



Photo credit: Kevin Ho Nguyen

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

Events

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

ADVISING

Visit Engineering Student Services in 230 Bechtel for advising on academic difficulty, change of major/double majors/simultaneous degrees, withdrawal/readmission, degree completion, education abroad, academic progress, and petitions and exceptions. See engineering.berkeley.edu/students/advising-counseling/.

Contact the ES Undergraduate Advisor at engineering.science@berkeley.edu about registration, departmental policy, and campus resources. Meet with an ES Faculty Advisor about coursework, careers in ES, graduate school, letters of recommendation, and summer internships. See engineering.science.berkeley.edu/faculty/.

ENGINEERING SCIENCE Berkeley

UNIVERSITY OF CALIFORNIA

Bachelor of Science

INTRODUCTION TO THE MAJOR

The **Engineering Science** (ES) program is a multi-departmental and interdisciplinary undergraduate program that encompasses closely-related areas of the physical sciences, mathematics and engineering. Students in the ES program acquire knowledge of engineering methods and can pursue their interests in areas of natural science, as well as advanced study in engineering, science, or mathematics. Students choose one of four majors: energy engineering, engineering mathematics and statistics, engineering physics, or environmental engineering science. A minor in energy engineering is also offered.



Photo credit: ES Department

“The classes across a variety of departments have allowed me to take a very interdisciplinary approach to engineering. And the great community within this major has taught me how to work with a team.” – T.G. Mekenzi Roberts, Energy Engineering Science, Class of 2020

MAJOR OPTIONS

Energy Engineering interweaves the fundamentals of classical and modern physics, chemistry, and mathematics with energy engineering applications.

Engineering Mathematics and Statistics is the study of pure and applied mathematics as essential components of modern engineering.

Engineering Physics interweaves classical and modern physics, chemistry, and mathematics with their engineering applications.

Environmental Engineering pairs engineering fundamentals with courses in the environmental and natural sciences.

AMPLIFY YOUR MAJOR

- Get involved with a **student group** such as **Society of Engineering Sciences**.
- Apply to **GLOBE Ambassadors**, a learning and travel program for Engineering students.
- Pursue a **research opportunity** for Engineering students.
- Enrich your studies with a minor in **Energy and Resources** or **Sustainability**.

Berkeley

Engineering Science

750 Davis Hall #1720

Berkeley, CA 94720-1720

engineering.science.berkeley.edu

ENGINEERING SCIENCE DESIGN YOUR JOURNEY

Bachelor of Science

