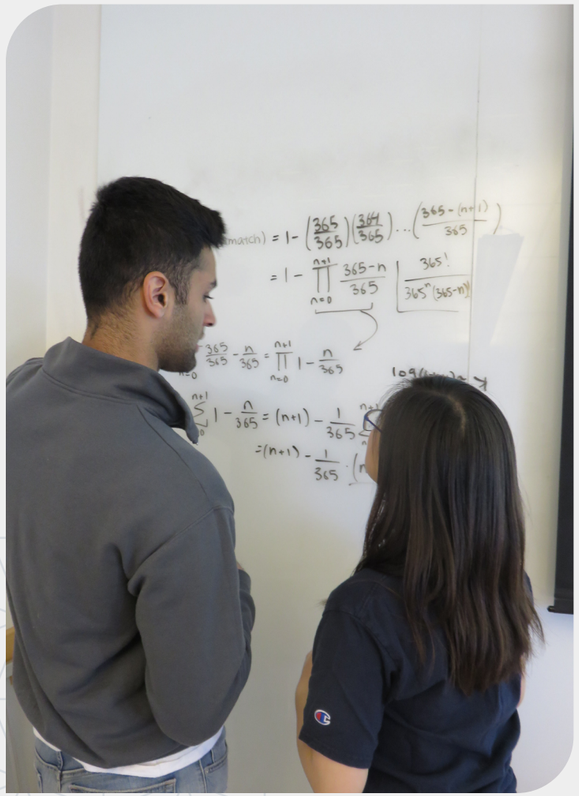

Photo credit: Denise Yee

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 **Happenings 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/jua820aaxcq106**

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

Berkeley
Statistics
367 Evans Hall
Berkeley CA 94720-3860
statistics.berkeley.edu

STATISTICS

Bachelor of Arts

Berkeley
UNIVERSITY OF CALIFORNIA

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.

Photo credit: Student Association for Applied Statistics

> *"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 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.

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

Bachelor of Arts

DESIGN YOUR JOURNEY

Berkeley
UNIVERSITY OF CALIFORNIA

	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH 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.	**Apply to the major** in the term when you are finishing your last prerequisites. Review **upper division** major requirements. If taking STAT 134, 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**. Meet with your **major advisor** to verify completion of major requirements. To graduate with **honors,** enroll in STAT H195 and write a senior honor thesis.
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.	Consider becoming a **Reader, Tutor or Lab Assistant** for the Statistics Department. Join **SUSA** and **SAAS** to connect with Statistics majors. Engage in individual discussions with professors during office hours.	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**.	Become a **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.
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**.	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.	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**.	Teach your own **DeCal course**. Present a statistics research poster at Cal Day or a conference sponsored by the **American Statistical Association**.
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**.	Study abroad as a sophomore, junior, or senior with **Berkeley Study Abroad**. Join **Bridging Berkeley** to become a math mentor to middle schoolers.	Study and intern in Washington D.C. with **UCDC** or **Cal in the Capital**. Take classes at another UC or college through a **visitor and exchange program**. Volunteer for the Statistics Department on Cal Day. Participate in the **Big Ideas Contest**.	Explore **gap year** 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.
Reflect and plan your future	Check out the Career Center **Yearly Planner**. Visit the **Statistics website** and join **Handshake** and **BearX** to access career resources. Set up a **LinkedIn** profile and start building your resume. Shadow alumni in the **Winter Externship Program.**	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**.	Apply for a **STEM Beyond Summer Internship**. 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**.	Find career opportunities with **icrunchdata** or the **American Statistical Association**. Find full-time jobs and paid internships through the **On-Campus Recruiting** program. Update your resume and **LinkedIn** profile. Apply to graduate school programs.

WHAT CAN I DO WITH MY MAJOR?

Jobs and Employers

Actuarial Analyst, Fidelity
Business Tech. Consultant, Deloitte
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, Esurance
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.

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