



Photo credit: Sarah Wittmer

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 physics.berkeley.edu for news and updates.

ADVISING

Advising is available in 368 or 374 Physics North for all students who would like academic counseling related to physics. We can help maximize your educational experience! Students interested in the Physics major should come in for pre-major advising as soon as possible. Visit physics.berkeley.edu/administration/student-services for more information.

PHYSICS

Bachelor of Arts

Berkeley
UNIVERSITY OF CALIFORNIA

INTRODUCTION TO THE MAJOR

Physics is the study of the universe, from the very large (star formation, cosmic microwave background radiation) to the very small (nanotechnology, atomic cooling and trapping, string theory), and everything in between (biophysics, and the physics of solid state devices).

Students studying physics develop strong mathematical and analytical skills, good laboratory skills, effective written and oral communication skills, and a solid understanding of the fundamental laws that govern the universe.

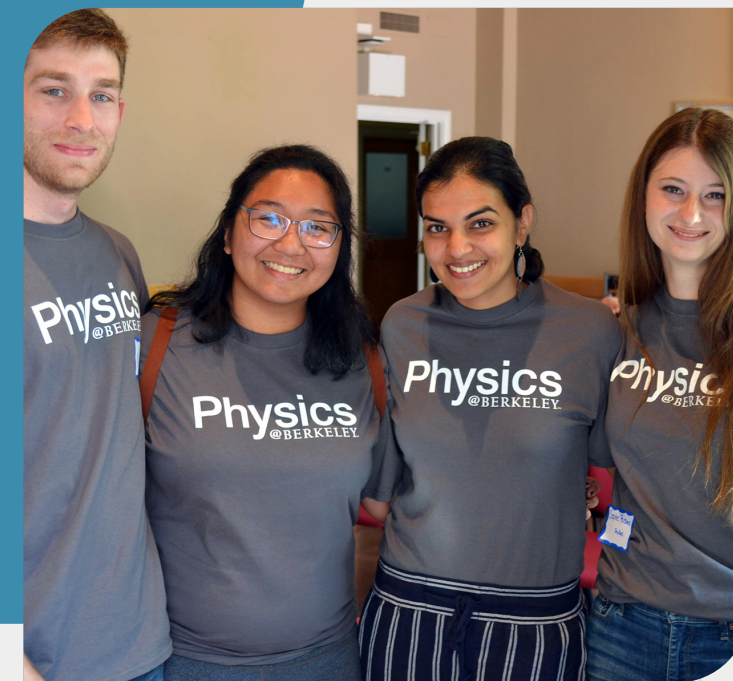


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“The physics skillset fosters acumen in modeling and understanding diverse systems, reducing complexity into intuition.”

– Physics Major

THE UNDERGRADUATE PROGRAM

Our undergraduate program begins with courses designed to help you build a strong foundation, regardless of your prior background in physics. Upper division work deepens your understanding of the basics while introducing more modern and advanced topics. The program culminates in our upper division lab course, where you have a unique opportunity among physics departments nationwide to choose from many different experiments, ranging from classic Nobel Prize winning work (e.g., Optical Pumping or the Mossbauer Effect), to areas of current research interest (nonlinear dynamics and laser manipulation of atoms, among others).

AMPLIFY YOUR MAJOR

- Join a **Physics student organization** to help build community and foster leadership.
- Transfer students: enroll in **PHYSICS 153** to connect to resources at Cal.
- Pursue opportunities for **research** with faculty and peers.
- Write an **honors thesis** or execute an independent study project.
- Add a **Teaching Concentration** to your major and join **CalTeach** to prepare for a career in education.

Berkeley

Physics

366 Physics North
Berkeley, CA 94720-7300
physics.berkeley.edu

PHYSICS

Bachelor of Arts

DESIGN YOUR JOURNEY

