



# The Berkeley - UCSF PhD in Bioengineering



**UCSF**  
Graduate Program in  
**Bioengineering**  
**Berkeley**  
UNIVERSITY OF CALIFORNIA

*Earn a Ph.D. in Bioengineering jointly from UC Berkeley and UC San Francisco, two of the top public universities in the world!*

- #4 in graduate program in bioengineering
- Unparalleled opportunities for basic and applied research in a variety of fields, from computational biology to tissue engineering, with over 130 faculty
- Access to labs and resources on both campuses
- Close ties with Lawrence Berkeley National Laboratory, Benioff Children's Hospitals, Gladstone Institutes, the Joint BioEnergy Institute, and more
- Active connections in the thriving Bay Area biotech community, including dozens of alumni startups
- Lively community of scholars and postdocs, including a retreat weekend each fall
- A diverse community, with easy access to Berkeley's gourmet food, San Francisco's culture and nightlife, beautiful Bay Area parks and waters, and nearby mountains and beaches



## Commitment to Diversity

Our universities are national leaders in diversity, equity, and inclusion, and we are committed to fostering a welcoming and supportive environment, invested in student success. We encourage women and students from historically underrepresented and/or disadvantaged backgrounds to apply.

## Admissions

*Applications are due November 30.* The program conducts one admission review per year for fall entry.

Application requirements include:

- Completed online Graduate Application
- Academic records of all college-level work
- Statement of Purpose
- Personal Statement
- Three letters of recommendation
- Resume
- Application Fee
- TOEFL test scores (for international students)
- GRE scores are optional

Applicants selected for on-campus interviews attend our visit weekend at both campuses in February.

Funding is provided to admitted students.



## Program Requirements

- An individualized plan of coursework to complete basic area requirements and meet learning goals
- Additional courses in pedagogy, ethics, and faculty research presentations
- Rotations in three research laboratories during the first year
- One term as a graduate student instructor
- Qualifying exam
- Dissertation research
- Exit talk presenting dissertation research

The logo for the University of California, Berkeley, featuring the word "Berkeley" in a large, white, serif font, with "UNIVERSITY OF CALIFORNIA" in a smaller, white, sans-serif font below it. The background is a photograph of the Berkeley campus at sunset, with the Sather Tower (Sather Gate) visible in the distance.

# Berkeley

UNIVERSITY OF CALIFORNIA

- #1 public university in the world
- Graduate students from 128 countries and all 50 U.S. states
- The most doctoral programs nationally ranked in the top five and ten
- Top producer of NSF Graduate Research Fellows and Ford Foundation Fellows, plus significant numbers of DOE and EPA's STAR Fellowships
- #2 university for entrepreneurs, over 1300 startups
- Shared research facilities: Advanced Light Source, 900 MHz NMR, Biomolecular Nanotechnology Center, Marvell Nanofabrication Laboratory, Genomics Sequencing Laboratory, MacroLab, Cryo Electron Microscopes, Stem Cell Center, and more!
- Notable entrepreneurship resources: Bakar BioEngenuity Hub, Center for Entrepreneurship and Technology, QB3 Garage, CITRIS Foundry, SkyDeck, PhD minor in Technology Entrepreneurship
- Campuswide emphasis on equity, the environment, and global health
- 95% of graduate alumni would pursue a doctoral degree at Berkeley again

- #1 education programs in bioscience, infectious disease, biochemistry, immunology, and molecular biology
- #3 medical school for research
- #1 hospital in Northern California
- #1 public recipient of funding from the National Institutes of Health (NIH), and #3 overall
- High faculty-student ratio
- Over 2000 active inventions and 200 startups
- Committed to health and service through over 100 community programs
- A wealth of research facilities: Viral Diagnostics and Discovery Center, IHG Genomics Facility, Single-Cell Analysis Center, Stem Cell Core, Biological Imaging Development Center, Neuroscape MRI Lab, Mass Spectrometry and Small Molecule Discovery Facilities, Nuclear Magnetic Resonance Lab...
- Unique entrepreneurship resources include the Clinical Translational Science Institute, Clinical Innovation Center, Institute for Computational Health Sciences, Catalyst Program, and others

The UCSF logo, consisting of the letters "UCSF" in a large, white, sans-serif font. The background is a photograph of the UCSF campus at night, with the city skyline visible in the distance.

# UCSF



## Post Graduation

After 40 years of training, our alumni community includes C-Suite leaders in large and small biotech companies, founders and inventors of pioneering technologies, and distinguished faculty at universities from Taiwan and Stanford to Brown and Georgia Tech.



[BioEGrad.Berkeley.edu](https://BioEGrad.Berkeley.edu)  
[bioe-grad@berkeley.edu](mailto:bioe-grad@berkeley.edu)