# Mechanical Engineering, BS

## Four-Year Plan

### Sample Four-Year Plan

<table>
<thead>
<tr>
<th>First Year</th>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MATH 221</td>
<td>5</td>
<td>MATH 222</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>CHEM 103 or 109</td>
<td>4</td>
<td>E M A 201</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>M E 201</td>
<td>3</td>
<td>M E 231</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Communications A or Communications A</td>
<td>3</td>
<td>M E 201</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Liberal Studies Elective</td>
<td>3</td>
<td>Liberal Studies Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>15</strong></td>
<td><strong>16</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Year</th>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>E M A 303</td>
<td>3</td>
<td>E M A 202</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MATH 234</td>
<td>4</td>
<td>MATH 320</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>M E/E M A 307</td>
<td>1</td>
<td>PHYSICS 202</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>COMP SCI 220</td>
<td>4</td>
<td>M S &amp; E 350</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Liberal Studies Elective</td>
<td>3</td>
<td>STAT 324 or I SY E 210</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>15</strong></td>
<td><strong>17</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Third Year</th>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M E 331</td>
<td>3</td>
<td>M E 342</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>M E 361</td>
<td>3</td>
<td>M E 363</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>M E 340</td>
<td>3</td>
<td>INTEREGR 397</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Math/Science Elective</td>
<td>3</td>
<td>M E 376</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>M E 310</td>
<td>3</td>
<td>M E 311</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Liberal Studies Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>18</strong></td>
<td><strong>17</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fourth Year</th>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M E 351</td>
<td>3</td>
<td>M E 352</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>M E 364</td>
<td>3</td>
<td>M E 370</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>M E 368</td>
<td>4</td>
<td>Technical Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Technical Elective</td>
<td>3</td>
<td>Technical Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Technical Elective</td>
<td>3</td>
<td>Liberal Studies Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>16</strong></td>
<td><strong>15</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

**Total Credits 128**

---

1. CHEM 109 Advanced General Chemistry may be taken in place of CHEM 103 General Chemistry I. If CHEM 103 is taken, students may need to take additional free electives to meet the minimum number of credits required for the degree.

2. E M A 201 Statics, E M A 202 Dynamics, E M A 303 Mechanics of Materials, and M E 361 Thermodynamics each require a minimum grade of C.