**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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<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>
<td>18</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

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<tr>
<td>PLB 111</td>
<td>Plant Physiology</td>
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<tr>
<td>PLB 112</td>
<td>Plant Growth &amp; Development</td>
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<tr>
<td>PLB 113</td>
<td>Molecular &amp; Cellular Biology of Plants</td>
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<tr>
<td>PLB/PLS 116</td>
<td>Plant Morphology &amp; Evolution</td>
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<tr>
<td>PLB/MCB 126</td>
<td>Plant Biochemistry</td>
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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 |