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 semester hours of related graduate-level courses in an EE subject area</th>
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</thead>
<tbody>
<tr>
<td>Math Minor</td>
<td>6 hours of coursework with mathematical or theoretical foundation.</td>
</tr>
<tr>
<td>Engineering Area of Specialization Minor</td>
<td>Select a 2-course sequence from engineering, or computer science</td>
</tr>
<tr>
<td>Total Semester Hours</td>
<td>24</td>
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</tbody>
</table>

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
- 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

| Total Semester Hours | 31 |