## Minor in Biology

27 credits

### Biology Minor Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1610 &amp; BIOL 1615</td>
<td>Principles of Biology I and Principles of Biology I Lab</td>
<td>5</td>
</tr>
<tr>
<td>BIOL 1620 &amp; BIOL 1625</td>
<td>Principles of Biology II and Principles of Biology II Lab</td>
<td>5</td>
</tr>
<tr>
<td>BIOL 3010</td>
<td>Evolution</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3030</td>
<td>Principles of Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3040 &amp; BIOL 3045</td>
<td>General Ecology and General Ecology Lab</td>
<td>4</td>
</tr>
</tbody>
</table>

Complete one (1) of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2400 &amp; BIOL 2405</td>
<td>Plant Kingdom and Plant Kingdom Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 4600 &amp; BIOL 4605</td>
<td>Plant Physiology and Plant Physiology Lab</td>
<td>4</td>
</tr>
</tbody>
</table>

### Biology Electives

Complete 4 credits from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIOL 3140 &amp; BIOL 3145</td>
<td>Comparative Vertebrate Anatomy and Comparative Vertebrate Anatomy Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3200 &amp; BIOL 3205</td>
<td>Invertebrate Zoology and Invertebrate Zoology Lab</td>
<td>4</td>
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<tr>
<td>BIOL 3250</td>
<td>Cancer Biology</td>
<td>2</td>
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<tr>
<td>BIOL 3340 &amp; BIOL 3345</td>
<td>Plant Anatomy and Plant Anatomy Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3360</td>
<td>Developmental Biology</td>
<td>3</td>
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<tr>
<td>BIOL 3450 &amp; BIOL 3455</td>
<td>General Microbiology and General Microbiology Lab</td>
<td>4</td>
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<tr>
<td>BIOL 3460</td>
<td>Biology of Infectious Disease</td>
<td>3</td>
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<tr>
<td>BIOL 3470</td>
<td>Introduction to Immunology</td>
<td>3</td>
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<tr>
<td>BIOL 3550 &amp; BIOL 3555</td>
<td>Eukaryotic Cell Biology and Eukaryotic Cell Biology Lab</td>
<td>4</td>
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<tr>
<td>BIOL 4190 &amp; BIOL 4195</td>
<td>Mammalian Histology and Mammalian Histology Lab</td>
<td>4</td>
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<tr>
<td>BIOL 4200 &amp; BIOL 4205</td>
<td>Plant Taxonomy and Plant Taxonomy Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 4230 &amp; BIOL 4235</td>
<td>General Parasitology and General Parasitology Lab</td>
<td>4</td>
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<tr>
<td>BIOL 4240 &amp; BIOL 4245</td>
<td>Virology and Virology Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 4260 &amp; BIOL 4265</td>
<td>Herpetology and Herpetology Lab</td>
<td>3</td>
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<tr>
<td>BIOL 4270 &amp; BIOL 4275</td>
<td>Ichthyology and Ichthyology Lab</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 4280</td>
<td>Marine Biology</td>
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</tr>
<tr>
<td>BIOL 4300 &amp; BIOL 4305</td>
<td>Molecular Biology and Molecular Biology Laboratory</td>
<td>4</td>
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<tr>
<td>BIOL 4350 &amp; BIOL 4355</td>
<td>Animal Behavior and Animal Behavior Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 4380 &amp; BIOL 4385</td>
<td>Ornithology and Ornithology Lab</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 4400</td>
<td>Pathophysiology</td>
<td>3</td>
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</table>
Minor in Biology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIOL 4411</td>
<td>Mammalogy</td>
<td>4</td>
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<tr>
<td>&amp; BIOL 4415</td>
<td>Mammalogy Lab</td>
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</tr>
<tr>
<td>BIOL 4440</td>
<td>General Entomology</td>
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<tr>
<td>&amp; BIOL 4445</td>
<td>General Entomology Lab</td>
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</tr>
<tr>
<td>BIOL 4500</td>
<td>Comparative Vertebrate Physiology</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIOL 4505</td>
<td>Comparative Vertebrate Physiology Lab</td>
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</table>

**Completion Requirement**

- Complete all courses that fulfill requirements in the minor with a grade C or higher.

**Notes**

An academic minor is an attribute of a baccalaureate degree, not an entity by itself, and can only be awarded at the same time a student graduates with a bachelor’s degree. Students must declare a minor prior to submitting a graduation application. A minor may not be added to a previously awarded degree. Students must complete the minor requirements prior to or concurrent with completion of their bachelor’s degree requirements. Minors are not available with associate’s degrees.

Students may not declare a minor that is in the same discipline as their major. Example: English majors cannot declare any English minor.

Integrated Studies majors may not have an academic minor in the same discipline as either of their two declared emphases. Example: An Integrated Studies major with emphases in English and Spanish cannot receive a minor in either English or Spanish.