works with the major advisor to prepare the proposal. In the process, the student consults other members of the committee. Each member of the Doctoral Advisory Committee must approve and sign the final proposal. Once all members have signed the title page, the student copies the final proposal and delivers within 30 days one copy to each member of the Doctoral Advisory Committee, the department chair, the Associate Dean, and the Graduate School. The dissertation proposal must be approved before the student may register for MUED 9999 Doctoral Dissertation.

Dissertation:
The purpose of the dissertation is to contribute new knowledge or insight to any aspect of Music Therapy. The dissertation is overseen by the Doctoral Advisory Committee, which consists of at least three members, two from the department and one from outside the department. The committee works together to guide the student toward completion of dissertation research, with the chair coordinating these efforts. In addition to the Doctoral Advisory Committee, one or two graduate faculty may serve as examiners for the defense. These examiners are expected to read and evaluate the student's dissertation and, with the Doctoral Advisory Committee, determine whether it is acceptable, needs revision, or is unacceptable. The dissertation must meet the various expectations of quality from each member of the Doctoral Advisory Committee. A major criterion shall be whether the student has demonstrated scholastic excellence in carrying out the research project as proposed.

The Doctoral Advisory Committee determines when the dissertation is ready for defense. Upon obtaining approval to defend, the major advisor asks the Associate Dean to assign outside readers. The advisor makes all the necessary arrangements for scheduling the defense. The "Announcement of Oral Defense" form bearing signatures of all of the Dissertation Examining Committee members must be submitted to the Associate Dean at least one month prior to the requested defense date. Upon receiving approval to defend, the Associate Dean announces the dissertation defense to the academic community.

To make a change in a committee, the student petitions the Doctoral Coordinator of the program or the Associate Dean. Upon appropriate consultation with all parties pertinent to the petition, the Associate Dean makes the final determination. The change also must be communicated to the Graduate School.

Contacts

Department Web Address:
http://www.temple.edu/boyer/academicprograms/music-therapy/

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
Darlene Brooks
215-204-8301

daarlene.brooks@temple.edu

Mailing Address for Application Materials:
Center for the Performing and Cinematic Arts/Boyer College of Music and Dance
129 Presser Hall (012-00)
2001 N. 13th Street
Philadelphia, PA 19122-6079

Department Contacts:
Admissions:
James Short
jshort@temple.edu
215-204-8598

Program Coordinator:
Dr. Darlene M. Brooks
daarlene.brooks@temple.edu
215-204-8301

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 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.

Department Restrictions: Must be enrolled in one of the following Departments: 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 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.

Department Restrictions: Must be enrolled in one of the following Departments: Music:Education.
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 audition.

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.

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 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 Thrpy 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.

Department Restrictions: Must be enrolled in one of the following Departments: Education: College of Ed, Music: Boyer College, Music: Vocal Arts, Music: Keyboard, Music: Instrumental, Music: Education, Music: Studies.
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. Interactiv 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.

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.

Department Restrictions: Must be enrolled in one of the following Departments: 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 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.

Department Restrictions: Must be enrolled in one of the following Departments: 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.

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.

Department Restrictions: Must be enrolled in one of the following Departments: 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.

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.

Department Restrictions: Must be enrolled in one of the following Departments: Music:Education.
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.

Department Restrictions: Must be enrolled in one of the following Departments: 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 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.