M.S. IN MUSIC ENGINEERING TECHNOLOGY

Overview
Since 1975, the Music Engineering Technology program at the University of Miami Frost School of Music has pioneered education in music and technology, setting the standard by which the National Association of Schools of Music (NASM) accredits other such programs around the United States. Alumni of the program have contributed significantly to the music and audio industries and upon graduation pursue careers ranging from recording engineer to software designer.

The Music Engineering Technology program offers a two-year Master of Science graduate degree for students who have completed an undergraduate degree in electrical engineering or computer science. These students study the software and hardware design of audio systems and perform independent research that culminates in a thesis project. Upon graduation, these students are widely placed in top corporations that span the audio industry. For more information, please visit the website for the Music Engineering program (https://musicengineering.frost.miami.edu/).

On-Campus Programs
The application priority deadline is December 1st.

The supplemental materials deadline is January 1st.

Please click here (https://admissions.frost.miami.edu/graduate/how-to-apply/mmi-applicants/) for special deadlines related to our Arts Presenting, Media Writing, Music Business, and Music Engineering programs

Step 1 - Apply
• Apply online through CollegeNET (https://www.applyweb.com/miamigrd/)
• Upload a prescreening (if applicable) through SlideRoom (https://fsomgrad.slideroom.com/#/Login) – check the Audition/Portfolio Requirements (https://admissions.frost.miami.edu/graduate/audition-requirements/) page for specific information

Step 2 - Submit Supplemental Materials
All supplemental materials must be submitted either via email to fsom.graddocs@miami.edu or via US Mail to PO Box 248165, Coral Gables, FL 33124.

Required for all applicants:
• Transcripts – an official transcript from ALL post-secondary schools attended, regardless of if a degree was granted or not, must be sent directly to the Frost School of Music from the issuing institution in order to be considered official
  • Applicants with international transcripts, please click here (https://admissions.frost.miami.edu/graduate/how-to-apply/international-applicants/) for specific instructions about approved evaluation services
  • An official transcript is required for every school attended, even if it was only a single class
  • Current University of Miami students applying to a new degree program must provide an official University of Miami transcript
• Three letters of recommendation - sent through CollegeNet as part of application submission. These do not need to be sent separately
• Resume - attached to the application at the time of submission. This does not need to be sent separately

The following supplemental materials may be required for some applicants:
• GRE Score - Please contact your program faculty (https://www.frost.miami.edu/faculty/by-program/) for specific GRE information
• TOEFL/IELTS Score (https://admissions.frost.miami.edu/graduate/how-to-apply/international-applicants/) - Please click here for more specific TOEFL/IELTS information
• Teaching/Conducting Sample
• Writing Sample
• Prescreening/Audition/Interview
• Portfolio

Not all supplemental materials are required for all degree programs. Please see the Degree Program Requirements (https://admissions.frost.miami.edu/_assets/pdf/graduate/grad-admission-reqs-080819.pdf) for specific requirements.

For information regarding specific program requirements, please see Application & Program Requirements (https://admissions.frost.miami.edu/graduate/application-program-requirements/).
Applicants are responsible for tracking the status of their application materials and should do so on CaneLink (https://m.canelink.miami.edu/). Please allow at least two weeks for documents to be processed and marked as complete. If you are unable to access your CaneLink account, please check the CaneLink FAQ (https://canelink.it.miami.edu/faq/).
Step 3 - Audition/Interview/Upload Portfolio

Audition - If your program requires an audition, you will be contacted after the December 1st deadline to schedule a date. All performance programs require a prescreening and invitations to audition will be extended to those applicants approved by faculty review. Check the Audition/Portfolio Requirements (https://admissions.frost.miami.edu/graduate/audition-requirements/) page for specific requirements. Do not make travel plans until you receive a confirmation email from Frost Admissions.

Interview - If your program requires an interview, you will be contacted by department faculty to schedule a date.

Portfolio - If your program requires a portfolio, please upload it through SlideRoom. (https://fsomgrad.slideroom.com/#/Login) Check the Audition/Portfolio Requirements (https://admissions.frost.miami.edu/graduate/audition-requirements/) page for specific requirements.

Music, Media, & Industry Application Deadlines (https://admissions.frost.miami.edu/graduate/how-to-apply/mmi-applicants/)
If you are applying to Music Business & Entertainment Industries, Arts Presenting & Live Entertainment Management, JD/MM, or JD/MA programs, the following deadlines apply:
December 1 - International applicants and priority domestic applicants
April 1 - All JD/MM and JD/MA applicants
June 1 - Final application and supplemental materials deadline for domestic applicants

If you are applying to Music Engineering Technology or Media Writing and Production, the following deadlines apply:
December 1 - International applicants and priority domestic applicants
February 1 - Priority portfolio deadline
April 1 - Final application and portfolio deadline - all applications/supplemental materials/portfolios are due by this date

International Applicants (https://admissions.frost.miami.edu/graduate/how-to-apply/international-applicants/)
• TOEFL/IELTS - Test scores are required for international applicants whose native language is not English and who have not received a degree from an accredited English-speaking institution. Additional information can be found under International Applicants (https://admissions.frost.miami.edu/graduate/how-to-apply/international-applicants/).
• Applicants must submit a copy of their passport before a decision can be made. The name on your passport must match the name with which you apply.

If accepted, you will be contacted by the Office of Admission to submit documentation of financial responsibility.

Documents Required
Submit the following educational documents to an approved international credentialing evaluation service:

a) Official original diplomas and certificates in the original language, and

b) Official original transcripts in the original language (names of courses, grades, and hours of instruction) for every year of study.

Documents in a language other than English must be accompanied by professional, certified English translations. Translations supplement but do not replace, the official documents.

Type of Evaluation Required
The Frost School of Music is requiring international applicants to their programs to complete a course-by-course evaluation with GPA.

Where to Submit Documents for Evaluation

World Education Services (WES) is the second preferred evaluation service for international applicants to the University of Miami. Click here (https://www.wes.org/) for more information, including the Application for Evaluation of Foreign Educational Credentials (https://www.wes.org/#get-started).

Please note that international applicants are not required to use the services of JS&A or WES exclusively, but the University of Miami requires that an international credential evaluation must be done by one of the approved evaluation vendors found on this list (http://naces.org/members.html).

Evaluation Fee
Applicants are responsible for the evaluation fee.

Submission of Evaluation
The evaluation vendor is required to send all official copies of related documents to:

Frost School of Music
• Please click here (http://grad.miami.edu/apply/on-campus-graduate-programs/frost-school-of-music-international-applicants/Frost%20School%20%20International%20Applicants.html) for additional details

• Applicants who are applying with a current degree in progress will be required to have their final transcripts and diploma evaluated upon arrival at the Frost School. If applicants use Josef Silny for the initial evaluation, the Frost School will cover the evaluation. If applicants choose a different vendor, they will be responsible for the cost of the re-evaluation.

Decisions
Students are recommended for admission to the Frost School of Music by the faculty and admission committees. Final acceptance to the Graduate program is made after all materials requested by the Frost School of Music have been received and evaluated. Scholarships and/or Assistantships are awarded based on faculty recommendation. Admission decisions are sent out starting in late March.

Application Guidelines
• Applications are accepted for the fall term only
• Applications are accepted for only one degree program
• Graduate applicants must have a minimum of a 3.0 cumulative GPA for consideration
• Applicants must be in-progress toward completing or have earned the appropriate prior music degree(s) from a regionally accredited institution in order to apply for a graduate level music program. If you are accepted and decide to attend the Frost School, you will be required to provide a final transcript showing a conferred degree.
• The MM in Music Business & Entertainment Industries and the MA in Arts Presenting & Live Entertainment Management do not require prior music degrees. The MS in Music Engineering Technology is open to students who have completed an undergraduate degree in an appropriate engineering/science field.
• Current University of Miami students applying to a new degree program must provide an official University of Miami transcript
• Materials submitted in support of an application cannot be released for other purposes nor returned to the applicant
• For information on where to submit supplemental materials, please see our Contact Information (https://admissions.frost.miami.edu/contact-us/)

Curriculum Requirements

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MMI 705</td>
<td>Current Trends in Music Engineering I</td>
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<tr>
<td>MMI 603</td>
<td>Audio Signal Processing II</td>
<td>3</td>
</tr>
<tr>
<td>MMI 610</td>
<td>Computational Psychoacoustics</td>
<td>3</td>
</tr>
<tr>
<td>MMI 6XX/7XX Advisor-approved course in music engineering</td>
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<tr>
<td>Graduate Level Electives in Music</td>
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<td>MMI 13</td>
<td>Music Engineering Forum</td>
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<tr>
<td>Electives</td>
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<tr>
<td>Select 9 credit hours of graduate level courses in electrical/computer engineering and/or computer science</td>
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<tr>
<td>Final Project</td>
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<td>MMI 813</td>
<td>Master's Research Project</td>
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Sample Plan of Study

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<td>Fall</td>
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<td>MMI 13</td>
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<tr>
<td>Spring</td>
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<td>MMI 13</td>
<td>Music Engineering Forum 0</td>
</tr>
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<td>Course</td>
<td>Title</td>
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<tr>
<td>MMI 603</td>
<td>Audio Signal Processing II</td>
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<tr>
<td>ECE, CS, MMI, or Music 6xx/7xx Elective</td>
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</tr>
<tr>
<td>MMI 610</td>
<td>Computational Psychoacoustics (or ECE, CS, MMI, or Music 6xx/7xx Elective)</td>
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**Year Two**

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**Credit Hours**

9

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<tr>
<th>Course</th>
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<td>Master’s Research Project</td>
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<tr>
<td>MMI 610</td>
<td>Computational Psychoacoustics (or ECE, CS, MMI, or Music 6xx/7xx Elective)</td>
<td>3</td>
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**Credit Hours**

5

**Total Credit Hours**

30

*This is a suggested Plan of Study. Your actual course sequence may vary depending on your previous academic experience as well as current course offerings. Students should meet with their academic advisor each semester to determine the appropriate course selection.*

**Mission**

The mission of the Music Engineering Technology program is to:

- Provide the highest quality education in the field of music engineering technology
- Promote advancements in the fidelity and creativity of music recording, production, and reproduction
- Promote advancements in the invention, design, and implementation of audio hardware and software.

**Goals**

The goals of the MS Music Engineering Technology program are to:

- Engage experiential and novel teaching modalities that lead to rapid student acquisition of elite technical skills that qualify them for cutting-edge positions in the audio industry;
- Prepare students for potential placement in PhD programs in Music Technology, Computer Science, Electrical Engineering, Digital Informatics, or Media Engineering;
- Ensure that curricular offerings are current and able to educate students in new and future theory and practice; and
- Place graduates into professional career positions.

**Student Learning Outcomes**

- Students will demonstrate advanced problem solving skills to find a solution to an engineering research problem.
- Students will demonstrate fundamental understanding of software engineering concepts and applications as applied to music engineering problems.
- Students will demonstrate advanced understanding of electrical and computer engineering concepts and applications to audio analysis and signal processing.