

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

**A SAMPLE PROGRAM  
FOR THE B.A. DEGREE IN THE BIOLOGICAL SCIENCES**

The degree Bachelor of Arts is designed to provide breadth and background in the natural sciences and to allow sufficient flexibility to accommodate the diverse needs of the general student. Persons preparing for careers in such areas as agriculture, industry, and elementary teaching will find this degree adaptable to their career objective.

FALL SEMESTER	WINTER TERM	SPRING SEMESTER
<b>Freshman Year</b>		
BIOL 1050.....4 <sup>a</sup> MATH or G.E. Electives.....8 Total Units 12	G.E.Elective.....3	BIOL 1150.....4 <sup>b</sup> CHEM 1100.....5 MATH or G.E. Electives.....4-5 Total Units 13-14
<b>Sophomore Year</b>		
Animal or Plant Science..... 4-5 CHEM, 1110.....5 G.E. Electives.....5-6 Total Units 14-16	G.E. Elective.....3	Animal or Plant Science.....4-5 Biol.Sci.Elective.....4 G.E. Electives.....5 <sup>c</sup> BIOL 4960 .....1 Total Units 14-15
<b>Junior Year</b>		
BIOL 3310.....3 Biol. Sci. Electives...3-4 <sup>d</sup> CHEM 3010, 3012...4-5 G.E. Elective.....3 Total Units 13-15	G.E. Elective.....3	BIOL 3350.....3 Biol. Sci. Electives...4-6 G.E. Electives.....5-6 Total Units 12-15
<b>Senior Year</b>		
Ecol. or Physiol.....4 Biol. Sci. Electives...3-4 G.E. Elective.....3 Advanced Genetics.....2 Total Units 12-13	Biol. Electives...2-4	Ecol. or Physiol.....4 Biol. Sci. Electives...3-4 G.E. Electives..... 6 Total Units 13-14

**NOTE: Refer to the current university catalog for General Education (G.E.) and Math requirements.**

<sup>a</sup> It is highly recommended that students complete their 'area A' general education requirements their first year

<sup>b</sup> Students are advised to delay taking this course until completion of Math 1070 (College Algebra) or equivalent

<sup>d</sup>Organic Chemistry I is required for all biology majors. Organic Chemistry II is not required but highly recommended, especially for pre-professional students, as well as students interested in fields such as genetics, cell biology, or microbiology.

<sup>c</sup>BIOL 4960 is not required but highly recommended. This class may be repeated for no more than 2 elective units.