

Suggested Four-Year Plan of Study BIOLOGY/CHEMISTRY



Neuroscience and Behavior B.S. (Bachelor of Science)

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 Credits
ENGL 1200	Writing II(3)
CHEM 1400	General Chemistry II (4)
BIOL 1900	General Biology II (4)
PSY 1100	Introduction to Psychological Science.....(3)

JUNIOR YEAR

Fall Semester	16-17 Credits
BIOL ≥2000	Biology Elective** (3-4)
PHYS 2300	General Physics I (4)
PSY 3500	Psychology of Learning
OR PSY 3550	OR Cognition(3)
	Free Elective(3)
	Free Elective(3)

Spring Semester	13-14 Credits
BIOL ≥2000	Biology Elective (3-4)
PHYS 2400	General Physics II (4)
	LA&S Elective(3)
	Free Elective(3)

**At least two of the five Biology electives must be selected from the following: BIOL 2600 Animal Behavior, BIOL 2250 Cell Biology, BIOL 3550 Developmental Biology, or BIOL 4700 Animal Physiology.

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.

SOPHOMORE YEAR

Fall Semester	17 Credits
BIOL 2300** OR 2800	Ecology (OR Genetics) (4)
CHEM 2000	Organic Chemistry I (4)
MATH ≥1300	Math Elective(3)
	LA&S Elective(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)
BIOL 2650	Neuroscience(3)
	LA&S Elective(3)
	LA&S Elective(3)

SENIOR YEAR

Fall Semester	15-17 Credits
BIOL ≥2000	Biology Elective (3-4)
BIOL ≥2000	Biology Elective (3-4)
	LA&S Elective(3)
	LA&S Elective(3)
	Free Elective(3)

Spring Semester	13 Credits
BIOL ≥3000	Biology Elective (Capstone) (4)
	Free Elective(3)
	Free Elective(3)
	Free Elective(3)

Completion of 120 credits required for graduation.

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