INTRODUCTION TO THE MAJOR

Students in the Integrative Biology (IB) major 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.

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.

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.
DESIGN YOUR JOURNEY

FIRST YEAR
- 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.

SECOND YEAR
- Check in with an IB staff advisor to discuss IB’s two emphases and to review your major requirements and declaration plan.
- Volunteer with IB at Cal Day.
- Plan now if you are considering a minor or summer minor.
- Sign up for IB's newsletter.

THIRD YEAR
- If still undeclared, visit the IB website to start the declaration process.
- Start upper-division courses (some are taught only once every other year).
- Expand your studies with an enrichment course or elective in another department.
- Check your Academic Progress Report (APR) and meet with an IB staff advisor and college advisor to ensure you are on track to fulfill all major, college, and campus requirements.

FOURTH YEAR
- Plan any post-grad exams (GRE, MCAT, etc).
- Ask professors for letters of recommendation;
- Conduct an interview for graduate school fairs.
- Attend professional association conferences.
- Attend IB's two emphases and to review your major, college, and campus requirements.

WHAT CAN I DO WITH MY MAJOR?

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.