

## Natural Resources



Photo credit: Natalea Schager

### HOW TO USE THIS MAP

Use this map to help plan and guide your experience at UC Berkeley, including academic, co-curricular, and discovery opportunities. Everyone's Berkeley experience is different and activities in this map are suggestions. Always consult with your advisors whenever possible for new opportunities and updates.

Visit [ue.berkeley.edu/majormaps](https://ue.berkeley.edu/majormaps) for the latest version of this major map.

### CONNECT WITH US

#### Cal Day

Come to UC Berkeley's annual **Open House** in April for information sessions, campus tours, special talks, and more.

#### Golden Bear Orientation

Join other students in the major for **new student orientation** before the start of your Berkeley studies.

#### Events

Attend department events with students, faculty, and staff. Visit [nature.berkeley.edu](https://nature.berkeley.edu) for news and updates.

### ADVISING

The Undergraduate Advisors for all Rausser College majors are located in the Office of Instruction and Student Affairs in 260 Mulford Hall.

Visit [nature.berkeley.edu/advising/meet-rausser-advisors](https://nature.berkeley.edu/advising/meet-rausser-advisors) for detailed office hours and appointment booking links. You may email general advising questions to [meb.ugrad@berkeley.edu](mailto:meb.ugrad@berkeley.edu).

# MOLECULAR ENVIRONMENTAL BIOLOGY

Bachelor of Science

Berkeley  
UNIVERSITY OF CALIFORNIA

### INTRODUCTION TO THE MAJOR

The **Molecular Environmental Biology (MEB)** major introduces students to the organization and function of biological organisms at the molecular, cellular, organismal, and ecological levels. Students learn how to apply biological principles to understand how organisms function in their environment.

MEB graduates acquire a broad foundation across a breadth of biological core areas, which gives them especially valuable scientific training. A classic pre-medical or pre-health science major, MEB prepares students well for graduate education in pre-health fields and in biological research, as well as a variety of careers related to biology and the environment.



Photo credit: Kimberly Cattarusa-Bernard

“ *Molecular Environmental Biology is a fantastic way to get a taste of everything Cal has to offer in terms of biology. Animals, insects, microbes, plants—you name it.* ”

– Jonathan Huang, MEB student

### STRUCTURE OF THE MEB MAJOR

The lower division coursework provides a strong foundation in biological principles, and the upper division areas introduce students to the organization and function of biological organisms at the molecular, cellular, organismal, and ecological levels.

The major also offers specialization through six Areas of Concentration: 1) animal health and behavior, 2) biodiversity, 3) ecology, 4) environmental and human health, 5) insect biology, and 6) global change biology.

### AMPLIFY YOUR MAJOR

- Apply to the **Sponsored Project for Undergraduate Research (SPUR)** program to pursue joint research with a faculty member.
- Conduct field research in French Polynesia through the **Moorea program**.
- Present your research at a Rausser College-sponsored **Poster Session**.

Berkeley

Rausser College of Natural Resources

260 Mulford Hall #3100  
Berkeley, CA 94720-3100  
[nature.berkeley.edu](https://nature.berkeley.edu)

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Bachelor of Science

DESIGN YOUR JOURNEY

