M.S. IN MUSIC ENGINEERING TECHNOLOGY

Curriculum Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMI 705</td>
<td>Current Trends in Music Engineering I</td>
<td>3</td>
</tr>
<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</td>
<td>Advisor-approved course in music engineering</td>
<td>3</td>
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<tr>
<td></td>
<td>Graduate Level Electives in Music</td>
<td>6</td>
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<tr>
<td>MMI 13</td>
<td>Music Engineering Forum</td>
<td>0</td>
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Electives

Select 9 credit hours of graduate level courses in electrical/computer engineering and/or computer science - 9

Final Project

MMI 813 Master's Research Project - 3

Total Credit Hours - 30

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.