## 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. Students 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 Katherine Esau Science Hall (formerly 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.

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<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** (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

### 5) Evolution & Ecology
- **BIS 122** Population Biology & Ecology
- **ESP 100** General Ecology
- **EVE 100** Introduction to Evolution
- **EVE 101** Introduction to Ecology
- **EVE 105** Phylogenetic 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 (Discontinued)
- **PLB/EVE 108** Systematics & Evolution of Angiosperms (Discontinued)
- **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