

Santa Clara University
COLLEGE OF ARTS & SCIENCES
Course Planning Sheet for Biology Majors

Students are personally responsible for knowing all academic regulations affecting their program of study and for completing all degree requirements as set forth by the University, their College or School, and academic department(s). Failure to understand these regulations and requirements does not relieve a student from responsibility. (Undergraduate Bulletin)

NAME _____
 STUDENT ID _____

EXPECTED GRADUATION DATE _____
 EMAIL ADDRESS _____

University Core Requirements (2009)

Foundations

Critical Thinking and Writing 1 _____
 Critical Thinking and Writing 2 _____
 (will be automatically enrolled in same section after completion of CT&W1)
 Cultures and Ideas 1 _____
 Cultures and Ideas 2 _____
 (automatically enrolled in same section after completion of C&I1)
 Religion, Theology, and Culture 1 _____
 Second Language _____
 (complete 2nd introductory level of Language [including Latin and Ancient Greek], or equivalent by proficiency exam)
 Mathematics _____ (MATH 35/11)

Explorations

Ethics _____
 Civic Engagement _____
 Diversity _____
 Arts _____
 Natural Science w/ Lab _____ (CHEM 11)
 Social Science _____
 Religion, Theology, and Culture 2 _____
 Religion, Theology, and Culture 3 _____
 (after 88 units)
 Science, Technology, and Society _____
 Cultures & Ideas 3 _____

Integrations

Experiential Learning for Social Justice _____*
 Advanced Writing _____*
 Pathway Title: _____
 Pathway Course 1 _____
 Pathway Course 2 _____
 Pathway Course 3 _____
 Pathway Course 4 _____

*Can overlap with other Core or a Major requirement.

BIOLOGY Major Requirements

Lower Division: Introductory Classes

BIOL 1A _____
 BIOL 1B _____
 BIOL 1C _____
 CHEM 11 _____
 CHEM 12 _____
 CHEM 31 _____
 CHEM 32 _____
 CHEM 33** _____
 PHYS 11/31 _____
 PHYS 12/32 _____
 PHYS 13/33 _____
 MATH 35 (or 11) _____
 MATH 36 (or 12) _____

Upper Division:

BIOL 101 _____
 UD BIOL with lab _____
 UD BIOL with lab _____
 UD BIOL with lab _____
 UD BIOL with lab _____
 UD BIOL with lab _____
 UD BIOL elective*** _____
 UD BIOL elective*** _____

**If pursuing a graduate degree that requires 1 full year of inorganic chemistry, students should also take CHEM 50 to fulfill this requirement

***UD BIOL elective classes may be with lab or without lab

Students are advised to take at least one upper-division course each from one of five biological “concepts” categories identified by Vision and Change in Undergraduate Biology Education: Evolution, Information Flow, Structure-Function, Systems, and Transformations of Energy and Matter. Students are also advised to take at least one upper-division course that focuses on the use of modeling and simulation to solve biological problems. Approved upper division Biology courses, along with the categories they satisfy, are listed on the back page of this document.

COURSE PLAN

	FALL	WINTER	SPRING	SUMMER (optional)
First Year				
Sophomore				
Junior				
Senior				