### Bachelor of Science (B.S.) Degree with Major in Biology

#### Sample Four-Year Plan Starting in Odd Year

<table>
<thead>
<tr>
<th>First Year Fall (Odd Year)</th>
<th>First Year Spring (Even Year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 1144 Plant &amp; Animal Diversity</td>
<td>BIO 1124 Cell Biology</td>
</tr>
<tr>
<td>CHM 1124 General Chemistry I</td>
<td>CHM 1134 General Chemistry II</td>
</tr>
<tr>
<td>COR 1002 Gateway Seminar</td>
<td>EGL 1023 English II: Literary Analysis/Research</td>
</tr>
<tr>
<td>EGL 1013 English I: Composition</td>
<td>MTH 1123 Survey of Calculus</td>
</tr>
<tr>
<td><strong>Total Hours 15</strong></td>
<td><strong>Total Hours 14</strong></td>
</tr>
</tbody>
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<tr>
<th>Second Year Fall (Even Year)</th>
<th>Second Year Spring (Odd Year)</th>
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</thead>
<tbody>
<tr>
<td>BIO 2184 Ecology &amp; Evolution</td>
<td>BIO 2174 Genetics</td>
</tr>
<tr>
<td>HST 2013 Integrated Humanities</td>
<td>HST 2023 Integrated Humanities II</td>
</tr>
<tr>
<td><strong>Total Hours 16</strong></td>
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<tr>
<th>Third Year Fall (Odd Year)</th>
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<tbody>
<tr>
<td>BIO 3302 Field Experience</td>
<td>BBL 2013 Essentials of Evangelical Theology</td>
</tr>
<tr>
<td>BIO 4 Biology Elective</td>
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<td><strong>Total Hours 15</strong></td>
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<tr>
<td>BBL 2022 Essentials of Christian Formation</td>
<td>BIO 4 Biology Elective</td>
</tr>
<tr>
<td>BIO 4 Biology Elective</td>
<td>BIO 4501 Biology Capstone</td>
</tr>
<tr>
<td><strong>Total Hours 15</strong></td>
<td><strong>Total Hours 14</strong></td>
</tr>
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</table>

#### Total Hours for Four Years: 120

### Biology Electives

- BIO 3101 Biology Teaching Practicum (Upon request)
- BIO 3144 Marine Biology (Spring, even yrs.)
- BIO 3174 Molecular Cell Biology (Fall, even yrs.)
- BIO 3201 Cadaver Dissection (Fall)
- BIO 3334 Microbiology (Spring)
- BIO 3514 Human Anatomy (Fall)
- BIO 3524 Human Physiology (Spring)
- BIO 3614 Virology (Fall, even yrs.)
- BIO 4103 Bioethics (Spring, even yrs.)
- BIO 4121-4 Selected Topics in Biology
- BIO 4221-3 Biological Research (Every)
- BIO 4310 Biology Internship
- CHM 3164 Biochemistry I (Fall)
# Bachelor of Science (B.S.) Degree with Major in Biology

## Sample Four-Year Plan Starting in Even Year

### First Year Fall (Even Year)
- BIO 1144 Plant & Animal Diversity
- CHM 1124 General Chemistry I
- COR 1002 Gateway Seminar
- EGL 1013 English I: Composition
  - 2 Whole Person Wellness Elective
  - Total Hours 15

### Second Year Fall (Odd Year)
- BBL 1013 Old Testament Survey
- BIO 2184 Ecology & Evolution
- HST 2013 Integrated Humanities I
  - 3 Social/Behavioral Sci. (SBS) Elective
  - 3 Elective
  - Total Hours 16

### Third Year Fall (Even Year)
- BIO 3302 Field Experience
- BIO __4__ Biology Elective
  - 3 Arts & Humanities (AH) Elective
  - 3 Elective
  - 3 Elective
  - Total Hours 15

### Fourth Year Fall (Odd Year)
- BBL 2022 Essentials of Christian Formation
- BIO __4__ Biology Elective
  - 3 SBS or AH Elective (see above)
  - 3 Elective
  - 3 Elective
  - Total Hours 15

### First Year Spring (Odd Year)
- BIO 1124 Cell Biology
- CHM 1134 General Chemistry II
- EGL 1023 English II: Literary Analysis/Research
- MTH 1123 Survey of Calculus
  - Total Hours 14

### Second Year Spring (Even Year)
- BBL 1023 New Testament Survey
- BIO 2174 Genetics
- HST 2023 Integrated Humanities II
- MTH 2103 Applied Statistics for Scientists
  - 3 Elective
  - Total Hours 16

### Third Year Spring (Odd Year)
- BBL 2013 Essentials of Evangelical Theology
- BIO __4__ Biology Elective
- BIO __4__ Biology Elective
  - 3 Elective
  - 1 Elective
  - Total Hours 15

### Fourth Year Spring (Even Year)
- BIO __4__ Biology Elective
- BIO 4103 Bioethics (or GSC 4133)
- BIO 4501 Biology Capstone
  - 3 Intercultural Engagement Elective
  - 3 Elective
  - Total Hours 14

**Total Hours for Four Years: 120**

### Biology Electives

- BIO 3101 Biology Teaching Practicum (Upon request)
- BIO 3144 Marine Biology (Spring, even yrs.)
- BIO 3174 Molecular Cell Biology (Fall, even yrs.)
- BIO 3201 Cadaver Dissection (Fall)
- BIO 3334 Microbiology (Spring)
- BIO 3514 Human Anatomy (Fall)
- BIO 3524 Human Physiology (Spring)
- BIO 3614 Virology (Fall, even yrs.)
- BIO 4103 Bioethics (Spring, even yrs.)
- BIO 4121-4 Selected Topics in Biology
- BIO 4221-3 Biological Research (Every)
- BIO 4310 Biological Internship (Every)
- CHM 3164 Biochemistry I (Fall)