

Suggested Four-Year Plan of Study BIOLOGY AND CHEMISTRY



Biology B.A. (Bachelor of Arts)

FRESHMAN YEAR

Fall Semester		14 Credits
ENGL 1100	Writing I.....	3
BIOL 1800	General Biology I*	4
CHEM 1300	General Chemistry I* (SI)	4
FYE 1015	First Year Experience.....	3
* General Chemistry requires a 'passing' score on Advanced Algebra and Functions Accuplacer 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		15 Credits
ENGL 1200	Writing II.....	3
BIOL 1900	General Biology II.....	4
CHEM 1400	General Chemistry II (PL)	4
MATH 1300	Precalculus	4

JUNIOR YEAR

Fall Semester		15-17 Credits
BIOL ≥2000	Biology Elective	3-4
	PHYS Elective***	3-4
	Foreign Lang. Elective (Intermediate 1) (AIA).....	3
	Gen Ed/Exploration.....	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 Elective (Intermediate 2)	3
	Gen Ed/Exploration.....	3
	Free Elective	3

General Education: Foundation

3 credits Reading and Information Literacy (R and IL): First Year Experience
3 credits Writing (W): Writing I
3 credits Writing and Information Literacy (W and IL): Writing II
3 credits Quantitative Reasoning (QR) (MATH)
3 credits World Languages, Speaking and Listening (WS)

General Education: Exploration

3 credits Civic Learning (CV)
3 credits Diverse Perspectives (DP)
3 credits Ethical Reasoning (ER)
3 credits Fine Arts Expression and Analysis (FA)
3 credits Historical Inquiry and Analysis (HI)
3 credits Literary Inquiry and Analysis (LI)
3 credits Personal Wellness (PW)
3 credits Procedural and Logical Thinking (PL)
3 credits Scientific Inquiry and Analysis (SI)

General Education: Integration

9 credits AIA (3 of which must be Integrative High Impact Practice - IHIP)
OR
Minor (professional majors completing a minor or second major must include at least 9 credits in LA&S disciplines for that minor)

General Education: MAJ

There may be major courses that have been approved to fulfill up to 3 General Education requirements (at least 9 credits). Varies by major and concentration.

Suggested 4-year plan of study. Completion of 120 credits required for graduation.

SOPHOMORE YEAR

Fall Semester		17-18 Credits
BIOL 2300	Ecology	4
CHEM 2000	Organic Chemistry I (AIA)	4
MATH ≥1300**	Math Elective (QR)	3-4
	Gen Ed/WS	3
	Foreign Lang. Elective (Beginning 1)	3
** Applied Statistics (MATH 1700) or Calculus I (MATH 2300) is recommended to fulfill the QR requirement.		
Spring Semester		16 Credits
BIOL 2800	Genetics	4
	GEOG Elective.....	3
	Foreign Language Elective (Beginning 2)	3
	Gen Ed/Exploration.....	3
	Gen Ed/Exploration	3

SENIOR YEAR

Fall Semester		15-17 Credits
BIOL ≥2000	Biology Elective	3-4
BIOL ≥2000	Biology Elective	3-4
	Gen Ed/Exploration.....	3
	Gen Ed/Exploration.....	3
	Free Elective	3
Spring Semester		13 Credits
BIOL ≥3000	Biology Elective (Capstone) (IHIP)	4
	Gen Ed/ Exploration	3
	Free Elective	3
	Free Elective	3