BIOLOGY (B.A. OR B.S.)

To graduate in this program, students must earn a minimum grade of "C" in BIOL 114, BIOL 115, and BIOL 115L. Required course work includes the university requirements (see regulation J-3 (https://catalog.uidaho.edu/general-requirements-academic-procedures/j-general-requirements-baccalaureate-degrees/#j3)) and:

**Code** | **Title** | **Hours**
---|---|---
BIOL 114 | Organisms and Environments | 4
BIOL 115 | Cells & the Evolution of Life | 3
BIOL 115L | Cells and the Evolution of Life Laboratory | 1
BIOL 213 | Principles of Biological Structure and Function | 4
BIOL 300 | Survey of Biochemistry | 3-4
or BIOL 380 | Biochemistry I | 1
BIOL 310 | Genetics | 3
BIOL 312 | Molecular and Cellular Biology | 3
BIOL 313 | Molecular and Cellular Laboratory | 1
BIOL 314 | Ecology and Population Biology | 4
BIOL 315 | Genetics Lab | 1
BIOL 400 | Seminar | 1-16
BIOL 421 | Advanced Evolution/Population Dynamics | 3
CHEM 111 | General Chemistry I | 3
CHEM 111L | General Chemistry I Laboratory | 1
CHEM 112 | General Chemistry II | 3
CHEM 112L | General Chemistry II Laboratory | 2
CHEM 277 | Organic Chemistry I | 3
CHEM 278 | Organic Chemistry I: Lab | 1
MATH 170 | Calculus I | 4
STAT 251 | Statistical Methods | 3
or STAT 301 | Probability and Statistics | 3
Select one of the following Senior Experience courses | | 2
BIOL 401 | Undergraduate Research (Max 8 credits) | 
BIOL 405 | Practicum in Anatomy Laboratory Teaching (Max 8 credits) | 
BIOL 407 | Practicum in Biology Laboratory Teaching (Max 12 credits) | 
BIOL 408 | Practicum in Human Physiology Laboratory Teaching (Max 8 credits) | 
BIOL 411 | Senior Capstone | 
Select one of the following: | | 3
ENGL 207 | Persuasive Writing | 
ENGL 208 | Personal & Exploratory Writing | 
ENGL 317 | Technical Writing | 
Select one of the following: | | 4
PHYS 111 & 111L | General Physics I and General Physics I Lab | 
PHYS 211 & 211L | Engineering Physics I and Laboratory Physics I | 
Select one of the following: | | 4
PHYS 112 & 112L | General Physics II and General Physics II Lab | 
PHYS 212 & 212L | Engineering Physics II and Laboratory Physics II | 
Select 14 credits of approved electives | | 14
Total Hours | | 78-94

**Biology B.A. Students must also complete:**

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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tr>
<td></td>
<td>Two humanities courses in addition to the minimum university-wide general education requirements</td>
<td>6</td>
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<tr>
<td></td>
<td>One Social Science course in addition to the minimum university-wide general education requirements</td>
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<td>0-16 credits in a foreign language</td>
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<td><strong>Total Hours</strong></td>
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<td>9-25</td>
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1. Courses satisfying the humanities requirement are those dealing with the arts, literature, and philosophy. Courses satisfying the social science requirement are those courses dealing with a person’s social condition including social relations, institutions, history, and participation in an organized community. Refer to online degree audit system through Web registration system or your academic advisor for a listing of appropriate courses.

2. Foreign Languages 0-16 credits (zero-four courses) competence in one foreign language equivalent to that gained by the completion of four semesters of college courses through the intermediate level. This requirement may be satisfied by the completion of either of the following options

   1. 16 credits or four high-school units in one foreign language, or
   2. 12 credits in one foreign language, and one three-credit course in literature translated from the same language. The 12 credits may be satisfied by three high-school units in one foreign language.

Courses to total 120 credits for this degree