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.
SECOND YEAR
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.

THIRD YEAR
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.

FOURTH YEAR
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 honors thesis.

WHAT CAN I DO WITH MY MAJOR?

Jobs and Employers
- Actuarial Analyst, Fidelity
- Business Analyst, Oracle
- Bioinformatics Programmer, UCSD
- Business Analyst, Wells Fargo Bank
- Consultant, Applied Predictive Tech.
- Credit Analyst, Standard & Poor's
- Data Analyst, Google
- Data Scientist, Capital Group
- Developer, SAP
- Financial Analyst, Abbott Labs.
- Product Technician, Irvine
- 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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