# Mechanical Engineering Minor

Admission to the Joint Engineering program is required. A minimum of 19 credit hours in Joint Mechanical Engineering and Engineering courses are required.

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 2310</td>
<td>Statics</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 2320</td>
<td>Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>J M ENGR 2410</td>
<td>Mechanics of Deformable Bodies</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose at least one of the following four options for an additional 10 credit hours:

**Option 1**

- J M ENGR 3250 Material Science for J M ENGR
- Any other two J M ENGR courses for 6 credit hours

**Option 2**

- J M ENGR 3200 Thermodynamics
- J M ENGR 3700 Fluid Mechanics
- J M ENGR 3710 Principles of Heat Transfer
- J M ENGR 3721 Fluid Mechanics Laboratory
  or J M ENGR 3722 Heat Transfer Laboratory

**Option 3**

- J M ENGR 3200 Thermodynamics
- J M ENGR 3700 Fluid Mechanics
- J M ENGR 3710 Principles of Heat Transfer
- J M ENGR 3721 Fluid Mechanics Laboratory
  or J M ENGR 3722 Heat Transfer Laboratory

**Option 4**

- J M ENGR 4170 Dynamic Response of Physical Systems
- J M ENGR 4180 Dynamic Response Laboratory
- Any other J M ENGR course for 7 credit hours

**Total Hours** 19