

**CALIFORNIA STATE UNIVERSITY, STANISLAUS
DEPARTMENT OF BIOLOGICAL SCIENCES**

ZOOLOGY CONCENTRATION

Biological Sciences electives must total 10 to meet minimum major requirement. To fulfill the requirements of the Zoology concentration, a minimum of 16 upper division units must be completed in Zoology, and include courses in vertebrate zoology, invertebrate zoology or entomology, and two additional courses (one if animal physiology is elected in the physiology requirement). ZOO 4230 recommended.

Select at least one course from each of the following groups:

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| <p>a. ZOO 3610 General Vertebrate Zoology, 4 units
 ZOO 4620 Herpetology, 4 units
 ZOO 4630 Ornithology, 4 units
 ZOO 4640 Mammalogy, 4 units</p> <p>c. ZOO 4230 Animal Physiology, 4 units
 ZOO 4280 Physiology of Human Systems, 4 units</p> | <p>b. ZOO 4420 Invertebrate Zoology I, 4 units
 ZOO 4430 Invertebrate Zoology II, 4 units
 ENTO 3000 Principles of Entomology, 4 units</p> |
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A SAMPLE PROGRAM FOR THE B.S. DEGREE IN THE BIOLOGICAL SCIENCES

FALL SEMESTER	WINTER TERM	SPRING SEMESTER
Freshman Year		
	Electives.....4	
BIOL 1050.....4		BIOL 1150.....4
CHEM 1100.....5		CHEM 1110.....5
MATH or G.E.		MATH or G.E.
Electives.....4-5		Electives.....4-5
Total Units 13-14		Total Units 13-14
Sophomore Year		
	Electives...4	
BIOL 3310.....3		BIOL 3350.....3
PHYS 2100 or		PHYS 2110 or
CHEM 3010, 3012...4-5		CHEM, PHYS or
G.E. Electives.....6		Math Electives.....4-5
		G.E. Electives.....6
Total Units 13-14		Total Units 13-14
Junior Year		
	Electives...4	
Animal or Plant		Animal or Plant
Science.....4		Science.....4
Biol. Sci. Elective...4-5		Biol. Sci. Electives.....6
CHEM 3010, 3012 or		PHYS 2110 or CHEM
PHYS 2100.....4-5		Electives.....4-5
Total Units 12-14		Total Units 14-15
Senior Year		
	Electives...4	
Ecol. or Physiol.....4		Ecol. or Physiol.....4
Biol. Sci. Elective.....4		Electives.....9
G.E. Electives.....3		
Elective.....3		
Total Units 14		Total Units 13

Refer to the current university catalog for General Education (G.E.) and Math requirements. Many professional schools require a full year of calculus.