### Lower Division Requirements (24 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 230</td>
<td>Introductory Biology</td>
<td>5</td>
</tr>
<tr>
<td>BIOL 231</td>
<td>Advising for Success as a Biology Major</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 235</td>
<td>BIOL 230</td>
<td>Introduction to Biology</td>
</tr>
<tr>
<td>CHEM 115</td>
<td>General Chemistry I (fulfills GE Areas B2 &amp; Life Science &amp; B2 Lab format)</td>
<td>5</td>
</tr>
<tr>
<td>MATH 226</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 151/152</td>
<td>General Physics I Laboratory</td>
<td>4</td>
</tr>
</tbody>
</table>

Total lower division requirements (units): 24

### Upper Division Requirements (17-20 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 337</td>
<td>BIOL 230 + BIOL 240 + BIOL 355</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 355</td>
<td>BIOL 230 + BIOL 240 + Chem 115</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 456</td>
<td>one college-level Biology course</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 473</td>
<td>BIOL 230 + BIOL 240</td>
<td>4</td>
</tr>
</tbody>
</table>

### One of the following courses upon advisement (3-6 units):

- [BIOL 475/GW](#) Evolution - GWAR
- [BIOL 478/GW](#) Herpetology - GWAR
- [BIOL 529/GW](#) Marine Ecology - GWAR
- [BIOL 534/GW](#) Plant Ecology - GWAR
- [BIOL 549/GW](#) Animal Behavior

### Ecology and Evolution Elective courses (select 9 units upon advisement)

- [BIOL 482](#) Introduction to Biological Science
- [BIOL 458](#) Evolutionary Paleoecology
- [BIOL 337](#) Introduction to Evolutionary Biology
- [BIOL 379](#) Marine Invertebrate Zoology
- [BIOL 530](#) Conservation Biology
- [BIOL 532](#) Restoration Ecology
- [BIOL 534](#) Wetland Ecology
- [BIOL 555](#) Marine Invertebrate Zoology
- [BIOL 570/GW](#) Ecology and Evolution of Marine Systems I
- [BIOL 571](#) Ecology and Evolution of Marine Systems II

### Physiology and Additional Elective courses (Select 9 units upon advisement)

- [BIOL 315](#) Field Methods in Ecology and Evolution (1)
- [BIOL 322](#) Human Sexuality: Integrative Science
- [BIOL 327](#) GE Areas A1*, A2*, A3*, B4*+one college-level Biology course
- [BIOL 338](#) Evolutionary Developmental Biology
- [BIOL 344/GW](#) Introductory Biology II (fulfills GE Areas B2 & Life Science & B2 Lab format)
- [BIOL 355](#) Introductory Biology I (fulfills GE Areas B2 & Life Science & B2 Lab format)
- [BIOL 356](#) Human Sexuality: Integrative Science
- [BIOL 357](#) Molecular Genetics
- [BIOL 358](#) Forensic Genetics: Math Matters
- [BIOL 379](#) Marine Invertebrate Zoology
- [BIOL 382](#) Introductory Biology II (fulfills GE Areas B2 & Life Science & B2 Lab format)
Graduate programs

Students must take Chem 235/236.

Students must take the full year of organic chemistry with lab: Chem 233/234 and Chem 335/336.

Students should take biochemistry: Chem 349

Students must take Phys 121/122.

Students should consult with major advisor to optimize course plan for goals.