Biology, B.A.
303-556-3213 Science Building 2042

General Studies
Major courses 40
Minor 18 min
Required Non-Biology 5
Electives 24
Total to graduate (min. 40 hrs upper-division) 120 min

MAJOR COURSES (Please see a Faculty Advisor)
___ BIO 1080 (3 hrs.) General Biology I
___ BIO 1090 (1 hrs.) General Biology Lab I
___ BIO 1081 (3 hrs.) General Biology II
___ BIO 1091 (1 hrs.) General Biology Lab II
___ BIO 3600 (4 hrs.) General Genetics (check catalog for prereqs.)

Select two of these options:
___ Option 1: BIO 2100 (5 hrs.) General Botany
___ Option 2: BIO 2400 (5 hrs.) General Microbiology
___ Option 3: BIO 2310 (4 hrs.) and BIO 2320 (4 hrs.)
               Human Anatomy & Physiology I & II
___ Option 4: BIO 3050 (4 hrs.) Cell and Molecular Biology
___ Option 5: Either BIO 3200 (4 hrs.) Invertebrate Zoology or
               BIO 3260 (4 hrs.) Vertebrate Zoology

Select one of the following:
___ BIO 4510 (4 hrs.) Microbial Ecology (Senior Experience)
___ BIO 4540 (4 hrs.) Plant Ecology (Senior Experience)
___ BIO 4550 (4 hrs.) Animal Ecology (Senior Experience)

Biological 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 hrs.) Intro to Organic & Biological Chemistry
   (or equivalent-see department)

___ Multicultural Requirement
   (may be satisfied within General Studies, major, minor or elective)

MINOR (required)

ELECTIVES

This sheet applies to the 2012-13 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.

*TO BE COMPLETED WITHIN FIRST 30 COLLEGE-LEVEL CREDIT HOURS

Written Communication
___ ENG 1010 (3 hrs.) Freshman English: The Essay*
or
___ ENG 1008/1009 (6 hrs.) Freshman Comp: The Essay Part I & II*
___ ENG 1020 (3 hrs.) Freshman English: Anal.,Rsrch.& Docum.
   (must be completed within 45 credit hours)

Quantitative Literacy*
___ MTH 1112 (4 hrs.) College Algebra through Modeling
   (recommended though not required)

Oral Communication*
___ (3 hrs.)

Arts and Humanities
___ (3 hrs.)
___ (3 hrs.)

Historical
___ (3 hrs.)

Natural and Physical Sciences
___ CHE 1100 (4 hrs.) Principles of Chemistry
___ CHE 1150 (1 hrs.) Principles of Chemistry Lab
   A 1 hr. deviation is allowed provided student has 33 hrs. of General Studies.

Social and Behavioral Sciences I
___ (3 hrs.)

Social and Behavioral Sciences II
___ (3 hrs.)

Global Diversity
___ (3 hrs.) may be satisfied within General Studies