

biological orientation to the environmental sciences, and in marine biology through offerings at the Moss Landing Marine Laboratories; the Functional Biology option provides an in-depth coverage of physiology and cellular biology; options in Botany, Microbiology, and Zoology serve as preparation for careers and graduate work in these specialties. The biology major consists of 40 to 44 units, depending upon the option, of which a minimum of 24 units must be upper division. Students must be reasonably prepared in inorganic and organic chemistry, mathematics through introductory calculus, and statistics. Those students planning to pursue graduate work in biology should consult with their advisor and review the entrance requirements of the graduate school of their choice regarding additional requirements in foreign language, physics, mathematics, and special requirements in biology.

See bachelor of science degree in microbiology.

To complete a biology major for the bachelor of arts degree, students must complete the biology core, one of the options listed below, and additional requirements in related fields as specified in the selected option.

<b>Biology Core:</b>	<i>Units</i>
Bot 1 or equivalent .....	3-5
Zool 1 or equivalent.....	3-5
Biol 120, 130, 140.....	7
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### **BIOLOGY MAJORS**

Complete one of the following options:

**Biological Science** Students must include a minimum of 6 ud Botany units and 6 ud Zool-Ent-Phy units in this option.

Biology Core .....	13-17
Micro 91 or 104 .....	3-5
Select a minimum of one course from each of the following categories:	
A. Biol 125, 133; Bot 107; Zool 138, 175; M Sci 103 .....	3-4
B. Biol 160, 180; Bot 104, 137; Ent 110; Phy 140, 170; Micro 161, 189; M Sci 123.....	3-4
C. Bot 106, 134, 135, 136; Ent 101; Zool 103, 113, 114; M Sci 111, 121, 131 .....	3-4
Biological Science electives .....	6-15
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*Additional requirements:* Chem (including organic); Math 70 or 75; Math 105 or Psych 142.

### **Botany**

Biology Core .....	13-17
Upper division electives selected from Biol, Micro, Zool-Ent-Phy courses.....	6
Botany 104 .....	4
Select a minimum of one course from each of the following categories:	
A. Bot 106, 107 .....	3-4
B. Bot 134, 136, 137 .....	4
C. Bot 135, 140, 142; M Sci 131 .....	3-4
Additional Botany electives .....	1-7
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*Additional requirements:* Chem (including organic); Math 70 or 75; Math 105 or Psych 142.