

Biology, B.A.

303-556-3213 Science Building 2042

Catalog 10-11

This sheet applies to the 2010-2011 catalog *only*. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors *must* work with a faculty advisor on course selection and sequencing to ensure a timely graduation.

General Studies	33 min	Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.
Major courses	40	
Minor	18 min	
Required Non-Biology	5	
Electives	24	
Total to graduate (min. 40 hrs upper division)	120 min	

GENERAL STUDIES

Composition

- ENG1010-3 Freshman English: The Essay
- ENG1020-3 Freshman English: Anal., Rsrch. & Docum.

Mathematics

- MTH1112-4 College Algebra through Modeling (recommended)
- or MTH 1110-4 College Algebra

Communications

-3

Historical

-3

Arts & Letters

-3

-3

Social Sciences

-3

-3

Natural Sciences

- CHE 1100-4 Principles of Chemistry
- CHE 1150-1 Principles of Chemistry Lab

NOTE: A one-hour deviation is allowed, provided the student has completed at least 33 semester hours of General Studies courses.

Multicultural Requirement

(*may be satisfied within General Studies, major, minor or elective*)

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MAJOR COURSES

- BIO 1080-3 General Biology I
- BIO 1090-1 General Biology Lab I
- BIO 1081-3 General Biology II
- BIO 1091-1 General Biology Lab II
- BIO 3600-4 General Genetics (check catalog for prereqs.)

Select two of these options:

- Option 1: BIO 2100-5 General Botany
- Option 2: BIO 2400-5 General Microbiology
- Option 3: BIO 2310-4 and BIO 2320-4 Human Anatomy & Physiology I & II
- Option 4: BIO 3050-4 Cell and Molecular Biology
- Option 5: Either BIO 3200-4 Invertebrate Zoology or BIO 3260-4 Vertebrate Zoology

Select one of the following:

- BIO 4510-4 Microbial Ecology (Senior Experience)
- BIO 4540-4 Plant Ecology (Senior Experience)
- BIO 4550-4 Animal Ecology

Biology Electives – Biology courses selected from the 2000, 3000, and 4000-level series, and approved by faculty advisors in the Biology Department, must be completed to bring the total of biology courses approved for the major to 40 semester hours. At least 21 semester hours of the major must be upper-division Biology.

- CHE 2100-5 Intro to Organic & Biological Chemistry (or equivalent-see department)

MINOR (required)

A 3 hour Senior Experience is required if not taken in the Major; see approved selections and prerequisites.