

BIOLOGY

Faculty

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Students who are planning to enroll in biology courses should consider the following: A maximum of four semester hours credit may be applied toward graduation by completing both BIOL 1000 and BIOL 1010.

Associate of Science Degree Biology

This degree program is intended for students who plan to continue their education beyond the associate degree. It provides a curriculum which is broad based in the biological sciences and helps students meet the requirements for a variety of other degree programs. It is the recommended major for students planning to pursue a 4-year biology degree on the Casper College campus via the UW/CC program. It is also advised for students who desire to pursue baccalaureate and/or graduate education in the biological sciences.

(Recommended Curriculum)

General Education (Minimum 32 hours) Credits
General education coursework can be completed from within or outside of the major field of study.

1. Exploration and Participation
Included in the major requirements below
2. Communication
ENGL 1010 English I: Composition 3
ENGL 1020 English II: Composition 3
3. Relationship with the World
Human behavior 3
U.S. and Wyoming constitutions 3
Cultural environment 3
4. General Education Electives
Must be chosen from areas 1, 2, or 3 above.
5. Physical Education 1

Major Requirements

- BIOL 1000 Introduction to Biology I or
- BIOL 1010 General Biology I 4
- BIOL 2022 Animal Biology 4
- BIOL 2023 Plant and Fungal Biology 4
- CHEM 1025 Chemistry I 3
- CHEM 1028 Chemistry Laboratory I 1
- CHEM 1035 Chemistry II 3
- CHEM 1038 Chemistry Laboratory II 1
- Mathematics 6-10
- MOLB 2210 General Microbiology 4
- PHYS 1110 General Physics I 4
- PHYS 1120 General Physics II 4
- *Biological sciences electives 9

* Biological sciences electives may be chosen from sophomore to senior level courses at the direction of the academic advisor.

Students who wish to study ecology should major in biology.

A minimum of 64 approved semester hours are required for graduation. For specific graduation requirements see "Academic Policies" and "Degree Requirements."

Associate of Science Degree Wildlife Management

The curriculum is designed to provide students with an array of experiences in the biological sciences, including exposure to plant and vertebrate biology in a variety of field settings, and access to a departmentally operated greenhouse and vertebrate museum.

This is a transfer degree.

(Recommended Curriculum)

General Education (Minimum 32 hours) Credits
General education coursework can be completed from within or outside of the major field of study.

1. Exploration and Participation
Included in the major requirements below
2. Communication
ENGL 1010 English I: Composition 3
ENGL 1020 English II: Composition 3
3. Relationship with the World
Human behavior 3
U.S. and Wyoming constitutions 3
Cultural environment 3
4. General Education Electives
Must be chosen from areas 1, 2, or 3 above.
5. Physical Education 1

Major Requirements

- BIOL 1000 Introduction to Biology I or
- BIOL 1010 General Biology I 4
- BIOL 2022 Animal Biology or
- BIOL 2023 Plant and Fungal Biology 4
- BIOL 2400 General Ecology 3
- BIOL 2410 Field Ecology 2
- CHEM 1025 Chemistry I 3
- CHEM 1028 Chemistry Laboratory I 1
- CHEM 1035 Chemistry II 3
- CHEM 1038 Chemistry Laboratory II 1
- Mathematics 6-10
- *Biological science elective 4
- Electives 16

*Biological science electives may be chosen from sophomore to senior level courses at the direction of the academic advisor.

A minimum of 64 approved semester hours are required for graduation. For specific graduation requirements see "Academic Policies" and "Degree Requirements."

ONLY COURSES NUMBERED 1000 OR ABOVE CAN BE USED TOWARD THE ASSOCIATE OF ARTS, ASSOCIATE OF SCIENCE, ASSOCIATE OF BUSINESS, ASSOCIATE OF FINE ARTS AND ASSOCIATE OF APPLIED SCIENCE DEGREES.