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 degree from Berkeley is excellent preparation for a career in science or industry, or for further academic study in a wide variety of fields.

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.

ADVISING

Staff advisors are available for advising and to assist with enrollment issues during drop-in hours and by appointment. Refer to statistics.berkeley.edu/programs/undergrad/advising. Check in at the Statistics Front Office in 367 Evans Hall (3rd Floor) for in-person appointments.

For quick advising questions, email stat-ugrad@berkeley.edu. For enrollment issues, email stat-enrollments@berkeley.edu.

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
Attend a Statistics info session during the new student orientation week at the start of your Berkeley studies.

Events
Join the Happenings Mailing List to receive information about career fairs, jobs, and events related to the field of statistics.

STATISTICS
Bachelor of Arts

WHAT YOU WILL LEARN

Collecting, analyzing, and interpreting data is growing more important every year in nearly every field. Whether you go into business, academia, medicine, journalism, activism, or government, claims about data will profoundly influence your career and the world around you. The Statistics major helps students develop:

- Strong mathematical and critical thinking skills
- The ability to formulate real-world questions quantitatively
- Creative thinking for new kinds of problems
- Computing skills
- Communication and visualization skills

“Statistics has the perfect mix of theory and application and allows me to approach and solve real world problems.”

-- Statistics and French Double Major Alum

AMPLIFY YOUR MAJOR

- Consider the teaching emphasis in the major and join Calteach if interested in teaching statistics or mathematics at the secondary level.
- Participate in a data competition.
- Gain valuable experience as a Reader, Tutor or UGSI.
- Already have an intended major? Consider adding a Statistics minor.
**STATISTICS**  
*Bachelor of Arts*

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### FIRST YEAR
- **Explore your major**
  - 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.

### SECOND YEAR
- **Connect and build community**
  - Discover student organizations at Calapalooza.
  - 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.

### THIRD YEAR
- **Discover your passions**
  - Plan for studying abroad and meet with a Study Abroad Advisor.
  - Explore volunteering opportunities on campus.
  - Engage in community service through the Public Service Center.

### FOURTH YEAR
- **Engage locally and globally**
  - Study abroad as a sophomore, junior, or senior with Berkeley Study Abroad.
  - Join Bridging Berkeley to become a math mentor to middle schoolers.

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### WHAT CAN I DO WITH MY MAJOR?

- **Jobs and Employers**
  - Actuarial Analyst, Fidelity
  - Bioinformatics Programmer, UCSF
  - Business Analyst, Wells Fargo Bank
  - Consultant, Applied Predictive Tech.
  - Credit Analyst, Standard & Poor's
  - Data Analyst, Golden State Warriors
  - Data Scientist, Capital Group
  - Developer, SAP
  - Financial Analyst, Abbott Labs.
  - Product Technician, Elevance
  - Quant. Software Engineer, Two Sigma
  - Researcher, Stanford University
  - Software Engineer, Intuit
  - Staff Advisor, Ernst and Young LLP
  - Underwriting Analyst, AIG

- **Graduate Programs**
  - Artificial Intelligence and Robotics
  - Business Administration
  - Computational Mathematics
  - Computer Science
  - Data Science
  - Economics
  - Financial Engineering
  - Investments and Securities
  - Management Science & Engineering
  - Neurobiology
  - Physics
  - Quantitative Psychology
  - Statistics

*Examples gathered from the First Destination Survey of recent Berkeley graduates.*