# Biology Minor

## Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 112</td>
<td>Principles of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 113</td>
<td>Principles of Biology II</td>
<td>4</td>
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</tbody>
</table>

### Biology Minor Elective Options

**Molecular Option**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>BIOL 230</td>
<td>Cell and Molecular Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 350</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 380</td>
<td>Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 434</td>
<td>Molecular Biology</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 15

### Ecological Option

<table>
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<tbody>
<tr>
<td>BIOL 213</td>
<td>Introduction to Ecology</td>
<td>4</td>
</tr>
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</table>

Select 11 credits from the following:

AQUA 351 | Aquatic Biological Processes
BIMS 220 | Introduction to Marine Biology
BIOL 300 | Environmental Biology and Related Controversial Issues
BIOL 330 | Introduction to Animal Behavior
BIOL 370 | Principles of Ecology
BIOL 415 | Population Genetics
BIOL 417 | Evolutionary Biology
BIOL 420 | Economic Botany
BIOL 426 | New Jersey Flora
BIOL 429 | Herpetology
BIOL 430 | Ornithology
BIOL 431 | Entomology
BIOL 436 | Phylogenetic Zoology
BIOL 451 | Comparative Animal Physiology
BIOL 460 | Biological Oceanography
BIOL 461 | Aquatic Ecology
BIOL 493 | Molecular Ecology

Total Credits: 15

### Functional Option

<table>
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<tbody>
<tr>
<td>BIOL 230</td>
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<tr>
<td>BIOL 380</td>
<td>Genetics</td>
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Select 7 credits of the following:

BIOL 410 | Toxicology
BIOL 425 | Elementary Plant Physiology
BIOL 432 | Medical Entomology