# Sample Program Plan
## Biology Degree
### Ecological Concentration

<table>
<thead>
<tr>
<th></th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman Year</strong></td>
<td><strong>CHEM 204/204L General Chemistry</strong></td>
<td>CHEM 205/205L Gen. Chemistry</td>
<td><strong>CHEM 206/206L Gen. Chemistry</strong></td>
</tr>
<tr>
<td></td>
<td><strong>BIOL 211/211L Principles of Biology</strong></td>
<td>BIOL 212/212L Prin. of Biology</td>
<td>BIOL 213/213L Principles of Biology</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Credits</td>
<td>14</td>
<td>14</td>
<td>14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sophomore Year</strong></td>
<td><strong>CHEM 334 Organic Chemistry I</strong></td>
<td>CHEM 335 Organic Chemistry II</td>
<td><strong>BIOL 334/334L Plant Taxonomy</strong></td>
</tr>
<tr>
<td></td>
<td><strong>BIOL 313 Riparian Biology w/L</strong></td>
<td><strong>BIOL 334/334L Plant Taxonomy</strong></td>
<td><strong>CHEM 360 Environmental Chemistry</strong></td>
</tr>
<tr>
<td></td>
<td><strong>WR 121 Academic Composition</strong></td>
<td><strong>CHEM 360 Environmental Chemistry</strong></td>
<td><strong>BIOL 320 Ornithology w/L</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Credits</td>
<td>10</td>
<td>4</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Junior Year</strong></td>
<td><strong>BIOL 341/341L Genetics</strong></td>
<td>BIOL 342/342L Genetics</td>
<td><strong>BIOL 357/358 Gen. Ecology &amp; Lab</strong></td>
</tr>
<tr>
<td></td>
<td><strong>STAT 243 OR STAT 327</strong></td>
<td>STAT 352 Statistics [5]</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Credits</td>
<td>8/9</td>
<td>8</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Senior Year</strong></td>
<td><strong>PHYS 201/201L General Physics</strong></td>
<td></td>
<td><strong>BIOL 415 Forest Ecology w/L</strong></td>
</tr>
<tr>
<td></td>
<td><strong>BIOL 415 Forest Ecology w/L</strong></td>
<td><strong>BIOL 490 Evolution (Capstone)</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Credits</td>
<td>4</td>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>

[1] BIOL211 should be NOT be taken in the second year if student tests into MATH111
[2] Prerequisite for MATH112 and co-requisite for CHEM204
[3] Prerequisite for PHYS201
[5] If STAT 327 is taken, STAT352 does NOT need to be taken
**51 Upper-Division credits planned (need 60) – take 9 UD credits (suggested options: BIOL323, 421, 432, or 433)