Biology Minor

Overview

Offered by the Department of Biology, the Minor in Biology is meant for students who wish to enhance their knowledge of the life sciences. After completion of the introductory courses, students may choose upper-level courses in their particular area of interest.

Students whose majors are within the Department of Biology or whose programs have a significant biology component may not declare a Biology minor. This includes:

- Biochemistry
- Biology
- Biology with Teaching
- Biophysics
- Data Science with Genomics and Bioinformatics Concentration
- Ecology, Evolution and Biodiversity
- Genomic Medicine
- Genomic Medicine with Pre-Medicine Concentration
- Integrative Genetics and Genomics
- Natural Sciences with Biology Concentration
- Neuroscience: Cellular and Molecular

Campus Location: Main

Undergraduate Contact Information

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Susan Varnum, Faculty Advisor for Natural Sciences Majors
Senior Associate Dean for Undergraduate Affairs and Science Education
Minor Requirements

Students interested in acquiring basic knowledge in biology but not wishing to major in the subject may pursue a minor by successful completion of the following courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1111</td>
<td>Introduction to Organismal Biology</td>
<td>4</td>
</tr>
<tr>
<td>or BIOL 1911</td>
<td>Honors Introduction to Organismal Biology</td>
<td></td>
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<tr>
<td>Select one of the following:</td>
<td></td>
<td></td>
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<tr>
<td>BIOL 1112</td>
<td>Introduction to Biomolecules, Cells and Genomes</td>
<td>4</td>
</tr>
<tr>
<td>or BIOL 1912</td>
<td>Honors Introduction to Biomolecules, Cells and Genomes</td>
<td></td>
</tr>
<tr>
<td>BIOL 2112</td>
<td>Introduction to Cellular and Molecular Biology</td>
<td></td>
</tr>
<tr>
<td>or BIOL 2912</td>
<td>Honors Introduction to Cellular and Molecular Biology</td>
<td></td>
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<tr>
<td>Three additional upper-level Biology electives numbered 2200 or higher (see course descriptions for exceptions); at least one of these electives must have a laboratory component</td>
<td>10</td>
<td></td>
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</tbody>
</table>

Total Credit Hours: 18

**Note:** Grades of C- or higher are required unless otherwise specified in all courses for the minor, including course prerequisites. The College of Science and Technology requires that students have a GPA of at least 2.00 overall and at least 2.00 in the courses applicable to their major and/or minor GPA to graduate. Please consult a Biology departmental advisor when choosing the three additional courses to ensure that prerequisites have been satisfied.

A minimum of 18 credits in Biology is required for the minor.

**Residency Requirements:** At least 3 Biology courses required for the minor must be completed at Temple.