# Biology - Secondary Education (BS) Four-Year Plan

## Biology, Secondary Education - Bachelor of Science
### 2020-21 Four-Year Plan

**Freshman**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 110C (Grade of C or better required)</td>
<td>3</td>
<td>ENGL 231C (Grade of C or better required)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 162M</td>
<td>3</td>
<td>Human Creativity</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 121N &amp; BIOL 122N</td>
<td>4</td>
<td>BIOL 123N &amp; BIOL 124N</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 121N</td>
<td>3</td>
<td>CHEM 123N</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 122N</td>
<td>1</td>
<td>CHEM 124N</td>
<td>1</td>
</tr>
<tr>
<td>STEM 101</td>
<td>1</td>
<td>STEM 102</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>15</td>
<td><strong>Total</strong></td>
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</tbody>
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**Sophomore**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information Literacy and Research: CS 121G or STEM 251G required</td>
<td>3</td>
<td>Human Behavior</td>
<td>3</td>
</tr>
<tr>
<td>Oral Communication</td>
<td>3</td>
<td>Interpreting the Past</td>
<td>3</td>
</tr>
<tr>
<td>STAT 130M</td>
<td>3</td>
<td>BIOL 292</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 291</td>
<td>3</td>
<td>MATH 205 or MATH 200 or MATH 211</td>
<td>3</td>
</tr>
<tr>
<td>STEM 201</td>
<td>3</td>
<td>STEM 202</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>15</td>
<td><strong>Total</strong></td>
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</table>

**Junior**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 293</td>
<td>3</td>
<td>PHYS 111N</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 211 &amp; CHEM 212</td>
<td>5</td>
<td>BIOL 294</td>
<td>3</td>
</tr>
<tr>
<td>OEAS 110N or OEAS 111N</td>
<td>4</td>
<td>300/400-level Biology elective*</td>
<td>4</td>
</tr>
<tr>
<td>Literature</td>
<td>3</td>
<td>Philosophy and Ethics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Impact of Technology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>15</td>
<td><strong>Total</strong></td>
<td>17</td>
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**Senior**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 405W</td>
<td>3</td>
<td>STEM 485</td>
<td>9</td>
</tr>
<tr>
<td>300/400-level Biology elective*</td>
<td>4</td>
<td>STEM 402</td>
<td>3</td>
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</tbody>
</table>

Total credit hours: 125

Language and Culture I & II may be met in high school and are not included in this 4-year plan. Please see requirement details.

*This is a suggested curriculum plan to complete this degree program in four years. Please consult information in this Catalog, Degree Works, and your academic advisor for more specific information on course requirements for this degree.