

Biology: Cell and Molecular – Bachelor of Science

FRESHMAN YEAR

Fall Semester	16-18 Hours
UNIV 1001/1113 Intro to Univ Life/Study Strats	(1/3)
ENGL 1113 English Composition I	(3)
MATH 1513 College Algebra (or higher).....	(3)
BIOL 1364/1364L Principles of Biology I/Lab	(4)
CHEM 1364/1 General Chemistry I/Lab.....	(5)

Spring Semester	16 Hours
ENGL 1213 English Composition II.....	(3)
MATH 1613 Plane Trigonometry (or higher)	(3)
BIOL 1474/1474L Principles of Biology II/Lab	(4)
CHEM 1474/1 General Chemistry II/Lab	(5)
General Education Health and Wellness	(1)

JUNIOR YEAR

Fall Semester	16 Hours
General Education Humanities-Aesthetics	(3)
BIOL 2124/2124L Microbiology/Lab	(4)
BIOL 3174/3174L Molecular Biology/Lab.....	(4)
PHYS 1115/1115L Physics I/Lab	(5)
BIOL 2881 Biology Seminar (!).....	(1)

Spring Semester	16 Hours
General Education Humanities-Diversity.....	(3)
BIOL 2144/2144L Botany/Lab.....	(4)
BIOL 4174/4174L Cell Biology/Lab	(4)
PHYS 1215/1215L Physics I/Lab	(5)

^M Denotes Minimum Grade Needed for Course

! Denotes Critical Course

This is a recommended semester-by-semester plan of study for this major. Course offerings are subject to change based on enrollment. However, courses or requirements designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

Graduation Requirements Summary

Minimum Total Hours for Graduation	124
Minimum Upper-Division Hours	40
Minimum Gen Ed Hours	44
Minimum Liberal Arts Hours	55
Minimum Major GPA	2.000
Minimum Overall GPA	2.000

SOPHOMORE YEAR

Fall Semester	15 Hours
COMM 1113 Principles of Communication.....	(3)
MIS 2113 Fundamental MIS Tools and Skills.....	(3)
BIOL 2154/2154L Zoology/Lab.....	(4)
CHEM 3314/3314L Organic Chemistry I/Lab	(4)
General Education Health and Wellness.....	(1)

Spring Semester	15 Hours
HIST 1483/1493 U.S. History to/since 1865	(3)
General Education Behavioral Science.....	(3)
BIOL 3014/3014L Genetics/Lab	(4)
CHEM 3324/3324L Organic Chemistry II/Lab	(4)
General Education Health and Wellness.....	(1)

SENIOR YEAR

Fall Semester	16 Hours
General Education Economics.....	(3)
Upper Division Biology Elective	(4)
CHEM 4403 Biochemistry I	(3)
PS 1113 American Federal Government.....	(3)
Upper Division General Elective.....	(3)

Spring Semester	15 Hours
Upper Division Biology Electives	(8)
CHEM 4413 Biochemistry II.....	(3)
BIOL 4901 Biology Capstone (!)	(1)
General Elective	(3)