

Recommended Course Plan Physiology Concentration, B.S. Biology

This is a sample four-year plan for students who arrive at SFSU with all of the appropriate prerequisites. In this plan, students will take 8-10 units of coursework for their major every semester. The order of some courses can be changed, but some cannot (due to pre-requisites) – check the *SFSU Bulletin* or with an advisor to be sure. You should fill out the remainder of the schedule with GE courses as needed.

This sample course plan is based on the current *SFSU Bulletin* (2005-2006), requiring 38-39 units of lower division course work and 29-31 units of upper division courses for 67-70 total units. The course plan is not a substitute for consulting with a Physiology Advisor to develop your final course plan.

COURSES	UNITS	COURSES	UNITS
Semester 1		Semester 2	
¹ Math 226 (Calculus I)	4	Math 124 (Elem Stats) or Math 227 (Calculus II) or Biol 458 (Biometry)	3 4 4
Phys 111/112 (Physics I/Lab)	4	Phys 121/122 (Physics II/Lab)	4
Semester 3		Semester 4	
Biol 230 (Intro Biol I & Lab)	5	Biol 240 (Intro Biol II & Lab)	5
Chem 115 (Gen Chem I & Lab)	5	² Chem 130 (Gen Org Chem)	3
Semester 5		Semester 6	
Biol 350 (Cell Biology)	3	Biol 355 (Genetics)	3
Chem 215/216 (Gen Chem II/Lab)	5	Chem 340 (Biochem I) or Chem 349 (Gen Biochem)	3 3
Semester 7		Semester 8	
Physiology Core Course(s)	X	Physiology Core Course(s)	X
Physiology Elective(s)	X	Physiology Elective(s)	X

¹Students unprepared to take Math 226 should consider taking one or more of the following: Algebra I (Math 60), Algebra II (Math 70), Pre-Calculus (Math 109). This scenario will require shifting some courses in the schedule.

²Students who plan to apply to a health profession school (medical school, dental school, pharmacy school, etc.), should take two semesters of Organic Chemistry with lab (Chem 333/334 and Chem 335/336) instead of General Organic Chemistry (Chem 130). This scenario will require shifting some courses in the schedule.