## Minor in Biology

**2015 - 2016**

### BIOLOGY MINOR REQUIREMENTS

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Description</th>
<th>CR</th>
<th>Prerequisites &amp; Notes</th>
<th>Grade</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ BIOL 1610/15 or BIOL 1610A/15A</td>
<td>Principles of Biology I / Lab</td>
<td>5</td>
<td>BIOL 1610/15 or BIOL 1610A/15A (both ≥C)</td>
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<tr>
<td>☐ BIOL 1620/25 or BIOL 1620A/25A</td>
<td>Principles of Biology II / Lab</td>
<td>5</td>
<td>BIOL 1620 or BIOL 1620A (both ≥C)</td>
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<tr>
<td>☐ BIOL 3010</td>
<td>Evolution</td>
<td>3</td>
<td>BIOL 1620 or BIOL 1620A (both ≥C)</td>
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<tr>
<td>☐ BIOL 3030</td>
<td>Molecular Genetics</td>
<td>4</td>
<td>BIOL 1620 or BIOL 1620A (both ≥C)</td>
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<tr>
<td>☐ BIOL 3040/45</td>
<td>General Ecology / Lab</td>
<td>4</td>
<td>BIOL 1620/25 or BIOL 1620A/25A (both ≥C)</td>
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<td>Complete one (1) of the following:</td>
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<tr>
<td>☐ BIOL 2400/05</td>
<td>Plant Kingdom / Lab</td>
<td>4</td>
<td>BIOL 3010, BIOL 3030, CHEM 1220 (All ≥C)</td>
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<tr>
<td>☐ BIOL 4600/05</td>
<td>Plant Physiology / Lab</td>
<td>4</td>
<td>BIOL 3010, BIOL 3030, CHEM 1220 (All ≥C)</td>
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### BIOLOGY ELECTIVES

Complete 4 credits from the following:

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Description</th>
<th>CR</th>
<th>Prerequisites &amp; Notes</th>
<th>Grade</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ BIOL 3140/45</td>
<td>Comparative Vertebrate Anat / Lab</td>
<td>4</td>
<td>BIOL 3010, BIOL 3030, BIOL 3040/45 (all ≥C)</td>
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<tr>
<td>☐ BIOL 3200/05</td>
<td>Invertebrate Zoology / Lab</td>
<td>4</td>
<td>BIOL 3010, BIOL 3030 (all ≥C)</td>
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<tr>
<td>☐ BIOL 3250</td>
<td>Cancer Biology</td>
<td>2</td>
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<td>☐ BIOL 3340/45</td>
<td>Plant Anatomy / Lab</td>
<td>4</td>
<td>BIOL 1620 or BIOL 1620A; and BIOL 2400</td>
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<tr>
<td>☐ BIOL 3360</td>
<td>Developmental Biology</td>
<td>3</td>
<td>BIOL 3010, BIOL 3030, BIOL 3040 (all ≥C)</td>
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<tr>
<td>☐ BIOL 3450/55</td>
<td>General Microbiology / Lab</td>
<td>4</td>
<td>BIOL 3010, BIOL 3030, CHEM 2310 (all ≥C)</td>
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<tr>
<td>☐ BIOL 3460</td>
<td>Biology of Infectious Disease</td>
<td>3</td>
<td>BIOL 3010, BIOL 3030, BIOL 3040 (all ≥C)</td>
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<td>☐ BIOL 3470</td>
<td>Introduction to Immunology</td>
<td>3</td>
<td>BIOL 3010, BIOL 3030, BIOL 3040 (all ≥C)</td>
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<tr>
<td>☐ BIOL 3550/55</td>
<td>Eukaryotic Cell Biology / Lab</td>
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<td>☐ BIOL 4190/95</td>
<td>Mammalian Histology / Lab</td>
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<td>☐ BIOL 4200/05</td>
<td>Plant Taxonomy / Lab</td>
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<td>☐ BIOL 4230/35</td>
<td>General Parasitology / Lab</td>
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<td>☐ BIOL 4240</td>
<td>Virology</td>
<td>4</td>
<td>BIOL 3450/55 (Both ≥C) OR BIOL 3550/55 (Both ≥C)</td>
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<tr>
<td>☐ BIOL 4260/65</td>
<td>Herpetology / Lab</td>
<td>3</td>
<td>BIOL 3150/55 (both C or higher)</td>
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<td>☐ BIOL 4270/75</td>
<td>Ichthyology / Lab</td>
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<td>BIOL 3150/55 (both C or higher)</td>
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<td>☐ BIOL 4280</td>
<td>Marine Biology</td>
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<tr>
<td>☐ BIOL 4300/05</td>
<td>Molecular Biology</td>
<td>4</td>
<td>(BIOL 3450 or BIOL 3550) &amp; CHEM 3510 (All ≥C)</td>
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<tr>
<td>☐ BIOL 4350/55</td>
<td>Animal Behavior / Lab</td>
<td>4</td>
<td>BIOL 3010, BIOL 3030 and BIOL 3040 (All grade C or higher)</td>
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<tr>
<td>☐ BIOL 4380/85</td>
<td>Ornithology / Lab</td>
<td>3</td>
<td>BIOL 3010, BIOL 3030, BIOL 3040/45 (all ≥C)</td>
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<td>☐ BIOL 4400</td>
<td>Pathophysiology</td>
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<td>BIOL 2320/25 &amp; BIOL 2420/25</td>
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<td>☐ BIOL 4411/15</td>
<td>Mammalogy / Lab</td>
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<td>BIOL 3010, BIOL 3030, BIOL 3040/45 (all ≥C)</td>
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<td>☐ BIOL 4440/45</td>
<td>General Entomology / Lab</td>
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<td>4</td>
<td>BIOL 3010, BIOL 3030, CHEM 1220 (All ≥C)</td>
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### COMPLETION REQUIREMENTS

☐ 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 do not need to declare a minor prior to submitting a graduation application, but the Minor Worksheet must be included with the student’s 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.