PLANT BIOLOGY, MINOR

College of Biological Sciences

The Plant Biology minor explores plants and their dynamic means of interacting with the environment. The Plant Biology minor has an 18 unit minimum requirement. Four areas of specialization are offered—(a) Anatomy & Morphology, (b) Physiology & Development, (c) Evolution & Ecology, and (d) Biochemistry & Molecular Genetics—with a small, strategic course selection per area.

Faculty Advisor
Philipp Zerbe, Ph.D.

Advising
Biology Academic Success Center (BASC) (https://basc.biology.ucdavis.edu/) in 1023 Katherine Esau Science Hall (formerly Sciences Laboratory Building; 530-752-0410).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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<td>Only one course used to satisfy a requirement for the minor may be applied toward a student’s major. Upper division units, including at least one course from each of the following four groups:</td>
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(a) Anatomy & Morphology

- EVE 140 Paleobotany
- PLB 105 Developmental Plant Anatomy
- PLB/PLS 116 Plant Morphology & Evolution

(b) Physiology & Development

- PLB 111 Plant Physiology
- PLB 112 Plant Growth & Development
- PLB/ENT/PLP 123 Plant-Virus-Vector Interaction
- PLP 130 Fungal Biology & Disease

(c) Evolution & Ecology

- EVE 100 Introduction to Evolution
- PLB/PLS 102 California Floristics (Discontinued)
- PLB/EVE 108 Systematics & Evolution of Angiosperms (Discontinued)
- PLB/EVE 117 Plant Ecology
- PLB 143 Evolution of Crop Plants

(d) Biochemistry & Molecular Genetics

- BIT 160 Principles of Plant Biotechnology
- PLB 113 Molecular & Cellular Biology of Plants
- PLB/MCB 126 Plant Biochemistry
- PLS 152 Plant Genetics
- PLS 154 Introduction to Plant Breeding
- PLS 171 Principles & Practices of Plant Propagation
- PLS 172 Biology and Quality of Harvested Crops

Total Units: 18