

Sample Schedule Biology B.S. 2023-2024

The Biology B.S. fulfills the R and L

Fall Semester		Spring Semester	
Freshman Year	Cr.	Freshman Year	Cr.
BIOL 111	4	BIOL 112	4
BIOL 160	2	ENGL 112	3
ENGL 111	3	REAL Elective	3
REAL Elective (or CHEM 111; or CHEM 100, if needed based on ALEKS math placement) ¹	3	REAL Elective (or CHEM 112; or CHEM 111, if CHEM 100 in fall) ¹	3-4
MATH 125, 138, or MATH 168	3-4	Optional: Additional REAL Elective	(3)
	15-16		14-16
Sophomore Year	Cr.	Sophomore Year	Cr.
BIOL 222	3	BIOL Elective ³	3-4
CHEM 111, CHEM 112, or CHEM 301 ^{1,2}	4	CHEM 112 or CHEM 302 ^{1,2}	4
300-400 Writing Intensive or REAL Elective	3	STAT 219 (preferred) or STAT 200	3
BIOL 340	3	REAL Elective	3
Optional: Additional REAL Elective	(3)	Optional: Additional REAL or BIOL Elective	(3)
	13-16		13-16
Junior Year	Cr.	Junior Year	Cr.
CHEM 301	4	CHEM 302	4
BIOL Elective ³	4	BIOL Elective ³	3-4
BIOL Elective and/or BIOL research ³	3-4	BIOL Elective and/or BIOL research ³	3-4
REAL Elective	3	REAL Elective	3
Optional: Additional REAL Elective	(3)	Optional: Additional REAL Elective	(3)
	14-16		14-16
Senior Year	Cr.	Senior Year	Cr.
BIOL 460	2	BIOL Electives and/or BIOL research ³	4-12
BIOL Elective and/or BIOL research ³	4-8	BIOL 460 (if BIOL 160 not taken)	2
REAL Elective	3	REAL or Free Elective	3-6
REAL or Free Elective	3	Credits to reach 120 (as needed)	
	14-16		14-16

¹ CHEM 111-112 sequence may be started in Year 1 or Year 2. Year 1 suggested for pre-med students

² CHEM 112 & CHEM 301 may be taken concurrently

³ 28 credits of BIOL electives, BIOL research (up to 6 cr), or approved electives required for Biology major

Recommended REAL Minors for Biology Majors:

[Social Justice Minor \(E, A\)](#)

[International Studies Minor \(E, A\)](#)

[Culture Studies Minor \(E, A\)](#)

[Interdisciplinary Minor in Health and Aging \(E, A\)](#)

[Global Perspectives Minor \(A\)](#)

[Conservation Law Enforcement Minor \(A\)](#)

[Women's and Gender Studies Minor \(A\)](#)

[Public Health Minor \(A\)](#)

[Recreation, Parks and Tourism Minor \(A\)](#)

[Sport Management Minor \(A\)](#)

[Criminal Justice Minor \(A, L\)](#)

[Anthropological Sciences Minor \(R, A\)](#)

[Ethics Minor \(E\)](#)

[GIS, Remote Sensing, and Visualization Minor \(E\)](#)

[Health Humanities Minor \(E\)](#)

[Honors Minor Humanistic or Artistic Expression \(E\)](#)

[Professional Writing Minor \(E\)](#)

[Wicked Problems Minor \(E, L\)](#)

[Science Communication \(R, E\)](#)

[Science and Values \(R, E\)](#)