Chemical Engineering, MSE

The CME Department offers two plans leading to the MSE degree for the Chemical Engineering option. These are designated:

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

The following sections describe the requirements for each of these options. Additional requirements, policies and required forms may be found in the CME Department office.

**Basic Program of Study**

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

**Engineering Major**
Select an engineering major consisting of 12 semester hours of graduate courses including supporting engineering courses 12

**First Minor**
Select a first minor of 6 semester hours of graduate courses in an approved engineering area of specialization 6

**Second Minor**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAE 692</td>
<td>GRAD ENGR ANALYSIS I</td>
<td>3</td>
</tr>
<tr>
<td>MAE 693</td>
<td>GRAD ENGR ANALYSIS II</td>
<td>3</td>
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</tbody>
</table>

Total Semester Hours 24

1 Additional CHE courses and/or other five/six-hundred level courses listed in the graduate catalog can be used as elective courses. Students are required to select an academic advisor and set up the MSE Program of Study early on to identify these elective courses.

**Plan I, Thesis Option**

Students selecting this option must:

Complete Basic Program of Study as described above 24

**Master’s Thesis**

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<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CHE 699</td>
<td>MASTER'S THESIS</td>
<td>6</td>
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</table>

Complete an acceptable thesis including a public defense

Total Semester Hours 30

**Plan II, Non-Thesis Option**

Students selecting this option must:

Complete Basic Program of Study as described above 24

Select 6 semester hours of graduate courses to complete an approved extended program of study 6

Total Semester Hours 30