<table>
<thead>
<tr>
<th>Semester 1</th>
<th>SH</th>
<th>Semester 2</th>
<th>SH</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>English Composition I</td>
<td>3</td>
<td>ENC 1102</td>
</tr>
<tr>
<td>MAC 2311</td>
<td>Calculus I</td>
<td>4</td>
<td>MAC 2312</td>
</tr>
<tr>
<td>CHM 2045/L</td>
<td>Chemistry I + Lab</td>
<td>4</td>
<td>PHY 2048/L</td>
</tr>
<tr>
<td>GEN ED</td>
<td>FCC Social Science</td>
<td>3</td>
<td>GEN ED</td>
</tr>
<tr>
<td>EGS 1006</td>
<td>Intro to Engineering</td>
<td>1</td>
<td>GEN ED</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>15</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 3</th>
<th>SH</th>
<th>Semester 4</th>
<th>SH</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 2049/L</td>
<td>Physics II + Lab</td>
<td>4</td>
<td>MAP 2302</td>
</tr>
<tr>
<td>MAC 2313</td>
<td>Calculus III</td>
<td>4</td>
<td>EML 3022</td>
</tr>
<tr>
<td>GEN ED</td>
<td>FCC Humanities</td>
<td>3</td>
<td>EGN 2440</td>
</tr>
<tr>
<td>EGM 2500</td>
<td>Statics</td>
<td>3</td>
<td>EGN 2912L</td>
</tr>
<tr>
<td>EGN 2911L</td>
<td>Sophomore Design I</td>
<td>1</td>
<td>EGN 3365</td>
</tr>
<tr>
<td>GEN ED</td>
<td>Social Science</td>
<td>3</td>
<td>GEN ED</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>18</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 5</th>
<th>SH</th>
<th>Semester 6</th>
<th>SH</th>
</tr>
</thead>
<tbody>
<tr>
<td>EML 3172/L</td>
<td>Mech. of Materials + Lab</td>
<td>4</td>
<td>EGN3914L</td>
</tr>
<tr>
<td>EML 3015</td>
<td>Thermal Fluid Systems I</td>
<td>3</td>
<td>EML 3500</td>
</tr>
<tr>
<td>EGM 3344</td>
<td>Numerical Methods</td>
<td>3</td>
<td>EML 3650/L</td>
</tr>
<tr>
<td>EGN 3913L</td>
<td>Jr. Engineering Design I</td>
<td>1</td>
<td>EEL 3111/L</td>
</tr>
<tr>
<td>EGM 3401</td>
<td>Dynamics</td>
<td>3</td>
<td>EML XXXX</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>14</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 7</th>
<th>SH</th>
<th>Semester 8</th>
<th>SH</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEL 3211/L</td>
<td>Energy Systems + Lab</td>
<td>4</td>
<td>EGM 4811/L</td>
</tr>
<tr>
<td>EML 4225</td>
<td>Dynamic Systems</td>
<td>3</td>
<td>EML XXXX</td>
</tr>
<tr>
<td>EML XXXX</td>
<td>ME Elective</td>
<td>3</td>
<td>EML XXXX</td>
</tr>
<tr>
<td>EML XXXX</td>
<td>ME Elective</td>
<td>3</td>
<td>EML XXXX</td>
</tr>
<tr>
<td>EML XXXX</td>
<td>ME Elective</td>
<td>3</td>
<td>EGN 4952L</td>
</tr>
<tr>
<td>EGN 4950</td>
<td>Capstone Design I</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits: 130