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.

In reflecting on their experience, a graduate of Berkeley Statistics recently noted,

“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

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 5 are:
33.7% Economics
25.8% Computer Science
14.0% Applied Math
6.8% Business Administration
5.7% Data Science

*Statistics has had the highest percentage of students majoring in an additional major for the past 5 years.

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 Undergraduate Student Instructor.

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.

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

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 quick advising questions, email stat-ugrad@berkeley.edu.
For enrollment issues, email stat-enrollments@berkeley.edu.
FAQs: statistics.berkeley.edu/programs/undergrad/major/faq
Stat 001 Piazza Page: piazza.com/class/jua82oaaxcq1o6

HOW TO USE THIS MAP

Visit vcue.berkeley.edu/majormaps for the latest version of this major map.
**STATISTICS Bachelor of Arts**

**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.
  - Subscribe to 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.

- Discover your passions
  - Visit the Office of Undergraduate Research and Scholarships to learn about research opportunities on campus.
  - Take L&S 1 for an introduction to the College.
  - Explore the intersectionality of disciplines in a Big Ideas course.

- Engage locally and globally
  - 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.

- Reflect and plan your future
  - Use the Yearly Planner to guide your career path.
  - Visit the Statistics website and join Handshake to access career resources.
  - Set up a LinkedIn profile and start building your resume.
  - Shadow alumni in the Winter Externship Program.

**THIRD YEAR**
- Engage in community service through the Public Service Center.
  - Join CalTeach to explore a career in education.
  - Apply for fellowships to fund your own research project.
  - Apply to summer research opportunities, such as SURF Rose Hills/L&S and Haas Scholars Program.

**FOURTH YEAR**
- Explore opportunities prior to your next adventure.
  - Apply for a postgraduate fellowship.
  - Go on service trips over spring or winter break with the Alternative Breaks program.

**WHAT CAN I DO WITH MY MAJOR?**

**Jobs and Employers**
- Actuarial Analyst, Fidelity
- Bioinformatics Programmer, UCSF
- Credit Analyst, Standard & Poor’s Data Analyst, Golden State Warriors
- Data Scientist, Capital Group
- Developer, SAP
- Financial Analyst, Abbott Labs.
- Product Technician, Earsure
- 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 Career Destinations Survey of recent Berkeley graduates.**

*Updated Last: 11222019*