

Biology, B.A.

Catalog 11-12

This sheet applies to the 2011-12 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	
Major courses	40	Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.
Minor	18 min	
Required Non-Biology	5	
Electives	24	
Total to graduate (min. 40 hrs upper division)	120 min	

GENERAL STUDIES LEVEL I Complete during your first 30 hours at Metro

Composition

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

Mathematics

- ___ -3 MTH1112-4 College Algebra through Modeling (recommended though not required)

Communications

- ___ -3

GENERAL STUDIES LEVEL II

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*)
- ___ -3

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.

ELECTIVES