Electrical Engineering, MSE

The EE program offers two plans leading to the MSE with a Electrical Engineering option. These are designated:

- Plan I (Thesis)
- Plan II (Non-thesis)

The following sections describe the requirements for each of these options. With prior approval, up to 6 semester hours of 500-level courses may be taken in fulfillment of the MSE requirements. All courses in the program of study must be approved by a faculty advisor.

Basic Program of Study

The Basic Program of Study, common to both the Plan I and Plan II MSE options, contains a minimum of 24 semester hours of graduate-level course work that must include:

<table>
<thead>
<tr>
<th>EE Major</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 12 semester hours of related graduate-level courses in an EE subject area</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Math Minor</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 hours of coursework with mathematical or theoretical foundation.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Engineering Area of Specialization Minor</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select a 2-course sequence from engineering, or computer science</td>
<td></td>
</tr>
</tbody>
</table>

Total Semester Hours: 24

1. Typically, students take EE 629 and EE 630 or an approved sequence of courses in mathematics.
2. At least one of those courses should be at the 600 level.

Plan I, Thesis Option

Students selecting this option must:

- Complete the Basic Program of Study as described above
- EE 699 MASTER'S THESIS
- Complete an acceptable thesis including a public defense

Total Semester Hours: 30

Plan II, Non-Thesis Option

Students selecting this option must:

- Complete the Basic Program of Study as described above
- Select 6 semester hours of graduate coursework to complete an approved extended program of study
- EE 693 ECE CAPSTONE

Total Semester Hours: 31