<table>
<thead>
<tr>
<th>Key</th>
<th>Course Information</th>
<th>Credit</th>
<th>Note</th>
<th>Key</th>
<th>Course Information</th>
<th>Credit</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BAE 142- Engineering for Living Systems</td>
<td>2</td>
<td></td>
<td></td>
<td>Chem 112- Principles of Chemistry II</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chem 111- Principles of Chemistry I</td>
<td>4</td>
<td></td>
<td></td>
<td>Math 175- Analytic Geometry &amp; Calculus II</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISEM 101- Integrated Seminar</td>
<td>3</td>
<td></td>
<td></td>
<td>Phys 211/211L- Engineering Physics/Lab</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Engl 102- College Writing &amp; Rhetoric</td>
<td>3</td>
<td></td>
<td></td>
<td>Elective- Humanities or Social Science</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Math 170- Analytic Geometry &amp; Calculus I</td>
<td>4</td>
<td></td>
<td></td>
<td>Total</td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>

Freshman: Total 16

Sophomore:

<table>
<thead>
<tr>
<th>Key</th>
<th>Course Information</th>
<th>Credit</th>
<th>Note</th>
<th>Key</th>
<th>Course Information</th>
<th>Credit</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BAE 242- Engineering Analysis &amp; Design</td>
<td>2</td>
<td></td>
<td></td>
<td>Biol 115- Cells &amp; the Evolution of Life</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Engr 105- Engineering Graphics</td>
<td>2</td>
<td></td>
<td></td>
<td>Engr 210- Engineering Statics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Math 275- Analytic Geometry &amp; Calculus III</td>
<td>3</td>
<td></td>
<td></td>
<td>Engr 240- Intro. To Electrical Circuits</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MMBB 250/255- General Microbiology/Lab</td>
<td>5</td>
<td></td>
<td></td>
<td>Soil 205- Soil Ecosystem</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Phys 212- Engineering Physics II</td>
<td>3</td>
<td></td>
<td></td>
<td>Chem 277/278- Organic Chemistry/Lab</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

Sophomore: Total 15

Junior:

| Key | Course Information | Credit | Note | Key | Course Information | Credit | Note |
|     |                   |        |      |     |                   |        |      |
|     |                   |        |      |     |                   |        |      |

Junior: Total 17
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engr 335- Engineering Fluid Mechanics</td>
<td>3</td>
<td>BAE 355- Fundamentals of Hydrologic Engineering</td>
<td>3</td>
</tr>
<tr>
<td>Math 310- Ordinary Differential Equations</td>
<td>3</td>
<td>BAE 360- Engineering Economy</td>
<td>2</td>
</tr>
<tr>
<td>MMBB 380- Intro. Biochemistry</td>
<td>4</td>
<td>Comm 101- Fundamentals of Public Speaking</td>
<td>2</td>
</tr>
<tr>
<td>Stat 301- Probability &amp; Statistics</td>
<td>3</td>
<td>Elective- Food Science</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective- Humanities or Social Science</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>32</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Senior:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAE 478- Engineering Design I</td>
<td>2</td>
<td>BAE 441- Instrumentation and Measurements</td>
<td>3</td>
</tr>
<tr>
<td>BAE 491- Senior Seminar</td>
<td>1</td>
<td>BAE 461- Bioprocess Engineering</td>
<td>3</td>
</tr>
<tr>
<td>FS 303- Food Processing</td>
<td>3</td>
<td>BAE 479- Engineering Design II</td>
<td>2</td>
</tr>
<tr>
<td>Engr 320- Engineering Thermodynamics &amp; Heat Transfer</td>
<td>3</td>
<td>FS 432- Food Engineering</td>
<td>3</td>
</tr>
<tr>
<td>Elective- Humanities or Social Science</td>
<td>3</td>
<td>Electives- Humanities or Social Science</td>
<td>6</td>
</tr>
<tr>
<td>Elective-Technical</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td><strong>TOTAL CREDITS</strong></td>
<td><strong>31</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Total for degree = 128 credits. Course offerings may change from year to year. Always check the current course catalog.

The University of Idaho reserves the right to change, amend or discontinue any articulation agreement or curriculum plan at any time.