BIOLOGICAL SCIENCES, MINOR

College of Biological Sciences

The Biological Sciences minor provides an opportunity for students in programs outside of the College of Biological Sciences to complement their studies with a concentration in biology. Student in the minor experience the breadth of biology by taking courses in five core areas: molecular biology/biochemistry, animal biology, plant biology, microbiology and ecology/evolution.

Departments of Evolution & Ecology; Microbiology & Molecular Genetics; Molecular & Cellular Biology; Neurobiology, Physiology, & Behavior; and Plant Biology

Faculty Advisor
Lesilee Rose, Ph.D.

Advising
Information on the Biological Sciences major or minor can be obtained at the Biology Academic Success Center (BASC) (http://basc.ucdavis.edu/) in 1023 Sciences Laboratory Building; 530-752-0410.

Restrictions
A course can only be used once to fulfill minor requirements if it can be used to fulfill more than one group.

Only one course used to satisfy a requirement for the minor may be applied toward a student's major.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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<tr>
<td>Complete at least 3 units from each of the five numbered groups to total at least 18 units. Appropriate alternative courses may be used with approval of the faculty advisor.</td>
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1) Genetics, Molecular Biology or Biochemistry
   - BIS 101 Genes & Gene Expression
   - BIS 102 Structure & Function of Biomolecules
   - BIS 105 Biomolecules & Metabolism

2) Animal Physiology, Behavior or Development
   - EVE 107 Animal Communication
   - MCB 150 Developmental Biology
   - NPB 100 Neurobiology
   - NPB 101 Systemic Physiology
   - NPB 102 Animal Behavior
   - NPB 107 Cell Signaling in Health & Disease
   - NPB 117 Avian Physiology
   - NPB 123/APC 100 Comparative Vertebrate Organology
   - NPB 141 Physiological Adaptation of Marine Organisms (Discontinued)

3) Microbiology
   - Mic 102 Introductory Microbiology
   - Mic 162 General Virology
   - Mic 170 Yeast Molecular Genetics
   - PLP/PLB 148 Introductory Mycology

4) Plant Biology
   - PLB 105 Developmental Plant Anatomy
   - PLB 111 Plant Physiology
   - PLB 112 Plant Growth & Development
   - PLB 113 Molecular & Cellular Biology of Plants
   - PLB/PLS 116 Plant Morphology & Evolution
   - PLB/MCB 126 Plant Biochemistry

5) Evolution & Ecology
   - BIS 122 Population Biology & Ecology
   - ESP 100 General Ecology
   - EVE 100 Introduction to Evolution
   - EVE 101 Introduction to Ecology
   - EVE 105 Phyllogenetic Analysis of Vertebrate Structure
   - EVE 112 Biology of Invertebrates
   - EVE 115 Marine Ecology
   - EVE 131 Human Genetic Variation & Evolution
   - EVE 138 Ecology of Tropical Latitudes
   - EVE 140 Paleobotany
   - EVE 147 Biogeography
   - PLB/PLS 102 California Floristics
   - PLB/EVE 108 Systematics & Evolution of Angiosperms
   - PLB/EVE 117 Plant Ecology
   - PLB/EVE 119 Population Biology of Invasive Plants & Weeds
   - PLB 143 Evolution of Crop Plants
   - PLB/PLP 148 Introductory Mycology

Additional courses (if necessary) from above numbered groups to reach 18 units.

Total Units: 18