

Suggested Four-Year Plan of Study

BIOLOGY/CHEMISTRY



Biology B.A. (Bachelor of Arts)

FRESHMAN YEAR

Fall Semester	15 Credits
ENGL 1100	Writing I(3)
CHEM 1300	General Chemistry I* (4)
BIOL 1800	General Biology I (4)
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	14-15 Credits
ENGL 1200	Writing II(3)
CHEM 1400	General Chemistry II..... (4)
BIOL 1900	General Biology II.....(4)
MATH ≥ 1300	Math Elective** (3-4)

** Either Applied Statistics or Calculus I is recommended as the second math course.

JUNIOR YEAR

Fall Semester	15-17 Credits
BIOL ≥2000	Biology Elective..... (3-4)
	PHYS Elective*** (3-4)
	Foreign Language(3)
	LA&S Elective(3)
	Free Elective(3)

*** PHYS Elective must be one of the following: PHYS 1100, PHYS 2300, or PHYS 2600.

Spring Semester	15-17 Credits
BIOL ≥2000	Biology Elective..... (3-4)
BIOL ≥2000	Biology Elective..... (3-4)
	Foreign Language(3)
	LA&S 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

Must be developed in consultation with the student's academic advisor and transmitted to the Registrar.

Foreign language proficiency at the intermediate level required for Bachelor of Arts candidates.

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.

SOPHOMORE YEAR

Fall Semester	17 Credits
BIOL 2300	Ecology (4)
CHEM 2000	Organic Chemistry I..... (4)
	Foreign Language Elective(3)
	LA&S Elective(3)
	LA&S Elective(3)

Spring Semester	16 Credits
BIOL 2800	Genetics..... (4)
	GEOG Elective.....(3)
	Foreign Language Elective(3)
	LA&S Elective(3)
	LA&S Elective(3)
	Free Elective(3)

SENIOR YEAR

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

Spring Semester	13 Credits
BIOL ≥2000	Biology Elective (Capstone) (4)
	Free Elective(3)
	Free Elective(3)
	Free Elective(3)

NOTES:

1. One of the 6 required BIOL electives must also be designated as a capstone, and one other BIOL elective could be replaced with the two-semester sequence in Anatomy and Physiology (BIOL 1200-1300)
2. The total number of credits comes to 120-124. Student must choose at least one of the >2000-level BIOL electives with lab in order to meet the minimum requirement of 36 credit hours in BIOL courses. The number of free electives may vary to meet the 120-credit minimum for graduation requirement.
3. For the LA&S Advanced option, students are encouraged to choose option A: 6 credits in a single foreign language, and 6 credits from a single discipline outside of the student's first major, at the 2000 level or above of LA&S courses (either from a recognized LA&S discipline or LA&S designated courses from a discipline that is not recognized as LA&S).

Completion of 120 credits required for graduation.

Rev. 07-2021