INTRODUCTION TO THE MAJOR

Students in the Integrative Biology Major (IB) gain a broad and deep knowledge of the biological sciences as well as an excellent foundation in the biology of organisms, populations, and communities. Our research spans hierarchical levels from molecules to ecosystems, incorporating many diverse disciplines to unravel the complexity of biology.

If you are interested in medicine and related health sciences, ecology and environmental sciences, or whole-organism biology, including the study of genetic, cellular, and morphological processes in animals and plants, then this is the major for you.

EMPHASES IN IB

Students majoring in Integrative Biology choose one of two emphases: Ecology, Evolution, and Organismal Biology (Emphasis 1) or Integrative Human Biology (Emphasis 2).

The lower division requirements are the same for all IB students, regardless of the emphasis. The upper division requirements differ slightly for the two emphases, but all students take lecture and lab or field lab classes from IB’s three groups: Evolution and Genetics; Ecology, Behavior, and Biodiversity; Structure, Function, and Human Health.

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 your peers in the campus-wide UC Berkeley orientation program for all new students.

Events
Attend department events with students, faculty, and staff. Visit ib.berkeley.edu for news and updates.

ADVISING

Visit the Undergraduate Advising Office in 3060 Valley Life Sciences Building for IB advising. Staff advisors are here to support you.

Junior and senior IB students also provide peer advising on the content of specific classes, help you to develop plans, and answer general questions about being a student at Cal.

Faculty advisors are also available by appointment to discuss courses, research, and the department as a whole.

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 vcue.berkeley.edu/majormaps for the latest version of this major map.

“ I love the variety of labs and classes available in Integrative Biology. ”

– Spring 2018 Graduate in IB

AMPLIFY YOUR MAJOR

- Engage in undergraduate research on a faculty-initiated project or your own research topic.
- Get teaching experience as an Undergraduate Student Instructor or DeCal facilitator.
- Expand your perspective through study abroad while satisfying major requirements.
**INTEGRATIVE BIOLOGY**

**Design Your Journey**

<table>
<thead>
<tr>
<th>FIRST YEAR</th>
<th>SECOND YEAR</th>
<th>THIRD YEAR</th>
<th>FOURTH YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explore your major</strong></td>
<td><strong>Connect and build community</strong></td>
<td><strong>Discover your passions</strong></td>
<td><strong>Engage locally and globally</strong></td>
</tr>
<tr>
<td>Visit the IB website to learn about studying IB at Berkeley. Familiarize yourself with major and college requirements. Meet with an IB peer advisor to discuss the variety of courses offered by IB, including IB 77 and Freshman and Sophomore Seminars.</td>
<td>Attend Calapalooza and explore student organizations such as DIBS. Form a study group and get tutoring in the Student Learning Center. Meet IB students at Golden Bear Orientation. Follow IB on Facebook, Instagram, and Twitter.</td>
<td>Visit the Office of Undergraduate Research and Scholarships to learn about research on campus. Explore new topics in student-facilitated DeCal courses. Develop skills by teaching math and science to K-12 students at the CalTeach Program.</td>
<td>Research study abroad programs. Explore volunteering opportunities on campus and in the Berkeley community (e.g., Cal Sports Medicine, Berkeley Free Clinic). Learn about community service with the Public Service Center.</td>
</tr>
<tr>
<td><strong>Reflect and plan your future</strong></td>
<td><strong>WHAT CAN I DO WITH MY MAJOR?</strong></td>
<td><strong>Jobs and Employers</strong></td>
<td><strong>Graduate Programs</strong></td>
</tr>
<tr>
<td>Use the Career Center’s Yearly Planner to guide your career path. Join Handshake and sign up for Career Mail to find Berkeley-specific internship opportunities and development workshops. Visit the Career Counseling Library.</td>
<td><strong>WHAT CAN I DO WITH MY MAJOR?</strong></td>
<td>Jobs and Employers</td>
<td>Graduate Programs</td>
</tr>
<tr>
<td><strong>Design Your Journey</strong></td>
<td><strong>WHAT CAN I DO WITH MY MAJOR?</strong></td>
<td>Jobs and Employers</td>
<td>Graduate Programs</td>
</tr>
<tr>
<td><strong>WHAT CAN I DO WITH MY MAJOR?</strong></td>
<td><strong>WHAT CAN I DO WITH MY MAJOR?</strong></td>
<td>Jobs and Employers</td>
<td>Graduate Programs</td>
</tr>
</tbody>
</table>

**WHAT CAN I DO WITH MY MAJOR?**

- Animal Biologist
- Biomedical Engineering
- Business
- Communication
- Computer Science
- Dentistry
- Ecology
- Education
- Evolution
- Genetics
- Law
- Medicine
- Molecular Biology
- Nursing
- Optometry
- Pharmacy
- Physical Therapy
- Public Health
- Veterinary Medicine

**Jobs and Employers**

- Analyst, Bank of America
- Biological Lab Aide, USDA
- Clinic Coordinator, Cal. Psychcare
- Clinical Research Coordinator, UCSF
- EMT, Lynch Ambulance
- Fellow, AmeriCorps
- Medical Fellow, East Bay Ophthalmol.
- Mental Health Couns., Finch Youth
- Naturalist, Camp SEA Laboratory
- Research Assist., Stanford
- Research Associate, Genentech
- Teacher, Teach for America
- Veterinary Assistant, VCA
- Visiting Nurse, Holistic Care

**Graduate Programs**

- Animal Biology
- Biomedical Engineering
- Business
- Communication
- Computer Science
- Dentistry
- Ecology
- Education
- Evolution
- Genetics
- Law
- Medicine
- Molecular Biology
- Nursing
- Optometry
- Pharmacy
- Physical Therapy
- Public Health
- Veterinary Medicine

**Examples gathered from the Career Destinations Survey of recent Berkeley graduates.**

**UPDATED LAST: 07/09/2019**