

EVOLUTION, ECOLOGY AND BIODIVERSITY



Study the variation and distribution of living organisms alongside faculty who are world-renowned ecologists and who welcome participation in their ongoing research projects.

You will also have access to the Bodega Marine Laboratory, a study center on California's central coast, where you can take courses toward your degree while working alongside visiting marine biologists from around the world. Evolution, ecology and biodiversity majors are well prepared for research; teaching or service careers in the life sciences; and graduate programs in ecology, evolutionary biology or the health sciences.



UC DAVIS

COLLEGE OF BIOLOGICAL SCIENCES

WITH A DEGREE IN EVOLUTION, ECOLOGY AND BIODIVERSITY, YOU WILL BE ABLE TO:

- Describe the fundamental processes that cause or prevent adaptive evolution, speciation and extinction
- Describe the fundamental processes that promote species coexistence and lead to the maintenance of species diversity
- Describe the processes that increase or decrease biodiversity on both evolutionary and ecological time scales
- Apply quantitative models and data to the solution of problems in genetics, evolution and ecology
- Integrate fundamental principles of evolution and ecology to solve problems of interest to human societies

EVOLUTION, ECOLOGY AND BIODIVERSITY COURSE REQUIREMENTS:

Foundation courses: BIS 2ABC; MAT 17ABC or 21AB; CHE 2ABC; CHE 8AB or 118ABC; PHY 7ABC; STA 100

Depth subject courses: BIS 101, 102+103 or 105, 104; foundational courses in evolution and ecology

Select courses in biodiversity and advanced evolution and ecology; lab or fieldwork required; approved electives

Units required for B.A. degree: 76 to 80

Units required for B.S. degree: 104 to 111

FOR MORE INFORMATION:

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