

Photo credit: Fay Chang

## **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.

## **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**

**Staff advisors** are here to support you through remote and in-person appointments, plus drop-in advising options.

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 Berkeley.

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

## INTEGRATIVE BIOLOGY Bachelor of Arts

## **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.

# I love the variety of labs and classes available in Integrative Biology. >>

## **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.

Visit **ue.berkeley.edu/majormaps** for the latest version of this major map.

# Berkeley

Integrative Biology 3060 Valley Life Sciences Building #3140 Berkeley, CA 94720-3140 ib.berkeley.edu ibusso@berkeley.edu





Photo credit: Brian Lee

- Spring 2018 Graduate in IB

## **AMPLIFY YOUR MAJOR**

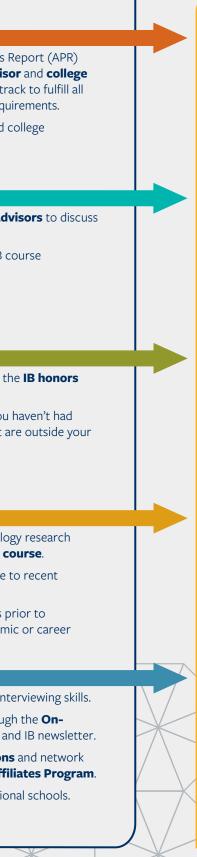
- Engage in **undergraduate research** on a faculty-initiated project or your own research topic.
- Get **teaching experience** in an IB course or as a DeCal facilitator..
- Expand your perspective through study abroad while satisfying major requirements.

# **INTEGRATIVE BIOLOGY** Bachelor of Arts

## **DESIGN YOUR JOURNEY**

**FIRST YEAR THIRD YEAR** SECOND YEAR FOURTH YEAR Explore Visit the IB website to learn about studying IB Check-in with an IB staff advisor to discuss If still undeclared, visit the IB website to start Check your Academic Progress Report (APR) your major the declaration process. and meet with an IB **staff advisor** and **college** at Berkeley. IB's two emphases and to review your major advisor to ensure you are on track to fulfill all requirements and declaration plan. Familiarize yourself with **major** and **college** Start upper division courses (some are taught major, college, and campus requirements. Volunteer with IB at **Cal Day**. requirements. only once every other year). Finish any remaining major and college Meet with an **IB peer advisor** to discuss the Plan now if you are considering a **minor** or Expand your studies with an **enrichment** requirements. variety of **courses** offered by IB, including IB 77 summer minor. course or elective in another department. and Freshman and Sophomore Seminars. Sign up for IB's newsletter. Connect Build your scientific community in IB 75: Attend IB department events, including Meet with a graduate student mentor as part of Meet with **faculty and staff advisors** to discuss and build Berkeley Connect's IB 198BC course. Discovering your Inner Biologist. socials and seminars. graduate school options. Go to office hours to build relationships with Attend Calapalooza and explore student Grow your study groups into communities of Apply to **teach** as part of an IB course organizations such as DIBS. professors and graduate student instructors. support. Form a study group and get tutoring at the Meet with **IB faculty** Apply for leadership positions in student Student Learning Center. organizations or start your own new club. Connect with a community of biology students Join IB on Facebook, Instagram, & Twitter. in the Biology Scholars Program. Give back by becoming an IB Peer Advisor Discover Visit the **Office of Undergraduate Research** Earn credit through undergraduate research Apply to summer research opportunities such If eligible, consider applying to the **IB honors** your passions and Scholarships to learn about research on opportunities for IB students. as the SURF Program and Haas Scholars program. campus. Program Explore unique fields such as Bioinspired Enroll in non-major courses you haven't had Design or Human Biological Variation. time to pursue or courses that are outside your Explore new topics in student-facilitated **DeCal** Apply for **fellowships** to fund your own comfort zone. courses. project. Assist in research through **URAP**. Develop skills by teaching math and science to Facilitate your own **DeCal course** on a topic Get involved with citizen science. K-12 students in the CalTeach Program. you are interested in or passionate about Engage Research **study abroad** programs. Apply for **NSF Research Experience for** Explore study abroad options that satisfy IB Develop your own tropical biology research locally and Undergraduates programs at schools around requirements. project as part of the Moorea course. Explore volunteering opportunities on campus the country. Apply for **fellowships** available to recent and in the Berkeley community (e.g., Cal Consider the **Alternative Breaks** program to Sports Medicine, Berkeley Free Clinic). go on service-learning trips over school breaks. Attend professional association conferences Berkeley graduates. for networking opportunities. Learn about community service opportunities Look into the Career Center's list of health Explore gap year opportunities prior to with the Public Service Center. volunteer opportunities. Consider international research or exchange embarking on your next academic or career programs like IB's Study Abroad in Norway. adventure. Reflect Use Berkeley Career Engagement's Yearly Build job search skills and confidence with Update **resume** and practice interviewing skills. Meet alumni in the Career Connections and plan career center workshops. Planner to guide your career path. Networking Series or shadow through the your future Find jobs and internships through the On-Cal Job Shadow Program Join Handshake and sign up for Career Explore post-grad options at career and Campus Recruiting program and IB newsletter. Mail to find Berkeley-specific internship Conduct Informational Interviews to learn graduate school fairs. Attend Employer Info Sessions and network opportunities and development workshops. more about different **career fields**, including Ask professors for letters of recommendation. through the MCB Industry Affiliates Program. those related to IB. Visit the Career Counseling Library Plan any post-grad exams (GRE, MCAT, etc). Apply to graduate and professional schools. Attend internship fairs.





## 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 First Destination Survey of recent Berkeley graduates.

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