## Biology, Bachelor of Arts

### Requirements

#### Biology Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1450</td>
<td>Biology I</td>
<td>5</td>
</tr>
<tr>
<td>BIOL 1750</td>
<td>Biology II</td>
<td>5</td>
</tr>
<tr>
<td>BIOL 2140</td>
<td>Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3340</td>
<td>Ecology</td>
<td>4</td>
</tr>
</tbody>
</table>

The remaining 18 elective credits in biology should be chosen in consultation with a Biology advisor and must include at least 14 credits from BIOL 3000-4000 level courses, including at least one lab course (in addition to BIOL 3340). Up to three credits of BIOL 4030, up to three credits of either BIOL 4050 or BIOL 4800 and one credit of BIOL 4040 can be included. BIOL 3150 may not be used to satisfy the requirement for 3000-4000 level biology credits. Courses at the 1000-2000 level are restricted to:

- BIOL 2440: The Biology of Microorganisms
- BIOL 2740: Human Physiology and Anatomy I
- BIOL 2840: Human Physiology and Anatomy II

#### Chemistry Requirements

Select one of the following required chemistry sequences:

14-16 credits

- **Sequence 1:**
  - CHEM 1140: Fundamentals of College Chemistry
  - & CHEM 1144: Fundamentals of College Chemistry Laboratory
- **Sequence 2:**
  - CHEM 1180: General Chemistry I
  - & CHEM 1184: General Chemistry I Laboratory
  - CHEM 1190: General Chemistry II
  - & CHEM 1194: General Chemistry II Laboratory
  - CHEM 2250: Organic Chemistry I
  - CHEM 2260: Organic Chemistry II
  - CHEM 2274: Organic Chemistry Laboratory

#### Required Lecture and Lab Coursework in Physics

Select one of the following pairings or groupings:

5-10 credits

- **Option 1:**
  - PHYS 1050: Introduction to Physics
  - & PHYS 1054: Introduction to Physics Laboratory

- **Option 2:**
  - PHYS 1110: General Physics I with Algebra
  - & PHYS 1154: General Physics Laboratory I

- **Option 3:**
  - PHYS 1120: General Physics
  - & PHYS 1164: General Physics Laboratory II

- **Option 3:**
  - PHYS 2110: General Physics I - Calculus Level
  - & PHYS 1154: General Physics Laboratory I

### Additional Requirements

One approved course in statistics from the following options:

- BIOL 4110, STAT 3000, PSYC 3130, SOC 2130

One approved math or computer science course from the following options: MATH 1220, 1320, 1330, 1360, 1940, 1950; CSCI 1200 or above

**Total Credits:** 61-71

For a B.A., the college requires completion of a foreign language through the intermediate level.