

Suggested Four-Year Plan of Study BIOLOGY/CHEMISTRY



Environmental Biology B.S. (Bachelor of Science)

FRESHMAN YEAR

Fall Semester	15 Credits
BIOL 1800	General Biology I..... (4)
CHEM 1300	General Chemistry I*..... (4)
ENGL 1100	Writing I.....(3)
MATH 1300	Precalculus..... (4)

* General Chemistry requires a 'passing' score on Advanced Algebra and Functions Accuplacer placement exam OR successful completion of MATH 0500 (Algebraic Preparation) prior to enrollment. To continue as a Biology major, students must earn a grade of 2.0 or higher in General Biology I and General Chemistry I.

Spring Semester	14 Credits
BIOL 1900	General Biology II..... (4)
CHEM 1400	General Chemistry II..... (4)
ENGL 1200	Writing II.....(3)
MATH ≥ 1300	Math Elective**.....(3)

**Applied Statistics is recommended as the second math course.

JUNIOR YEAR

Fall Semester	16-17 Credits
BIOL ≥2000	Biology Elective..... (3-4)
PHYS 2300	General Physics I..... (4)
	LA&S Elective.....(3)
	LA&S Elective.....(3)
	Free Elective.....(3)

Spring Semester	16 Credits
BIOL 3100	Conservation Biology.....(3)
PHYS 2400	General Physics II..... (4)
	LA&S Elective.....(3)
	LA&S Elective.....(3)
	Free Elective.....(3)

LA&S Elective List

- 1 AOM attribute (Art or Music)
- 1 ART attribute (the Arts)
- 1 CTW attribute (Citizenship & The World)
- 3 credits HAF attribute (Health/Fitness)
- 1 HIST subject (History)
- 1 HMN attribute (Human Behavior)
- 1 LIT attribute (Literature)

Advanced LA&S Options Area

The four required courses in Chemistry fulfill the 12-credit Option B of the LA&S Advanced Curriculum Requirement.

An Independent Study or Internship may count as 1 elective but is not required.

Global Diversity Area

Two courses must meet the Global Diversity (GD) requirement. The GD courses may also satisfy other LAS requirements at the same time.

Biology Electives

A total of 5 biology electives is required, one of which must be designated as a Capstone course.

SOPHOMORE YEAR

Fall Semester	14 Credits
BIOL 2300*** OR 2800	Ecology (OR Genetics)..... (4)
CHEM 2000	Organic Chemistry I..... (4)
GEOG ≥2000	From Cluster 1****.....(3)
	LA&S Elective.....(3)

*** BIOL 2300 Ecology is only taught in the fall semester.

Spring Semester	17 Credits
BIOL 2800	Genetics..... (4)
CHEM 2100	Organic Chemistry II..... (4)
GEOG ≥2000	From Cluster 2****.....(3)
	LA&S Elective.....(3)
	LA&S Elective.....(3)

**** At least one course must come from Cluster 1 consisting of GEOG 2100, GEOG 2500, GEOG 3110 ★, or GEOG 4600 ★. Another course must come from Cluster 2 consisting of GEOG 2400, GEOG 3120, GEOG 3300, GEOG 4000 ★, or GEOG 4500 ★.
(★ These courses have prerequisites that must be completed prior to enrolling in them.)

SENIOR YEAR

Fall Semester	16-17 Credits
BIOL ≥2000	Biology Elective..... (3-4)
BIOL ≥3000	Biology Elective (Capstone Course)..... (4)
	Free Elective.....(3)
	Free Elective.....(3)
	Free Elective.....(3)

Spring Semester	12-18 Credits
BIOL ≥2000	Biology Elective OR Independent Study / Internship..... (3-6)
BIOL ≥2000	Biology Elective..... (3-4)
	Free Elective.....(3)
	Free Elective.....(3)

Completion of 120 credits required for graduation.

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