Music Therapy, M.M.T.

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

Learn more about the Master of Music Therapy.

About the Program

The M.M.T. degree program in Music Therapy is designed to provide professional music therapists with advanced clinical training, supported by studies in research, theory, and ethics. The curriculum focuses on two areas: Music Medicine and Music Psychotherapy. A broad range of clinical populations, orientations, practices, and research paradigms is presented, and opportunities for self-directed learning are provided through independent study projects. Emphasis is given to integrating professional and personal development through self-experiences in Music Therapy. The program in Music Therapy is led by four world-renowned music therapists.

Time Limit for Degree Completion: 6 years

Campus Location: Main, although students may fulfill some credits at TUCC and through online classes.

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

Accreditation: The degree program is accredited by the National Association of Schools of Music (NASM) and approved by the American Music Therapy Association (AMTA).

Areas of Specialization: The M.M.T. in Music Therapy provides two tracks of advanced study, with a variety of course offerings in each track:

• The Music Medicine Track provides didactic and experiential training in how music and the client-therapist relationship are used to facilitate mind-body communication and health.
• The Music Psychotherapy Track provides didactic and experiential training in how music and the client-therapist relationship are used to promote emotional and interpersonal growth.

Coursework is designed to give students in-depth knowledge of creative, receptive, recreative, and verbal methods of Music Therapy; the ability to utilize and integrate these methods within medical and psychotherapeutic settings and with a broad range of clientele; the ability to apply theory and research to practice; and an understanding of ethical issues in practice and research. In order to relate theory, research, and practice, all courses involve extensive readings along with experiential training in their clinical applications. Additional requirements are a final project and courses on both quantitative and qualitative approaches to research. The experiential components of the program are designed to sensitize students to the effects of their own personality on the client, the music, and the therapy process, while also identifying ethical issues indigenous to music therapy practice. Various theoretical orientations are presented for medical and psychotherapeutic areas of practice.

Job Prospects: Graduates typically find employment in a variety of areas, including community mental health agencies, day care facilities, educational institutions, general and psychiatric hospitals, nursing homes, rehabilitation centers, and in private practice. Graduates may combine clinical work with research in the above areas of practice. The program also provides preparation for doctoral study in Music Therapy and related disciplines.

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

Non-Matriculated Student Policy: Professionals who wish to enroll in specific courses for continuing education may take courses with departmental approval. The Graduate School permits up to 9 credits of graduate coursework taken at Temple University as a non-matriculated student to be applied to a graduate degree.

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. 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.
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.

Coursework Required for Admission Consideration: Three admission options are open to those seeking the M.M.T. degree:

1. Master of Music Therapy, which is the option available to an applicant who has completed a bachelor's degree in Music Therapy and is certified to practice Music Therapy. Applicants for the M.M.T. degree are expected to demonstrate the musicianship, self-awareness, and interpersonal skills needed for in-depth clinical work.

2. Music Therapy/Combined Master's Equivalency Program, which is the option available to an applicant who has a bachelor's degree in Music, but is not certified in Music Therapy and must complete Music Therapy core courses. This program integrates core courses in Music Therapy required for entry-level certification with the master's program.

3. Bachelor of Music in Music Therapy, which is the option available to an applicant who holds an undergraduate degree outside of Music or who does not have at least 60 undergraduate credits in Music or its equivalent. The bachelor’s degree must be earned prior to applying for the M.M.T.

In addition, the Master of Music Therapy – Licensed Professional Counselor (LPC) Program is available to both M.M.T. students and Master’s Equivalency students who want to complete the additional coursework needed to satisfy the Pennsylvania requirements for licensure.

Bachelor’s Degree in Discipline/Related Discipline: A baccalaureate degree in Music Therapy, Music Education, Music History, Music Performance, or Music Theory is required.

Statement of Goals: Include your special interests within the discipline and expectations for the program.

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: 100
- IELTS Academic: 7.0
- PTE Academic: 68

Audition: Applicants must submit a video-recorded audition consisting of two pieces in different styles in the applicant’s major performance medium (with accompanist when needed) and three standard or popular songs sung and played by the applicant on piano and/or guitar from American children, geriatric, adult, or adolescent repertoire. More information on the audition procedure can be found by visiting www.temple.edu/boyer.

Resume: Current resume required.

Transfer Credit: A student who wishes to transfer credit should speak with her/his academic advisor and download and complete 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.

Program Requirements

General Program Requirements:

Number of Credits Required Beyond the Baccalaureate: 36 for the M.M.T.; 63 for the Music Therapy/Combined Master's Equivalency Program; 12 to add the Licensed Professional Counselor option

Required Courses:
## Master of Music Therapy

<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>
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<tr>
<td>MUED 8602</td>
<td>Quantitative Research in Music Therapy</td>
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<tr>
<td>MUED 8603</td>
<td>Theories of Music Psychotherapy</td>
<td>2</td>
</tr>
<tr>
<td>MUED 8615</td>
<td>Adv Mus Thrpy Clin Trng</td>
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<tr>
<td>MUED 8617</td>
<td>Multicultural Music Therapy</td>
<td>2</td>
</tr>
<tr>
<td>MUED 8618</td>
<td>Music in Medicine</td>
<td>2</td>
</tr>
<tr>
<td>MUED 8621</td>
<td>Music Therapy Ethics</td>
<td>2</td>
</tr>
<tr>
<td>MUED 8626</td>
<td>Models of Clinical Supervision in Music Therapy</td>
<td>2</td>
</tr>
<tr>
<td>MUED 9687</td>
<td>Advanced Music Therapy Practicum</td>
<td>1</td>
</tr>
</tbody>
</table>

**Electives**

Recommended courses include:
- MUED 8611: Music Therapy Research
- MUED 8612: Music Therapy Foundation
- MUED 9660: Advanced Topics in Music Psychotherapy
- MUED 9670: Advanced Topics in Music Medicine
- MUED 9680: Music Therapy: Special Topics

**Final Project**
- MUED 9995: Master's Final Project

Total Credit Hours: 36

1 Select from Music, Music Education, Music Studies, Music Therapy, and other graduate departments. Advisor approval required.

## Music Therapy/Combined Master's Equivalency Program

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>MUED 3689</td>
<td>Fieldwork in Music Therapy</td>
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<tr>
<td>MUED 3789</td>
<td>Fieldwork in Music Therapy II</td>
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</tr>
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<td>MUED 3889</td>
<td>Fieldwork in Music Therapy III</td>
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<td>MUED 4611</td>
<td>Music Therapy Overview</td>
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<td>MUED 4614</td>
<td>Psychiatric Music Therapy</td>
<td>3</td>
</tr>
<tr>
<td>MUED 4616</td>
<td>Developmental Music Therapy</td>
<td>3</td>
</tr>
<tr>
<td>MUED 4619</td>
<td>Medical/Rehabilitative Music Therapy</td>
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</tr>
<tr>
<td>MUED 4641</td>
<td>Music Therapy Experiences I: Creative Methods</td>
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<tr>
<td>MUED 4642</td>
<td>Music Therapy Experiences II: Recreative Methods</td>
<td>1</td>
</tr>
<tr>
<td>MUED 4643</td>
<td>Music Therapy Experiences III: Receptive Methods</td>
<td>1</td>
</tr>
<tr>
<td>MUED 4685</td>
<td>Music Therapy Clinical Internship</td>
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<tr>
<td>MUED 8601</td>
<td>Qualitative Research in Music Therapy</td>
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**Electives**

Recommended courses include:
**MUED 8611** Music Therapy Research
**MUED 8612** Music Therapy Foundation
**MUED 9660** Advanced Topics in Music Psychotherapy
**MUED 9670** Advanced Topics in Music Medicine
**MUED 9680** Music Therapy: Special Topics

**Final Project**
**MUED 9995** Master's Final Project

Total Credit Hours 63

1 Select from Music, Music Education, Music Studies, Music Therapy, and other graduate departments. Advisor approval required.

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**Master of Music Therapy - Licensed Professional Counselor Program**

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<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tr>
<td>CPSY 5519</td>
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<tr>
<td>CPSY 5593</td>
<td>Career Counseling and Development</td>
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<tr>
<td>CPSY 5694</td>
<td>Introduction to Assessment</td>
<td>3</td>
</tr>
<tr>
<td>EPSY 5541</td>
<td>Concepts in Human Development</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 12

**Additional Requirements:**

*Diagnostic Examination:*
The Diagnostic Examination in Voice, Piano, and Guitar is required for all students entering the master’s degree program in Music Therapy. The examination covers two broad areas of competence:

1. the ability to sing and play a large repertoire of songs from the standard, popular, traditional, folk, rock, or country literature; and
2. the ability to sight-sing and sight-harmonize songs from a fake book.

For the examination, students bring a list of at least 12 songs that they are prepared to sing and play. The examiners then select one or more songs to be sung and played on the piano, and one or more to be sung and played on the guitar. In the next portion of the examination, students are asked to sight-sing and sight-harmonize tunes from a fake book, using piano and guitar as accompaniments.

If a student has not studied voice, piano, and/or guitar, or if the student is not prepared to play popular music or use a fake book, s/he may waive any or all portions of the examination and opt to take the appropriate remedial course(s). This is not unusual. Most students entering the program need instruction or practice in one or more of these areas. Students are therefore encouraged to view this as merely a placement examination. Depending on each student’s background and competence, as demonstrated on the examination, students may be placed in the following remedial courses for 1 credit each:

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<thead>
<tr>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>MUED 1658</td>
<td>Guitar I</td>
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<tr>
<td>MUED 1659</td>
<td>Guitar II</td>
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<td>Functional Voice I</td>
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</tr>
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<td>MUED 3632</td>
<td>Functional Voice II</td>
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<td>MUED 3633</td>
<td>Functional Piano I</td>
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<td>MUED 3634</td>
<td>Functional Piano II</td>
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<td>MUED 3635</td>
<td>Functional Guitar I</td>
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<td>MUED 3636</td>
<td>Functional Guitar II</td>
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<td>MUSC 1211</td>
<td>Voice Class</td>
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<tr>
<td>MUSC 1212</td>
<td>Voice Class</td>
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<tr>
<td>MUST 2105</td>
<td>Jazz Secondary Piano</td>
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</tr>
<tr>
<td>MUST 2106</td>
<td>Jazz Secondary Piano</td>
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<td>MUST 3105</td>
<td>Jazz Class Piano</td>
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</tr>
<tr>
<td>MUST 3106</td>
<td>Jazz Class Piano</td>
<td>1</td>
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</tbody>
</table>

Credits earned in required remedial courses do not apply toward the master’s degree.
NOTE: All students must present themselves for the Diagnostic Examination at the designated time. Students who wish to waive any portion of the examination by taking the remedial courses are still required to present themselves for the scheduled Diagnostic Examination, unless they send written notification to the Music Therapy faculty stating their intent to waive all portions of the exam. When students waive all portions of the exam, they are required to take all remedial coursework without any further opportunity for taking or retaking the examination.

Clinical Experience:
Ongoing clinical experience is required.

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.

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 is granted only after the student has presented a detailed description of the intended independent study project. Approval of independent study projects is 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 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 within one year.

Culminating Events:
Comprehensive Examination:
Upon completion of the final projects and with permission of the Program Coordinator, the student may request permission to take the written qualifying examination. Students should contact the Program Coordinator regarding administration dates of the comprehensive examination.

The written qualifying examination in Music Therapy does not limit its scope to the coursework taken at Boyer College of Music and Dance. Instead, the student is expected to study comprehensively in preparation for this examination. The written qualifying examination in Music Therapy covers:

1. Basic methods and techniques of Music Therapy.
3. Various client populations.
4. Various theoretical approaches to individual and group therapy.
5. Existing research literature and research approaches.
6. Professional ethics.

**Final Project:**
As part of the Music Therapy curriculum, students undertake a final project that encompasses a pilot research study.

**Contacts**

**Program Web Address:**
https://www.temple.edu/academics/degree-programs/music-therapy-mmt-bc-mthe-mmt

**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@temple.edu  
215-204-8301

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

**Department Contacts:**

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

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

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

**Counseling Psychology Courses**

**CPSY 5492. Theories of Counseling Psychology. 3 Credit Hours.**
This course explores the function and essential elements of counseling theories and examines the student’s philosophical beliefs as they apply to counseling.

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

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

**CPSY 5511. Counseling in the Schools. 3 Credit Hours.**
First course for those concentrating in school counseling. The nature, techniques, and problems of school counseling are explored.

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

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

**CPSY 5519. Group Counseling. 3 Credit Hours.**
An exploration of the functions of group counseling in meeting client/student needs. Emphasis on theory and principles of group process and on the development of group skills by participation in an experiential group counseling situation. Attention to the practice of effective group leadership skills.

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

**Repeatability:** This course may not be repeated for additional credits.
CPSY 5526. Multicultural Counseling. 3 Credit Hours.
Survey course exploring racism, sexism, ageism, and the cultural conditions that affect development of counseling relationships. Small group activities used to help students explore prejudices and attitudes towards culturally different groups.

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

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

CPSY 5564. Addiction, Counseling, and Biological Bases of Behavior. 3 Credit Hours.
Students will learn about the biological bases of behavior and their relations to human functioning, including the basic structure and function of the nervous system, normative neurological development and the biological functions implicated in common diagnoses, and the mechanisms by which common psychotropic medications affect the nervous system and behavior. Students will then explore the issues pertaining to the assessment, treatment, and prevention of addictions with the overall purpose of increasing our scientific and clinical expertise in working with individuals in counseling.

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

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

CPSY 5565. Educational Specialists Coordinating Community Resources for Diverse Learners. 3 Credit Hours.
The purpose of this course is to support the development of students’ school counselor identities. This course is designed to build off of previous school counseling coursework and further expand the knowledge and skills needed to address contemporary professional issues in school counseling K-12.

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

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

CPSY 5566. Professional Issues in Mental Health Counseling. 3 Credit Hours.
This core course is designed to introduce graduate students to the field of counseling so that you will be prepared to meet the professional challenges in your practicum and internship placements. As such, this course is similar to a survey course, in that you will be exposed to the breadth of the field; yet it is more, in that we will be covering some topics in more depth. For example, you will be reviewing professional identity issues, PA licensure requirements, needs of special populations, and counseling in special settings.

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

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

CPSY 5571. Introduction to Counseling Psychology. 3 Credit Hours.
For students not majoring in counseling psychology. A lecture-laboratory course focusing on the nature, history, philosophy, techniques, and problems of counseling psychology.

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

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

CPSY 5572. Interviewing Techniques. 3 Credit Hours.
For students not majoring in counseling psychology. The theory and techniques of interviewing especially as they apply to problems of educational, vocational, personal and social counseling, rehabilitation, and employment.

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

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

CPSY 5579. Introduction to Couples and Family Counseling. 3 Credit Hours.
An introductory course on theoretical and therapeutic components of major schools of thought within marital and family therapy using videotapes, training films, guest lecturers, simulations, and observation of family sessions to explore specific therapeutic behaviors that differentiate schools of thought. Focusing on perceptual, conceptual, and clinical skills of family therapists provides a foundation for future training in this area.

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

Repeatability: This course may not be repeated for additional credits.
CPSY 5591. Legal and Ethical Issues in Counseling Psychology. 3 Credit Hours.
To familiarize students and mental health professionals with the history and development of professional ethics and standards and their legal implications in the areas of counseling and psychotherapy. Topics include: privileged communication, confidentiality, rights of the client and agency, civil commitment, and licensure and mental health laws.

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

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

CPSY 5593. Career Counseling and Development. 3 Credit Hours.
Theories, strategies, and techniques of career counseling are described and illustrated. Research and theories in career development and decision-making are explored and related to lives of workers. Instruction is given in the work personality, history, and future of work, and needs of special populations.

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

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

CPSY 5568. Seminar Counseling: Dev Psych. 3 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.

CPSY 5691. Diagnosis in Counseling Psychology. 3 Credit Hours.
Course content focuses on historical perspectives related to psychopathology and diagnoses, diagnostic biases, and understanding the symptoms and treatment of major mental illnesses as they are expressed in a culturally diverse society. Pedagogical techniques include lectures, role-plays, and criterion-related exercises.

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

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

CPSY 5694. Introduction to Assessment. 3 Credit Hours.
Training of students in interpretation and use of various methods of assessment and diagnosis in schools and agencies. Lectures and laboratory procedures are employed to integrate theory and practice.

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

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

CPSY 5698. Fundamental Counseling Techniques. 3 Credit Hours.
The purpose of this course is to develop the basic skills students will need in order to conduct successful client-counselor interactions. We accomplish this through the practice and development of counseling microskills in an experiential format. Students will have an opportunity to begin to develop mastery of these skills through in class role-playing, mock interviews, and videotaped counseling session role-plays.

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

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

CPSY 5699. Crisis Prevention, Intervention, and Consultation. 3 Credit Hours.
The purpose of this course is to provide students with both an understanding of the theoretical concepts of counseling as well as practice in further developing your clinical skills. Using the foundation of Fundamental Counseling Techniques, more advanced areas (such as crisis counseling) will be explored in preparation for practicum and internship placement.

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

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

CPSY 8701. Seminar in Counseling Supervision and Consultation. 3 to 12 Credit Hours.
Focuses on the significance, structure, and techniques of supervision and consultation in the work of counselors. First-hand experience offered through supervising counselors-in-training. For advanced students in counseling.

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

Repeatability: This course may not be repeated for additional credits.
CPSY 8764. Seminar in Counseling and Psycho-pathology. 3 Credit Hours.
The objectives of this course are for doctoral students to develop an understanding of the etiologies, diagnoses, and treatment approaches of
the major psychopathological disorders within a multi-cultural context, become versed in the application and use of the DSM, apply the scientist/
practitioner approach to diagnosis and treatment issues, and develop process skills which will enable students to adapt to future changes in the area of
psychopathology.

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

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

CPSY 8789. Seminar in Race, Culture, and Gender in Psychotherapy. 3 Credit Hours.
The course focuses on the issues raised by diversity in the practice of psychotherapy. Students examine the literature and research related to this
issue as well as their own perspectives and feelings. The attitudes, history, and culture of different groups in our society are reviewed. The objective is
to assist students in integrating their knowledge of different groups and psychology with their self-awareness so they understand the demands of the
transcultural therapist in a society with complex diversity.

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

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

CPSY 8790. Seminar in Counseling. 3 to 12 Credit Hours.
Taught on a rotating basis by the graduate faculty in counseling. Current trends, research, issues, and professional problems.

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

Repeatability: This course may be repeated for additional credit.

CPSY 8791. Seminar in Learning Theory and Behavior Therapy. 3 Credit Hours.
The history, philosophy, and theoretical perspectives of learning theory and behavior therapy are examined. Learning theory as the foundation for
behavior therapy is explored. Techniques of therapy such as cognitive therapy, relaxation training, systematic desensitization, contingency management,
and flooding are reviewed. Additionally, concepts related to behavioral humanism are introduced, particularly as they relate to marriage and family
therapy.

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

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

CPSY 8792. Seminar in Theories and Systems of Psychology and Counseling. 3 Credit Hours.
The course reviews and evaluates the theories and systems of psychology and counseling. Students explore how these theories and systems form the
foundation for the current practices of behavior change and psychotherapy. Evaluative research related to the practices of psychotherapy and behavior
change are examined. Students are expected to clarify their beliefs and theories about the therapeutic change process.

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

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

CPSY 8793. Seminar in Assessment. 3 Credit Hours.
Emphasis on the knowledge, skills and methods in comprehensive psychological assessment in counseling psychology. Practice in diagnostic
interviewing, comprehensive assessment, integration of data, and reporting results. Instruction in assessing different individual dimensions, disorders
and populations.

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

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

CPSY 8794. Seminar in Group Counseling and Group Therapy. 3 Credit Hours.
A didactic-experiential course focusing on selected theories of group counseling and psychotherapy, leadership training, research, and critical issues of
the therapeutic management and/or facilitation of a counseling or therapy group.

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

Repeatability: This course may not be repeated for additional credits.
CPSY 8795. Seminar in Family Psychology. 3 Credit Hours.
Taught from a scientist-practitioner perspective, the course covers the development of family psychology, and as a part of this movement, the conceptual and clinical foundations of family therapy, including integrative approaches.

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

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

CPSY 8796. Seminar in Neuropsychology. 3 Credit Hours.
The course focuses on the theories and research related to neuropsychology. The physiology of the brain and its interconnection with the psychology of the brain are explored. Further, the parameters and methods of neuropsychological assessment and remediation are reviewed.

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

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

CPSY 8797. Seminar in Legal and Ethical Issues in Counseling and Psychotherapy. 3 Credit Hours.
To familiarize students and mental health professionals with the history and development of professional ethics and standards and their legal implications in the areas of counseling and psychotherapy. Topics may include: privileged communication, confidentiality, rights of the client and agency, civil commitment, and licensure and mental health laws.

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

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

CPSY 8799. Community Counseling Clinic. 3 to 12 Credit Hours.
Clinical training with clients presenting vocational, educational, and personal problems.

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

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

CPSY 9085. Advanced Counseling Techniques. 3 Credit Hours.
Provides counseling training experience that improves counseling skills and processes, while developing documentation and report writing skills.

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

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

CPSY 9185. Master's Internship in Counseling Psychology. 3 Credit Hours.
First-hand experience in doing the work of the counselor through placement in one or more appropriate settings.

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

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

CPSY 9285. Master's Internship in Counseling Psychology. 3 Credit Hours.
First-hand experience in doing the work of the counselor through placement in one or more appropriate settings.

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

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

CPSY 9385. Internship in Counseling Psychology. 1 to 6 Credit Hour.
This course is a one-year full-time experience working on the staff of an approved agency where counseling psychologists typically are employed. Placements are tailored to satisfy the professional training needs and interest of students. Emphasis is on advanced skill development.

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

**Repeatability:** This course may be repeated for additional credit.
CPSY 9387. Practicum in Counseling Psychology I & II. 3 to 12 Credit Hours.
This is a two-sequence course that provides students with exposure to the professional environments that they plan to be employed in the future (i.e., agencies or schools). Students will be involved in a variety of supervised activities at their program-approved sites (i.e., individual, couples, group, family counseling; various administrative and professional development activities).

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

Repeatability: This course may be repeated for additional credit.

CPSY 9982. Independent Study in Counseling. 1 to 12 Credit Hour.
Intended to meet the needs of students who desire to carry on an individual investigation. For advanced students only.

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

Repeatability: This course may be repeated for additional credit.

CPSY 9999. Doctoral Dissertation in Counseling Psychology. 1 to 6 Credit Hour.
Registration limited to candidates for the Ph.D. program who have successfully completed the preliminary examination and the minimum hours of course work required for the degree. Continuous registration during the fall and spring semesters is required until the dissertation has been completed and accepted by the Graduate Board.

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: Dissertation Writing Student.

Repeatability: This course may be repeated for additional credit.

Educational Psychology Courses

EPSY 5499. ILT: Instructional Technology and Learning. 3 Credit Hours.
Introduces characteristics and applications of basic instructional and computer technology in the teaching-learning process. Students will gain hands-on experience in the use of computer and adaptive and/or augmentative hardware and software.

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

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

EPSY 5501. ILT: Multimedia Learning. 3 Credit Hours.
Provides conceptual discussion and hands-on exploration of technology applications including graphic, photographic, multimedia, audio, and video materials.

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

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

EPSY 5502. ILT: Desktop Publishing and Web Design. 3 Credit Hours.
Presents elements of effective design characteristics for written and web pages will be discussed. Web page maintenance will also be presented. Students will create documents and web pages using appropriate software applications.

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

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

EPSY 5505. ILT: Authoring Systems. 3 Credit Hours.
Students explore capabilities of various authoring software. Based on instructional design principles, students will develop an interactive learning environment that includes various elements of sound, graphics and motion.

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

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

EPSY 5523. Introduction to Educational Psychology. 3 Credit Hours.
The application of psychological theories to the learning processes and development of children and adolescents including the principles and procedures of assessment and evaluation as they relate to academic achievement and to teaching-learning activities. The primary objective is to facilitate a clear understanding of the complex and dynamic processes of learning and development as they related to the principles of learning and teaching.

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

Repeatability: This course may not be repeated for additional credits.
EPSY 5529. Tests and Measurements. 3 Credit Hours.
An introduction to tests and measurements. Reliability, validity, interpretation of standardized test manuals. Survey of standardized aptitude, achievement, and personality tests. Students learn how to construct valid classroom tests.

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

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

EPSY 5531. Learning Theories and Education. 3 Credit Hours.
This survey course covers the nature of theory, the epistemological foundations of learning, and major theories of learning. Focusing on application in educational settings, the course includes associationist, behaviorist, cognitive information processing, and constructivist learning theories.

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

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

EPSY 5541. Concepts in Human Development. 3 Credit Hours.
Covers the major theoretical orientations and methodological approaches to human development. Uses a life-span approach to cognitive, social, and physical development, genetic influences, parental influences, language and perceptual development, intelligence, peer influences, parenting practices, moral development, and the development of gender identity among other issues.

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

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

EPSY 5551. Introduction to Program Evaluation. 3 Credit Hours.
Methods and approaches to evaluation; planning and conducting evaluations; problems confronting the evaluator; professional issues.

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

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

EPSY 5561. Development and Learning Over the Lifespan. 3 Credit Hours.
This course is intended for master's and doctoral students seeking an introductory survey of how humans develop and learn in several key areas across the lifespan. To this end, the course addresses typical trajectories of development and learning in three major domains: cognition, social competence and interaction, and physical and motor skills. We will examine both domain-general theories of development and learning that guide thinking across all three domains of interest, as well as essential domain-specific theories and recent empirical research relevant to just one or two domains.

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

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

EPSY 8625. Intermediate Educational Statistics. 3 Credit Hours.
Survey of issues, problems, and approaches involved in using ANOVA, correlational, and nonparametric procedures. Emphasizes guidelines for selecting statistical tests, computer-aided computation, and interpretation of results.

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

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

EPSY 8627. Introduction to Research Design and Methods. 3 Credit Hours.
The primary goals of this survey course are to help students understand (a) how to make optimal decisions with respect to their own research, (b) evaluate the decision-making and research practices of other researchers, and (c) that there is no one 'best' method (i.e., the best method depends on a researcher's goals; avoid mismatching goals and methods). To be an effective decision-maker, a researcher has to coordinate multiple goals and develop a set of effective options for meeting these goals. The present course is designed to help students identify their goals, develop a set of plausible options (i.e., possible research methods), and evaluate the pros and cons of these options. It is also hoped that students will gain increased insight into the ethics of research and how to write effective journal articles and research proposals. Ideally this course should be taken early in one's program and in conjunction with an epistemology of research course. It is hoped that the one-class introduction to a specific methodology (e.g., ethnography or meta-analysis) will prompt a student to take a follow-up course that spends the entire semester on that method.

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

Repeatability: This course may not be repeated for additional credits.
EPSY 8629. Test Construction and Validation. 3 Credit Hours.
Students will plan, develop, construct, revise, and validate an instrument. Methods for assessing reliability and validity (especially construct validity) are emphasized. Item analysis techniques are included. Basic approach and components of Item Response Theory (IRT), including introduction to the Rasch models.

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

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

EPSY 8638. Seminar in Instructional Theories. 3 Credit Hours.
Examines contemporary instructional theories and models. Includes consideration of various conceptions of the learner and the instructional process.

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

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

EPSY 8639. Instructional Design and Development. 3 Credit Hours.
Covers strategies and techniques for creating or modifying instructional resources. Emphasis will be given to instructional design models for the systematic design of instruction, including adaptive and/or augmentative technology. Students will employ a specific instructional design model and apply select instructional theories in the design of an instructional unit.

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

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

EPSY 8735. Proseminar in Learning. 3 Credit Hours.
Extended treatment of selected topics in educational psychology concentrating on issues dealing with learning and instruction.

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

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

EPSY 8741. Proseminar in Human Development. 3 Credit Hours.
Extended treatment of selected topics in human growth and development.

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

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

EPSY 8825. Advanced Data Analysis. 3 Credit Hours.
A survey of statistical techniques involving both between groups and correlational analyses. Students use SPSS to analyze data.

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

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

EPSY 8826. Multivariate Research Methods. 3 Credit Hours.
A survey of multivariate data analysis procedures, with a focus on parametric techniques. Students use computer library programs (SPSS) to analyze data.

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

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

EPSY 8827. Experimental Design. 3 Credit Hours.
Emphasizes parametric analyses of variance and covariance, and their nonparametric analogs. Students use computer library programs (SPSS) to analyze data.

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

Repeatability: This course may not be repeated for additional credits.
EPSY 8960. Seminar Series: Problems in Educational Psychology. 3 Credit Hours.
Specified problems, research, and practice in educational psychology. May be repeated for credit. Specific offerings change from semester to semester; contact Department for current offerings.

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

Repeatability: This course may be repeated for additional credit.

EPSY 8970. Seminar Series: Problems in Educational Psychology. 3 Credit Hours.
Specified problems, research, and practice in educational psychology. May be repeated for credit when approved by the instructor. Specific offerings change from semester to semester; contact Department for current offerings.

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

Repeatability: This course may be repeated for additional credit.

EPSY 8980. Seminar Series: Problems in Educational Psychology. 3 Credit Hours.
Specified problems, research, and practice in educational psychology. May be repeated for credit when approved by the instructor. Specific offerings change from semester to semester; contact Department for current offerings.

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

Repeatability: This course may be repeated for additional credit.

EPSY 8985. Teaching in Higher Education. 3 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.

EPSY 8986. Proseminar in Educational Psychology. 3 Credit Hours.
The main purpose of the Proseminar in Educational Psychology is to advance students' professional development in the domain of educational psychology. The course aims to contribute to the development of knowledge of the field of educational psychology and simultaneously to students' exploration of their career goals in the field.

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

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

EPSY 9287. ILT: Practicum in Instructional Technology. 3 Credit Hours.
Provides for one hundred hours of hands-on experiences working in a professional organization consistent with the student's goals and objectives.

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

Repeatability: This course may be repeated for additional credit.

EPSY 9982. Independent Study in Educational Psychology. 1 to 6 Credit Hour.
A course intended to meet the needs of students who desire to carry on individual investigation.

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

Repeatability: This course may be repeated for additional credit.

EPSY 9991. Directed Res & Teach Pse. 1 to 12 Credit Hour.
Supervised apprenticeship in an educational activity central to educational psychology. Examples of possible apprenticeships are: research apprenticeship, educational program evaluation apprenticeship, educational product development apprenticeship, and teaching apprenticeship.

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

Repeatability: This course may be repeated for additional credit.
**EPSY 9995. Master’s Capstone in Educational Psychology. 3 Credit Hours.**
In this course, students completing a master's degree in educational psychology will work with an advisor to construct a capstone project. Drawing on the program’s core ideas in human learning and development, as well as psychological principles in education, students will complete a summative project in which they apply these ideas to a real-world problem in the field. The final product for the course will include a written document summarizing this work.

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

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

**EPSY 9996. Master’s Thesis in Educational Psychology. 1 to 6 Credit Hour.**
Limited to those who plan to complete the master’s degree by writing a thesis.

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

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

**EPSY 9999. Dissertation in Educational Psychology. 1 to 6 Credit Hour.**
Dissertation research limited to doctoral candidates.

**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: Dissertation Writing Student.

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

**Music Education 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 5666. 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 5667. 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 5668. 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, 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.
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 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.

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.