INTRODUCTION TO THE MAJOR

Statisticians help to design data collection plans, analyze data appropriately, and interpret and draw conclusions from their analyses. The Statistics major provides a systematic and thorough grounding in applied and theoretical statistics as well as probability. The UC Berkeley Statistics department has particular strength in Machine Learning, a key ingredient of the emerging field of Data Science. Our department excels at interdisciplinary science. A Statistics Major from Berkeley is an excellent preparation for a career in science or industry, or for further academic study in a wide variety of fields.

AMPLIFY YOUR MAJOR

- Pursue the teaching emphasis in the major if you are interested in teaching statistics and mathematics.
- Participate in a data competition.
- Gain valuable teaching experience by becoming an UGSI.

STATISTICS BY THE NUMBERS

398 Statistics Majors in Spring 2019
49% Female Students
44.2% International Students
60% of Statistics Majors have another major*, the TOP 3 are:

- 33.7% Economics
- 25.8% Computer Science
- 14.0% Applied Math

*Statistics has had the highest percentage of students majoring in an additional major for the past 5 years.
Enroll in Statistics prerequisite courses and prepare for declaring your major.

- Form study groups with classmates.
- Start mapping out a 4-year plan of study.
- Review your major and college requirements.
- Join the Happenings Mailing List to receive the Statistics newsletter.

Join campus organizations like the Cal Actuarial League or Data Science Society.

- Connect with student government and co-curricular activities through the LEAD Center.
- Gain valuable teaching experience by becoming a Statistics UGSI.

Join a Reader, Tutor or Lab Assistant for the Statistics Department.

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- Join SUSA and SAAS to connect with Statistics majors.
- Engage in individual discussions with professors during office hours.

Discover student organizations at Calapalooza.

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- Get matched with a grad student mentor through Berkeley Connect or L&S Mentors Program.
- Utilize tutoring services at the SLC.
- Check out the Basic Needs Center and the Recalibrate website.

Plan for studying abroad and meet with a Study Abroad Advisor.

- Study abroad as a sophomore, junior, or senior with Berkeley Study Abroad.
- Join Bridging Berkeley to become a math mentor to middle schoolers.

Join CalTeach to explore a career in education.

- Teach your own DeCal course.
- Present a statistics research poster at Cal Day or a conference sponsored by the American Statistical Association.

Check the Office of Undergraduate Research and Scholarships to learn about research opportunities on campus.

- Find a mentor and connect with faculty who share your research interests.
- Apply for the Undergraduate Research Apprenticeship Program.
- Participate in a data competition.
- Start looking for research opportunities in statistics for summer or a later term.

Plan for a STEM Beyond Summer Internship.

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- Attend Job Search Essentials workshops.
- Explore post-graduation options at career and graduate school fairs.
- Attend events sponsored by the Statistics Department and its industry partners.

Apply to a major in the term when you are finishing your last prerequisites.

- Review upper division major requirements.
- If taking STAT 194, consider taking the Adjunct Course offered by SLC.
- Start designing your Statistics Applied Cluster.

Meet with a major advisor to check your progress.

- If you have an internship related to statistics, apply for STAT 197 credit.
- Pursue an emphasis in teaching.
- Consider doing a senior honors thesis.
- Transfers: Map out a 2-year plan of study.

Confirm university, campus, and L&S requirements by checking your Academic Progress Report.

- Join the Golden Bear Orientation Leader and welcome new students to the UC Berkeley campus and community.
- Apply to become an L&S peer advisor.
- Attend a seminar series hosted by the department to hear about the latest research in statistics.

Learn about alumni career paths in the Career Connections Networking Series.

- Conduct Informational Interviews to learn about different career fields.
- Get Career Center help for resumes, portfolios, and interviews.
- Attend internship fairs.

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Engage locally and globally.

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What can I do with my major?

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