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
- 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
- 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