Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: University of California, Berkeley 2022-2023 General Catalog, Semester	From: De Anza College 2022-2023 General Catalog, Quarter

Statistics, Lower Division B.A.

COLLEGE OF LETTERS AND SCIENCE

College Admission Requirements for Transfer Students
This major is offered by the College of Letters and Science (L&S).

By the end of the spring term preceding fall enrollment at Berkeley, you must complete:

1) The L&S Requirements in Reading & Composition, Quantitative Reasoning, and Foreign Language; **OR**
2) IGETC

Major Requirements:
Complete as many lower division major requirements as possible. See details on preparation for this major below.

Primary selection criteria for admission, in general:
- completion of L&S Requirements (or IGETC), plus
- strength of academic preparation, and
- grade point average.

For more information on admission to UC Berkeley:
http://admissions.berkeley.edu

For more information on majors at UC Berkeley:
Berkeley Academic Guide: http://guide.berkeley.edu

REQUIREMENTS

Admission to Berkeley with the stated intent to major in Statistics does not guarantee acceptance into the major. A departmental application is required and prerequisites must be met. Transfer students should apply for the major during the semester in which they are completing their last prerequisite(s).

Note that Stat 2 **does not satisfy** the Statistics major prerequisite.

Prerequisites:
1) Minimum 3.2 UC Grade Point Average in and no lower than a C in lower division prerequisite math courses: calculus; calculus II; multivariable calculus; and linear algebra and differential equations.

AND

2) A minimum C in either Stat 20 or Data C8 (Foundations of Data Science).

AND

3) A minimum B- in either Stat 134, Data C140, or Stat 135, with no more than one course repeated among those three.

If you have taken equivalents of ALL FOUR prerequisite courses at non-UC institutions, you are still required to take at least one Math course at Berkeley to establish a UC GPA. You may choose Math 54 (B+ required) or Math 110 (B required) or alternative course with consent of the Head Faculty Advisor.

We will accept AP Credit for the following math prerequisites in the Statistics major:
Scores of 3-5 on the AB Math satisfy Berkeley's Math 1A;
Scores of 3-4 on the BC Math satisfy Berkeley's Math 1A;
Score of 5 on the BC Math satisfies Berkeley's Math 1A-1B.

A minimum 3.2 Grade Point Average in the following math courses, with no lower than a C in each:
Math 1A Calculus
Math 1B Calculus
Math 53 Multivariable Calculus
Math 54 Linear Algebra and Differential Equations

AP credit:
Score of 3 or better on the AP Stats satisfies Berkeley's STAT 2.

Note that Stat 2 **does not satisfy** the Statistics major prerequisite.

For more information:
Denise Yee and Natalie Poulos, Undergraduate Major Advisors
stat-ugrad@berkeley.edu
(510) 644-5335
http://statistics.berkeley.edu/academics/undergrad/prospective

LOWER DIVISION MAJOR REQUIREMENTS

REFER TO TOP OF AGREEMENT

MATH 1A - Calculus (4.00)	←	**MATH 1A** - Calculus (5.00) **--- And ---** **MATH 1B** - Calculus (5.00) • *Regular and honors courses may be combined to complete this series* **--- Or ---** **MATH 1AH** - Calculus - HONORS (5.00) **--- And ---** **MATH 1BH** - Calculus - HONORS (5.00) • *Regular and honors courses may be combined to complete this series*
MATH 1B - Calculus (4.00)	←	**MATH 1B** - Calculus (5.00) **--- And ---** **MATH 1C** - Calculus (5.00) • *Regular and honors courses may be combined to complete this series* **--- Or ---** **MATH 1BH** - Calculus - HONORS (5.00) **--- And ---** **MATH 1CH** - Calculus - HONORS (5.00) • *Regular and honors courses may be combined to complete this series*
MATH 53 - Multivariable Calculus (4.00)	←	**MATH 1C** - Calculus (5.00) **--- And ---** **MATH 1D** - Calculus (5.00) • *Regular and honors courses may be combined to complete this series* **--- Or ---** **MATH 1CH** - Calculus - HONORS (5.00) **--- And ---** **MATH 1DH** - Calculus - HONORS (5.00) • *Regular and honors courses may be combined to complete this series*
MATH 54 - Linear Algebra and Differential Equations (4.00)	←	**MATH 2A** - Differential Equations (5.00) **--- And ---** **MATH 2B** - Linear Algebra (5.00) • *Regular and honors courses may be combined to complete this series* **--- Or ---** **MATH 2AH** - Differential Equations - HONORS (5.00) **--- And ---** **MATH 2BH** - Linear Algebra - HONORS (5.00) • *Regular and honors courses may be combined to complete this series*

STAT 2 - Introduction to Statistics (4.00) • *Recommended; Not required for the major*	←	**MATH 10** - Introductory Statistics (5.00) **--- Or ---** **MATH 10H** - Introductory Statistics - HONORS (5.00) **--- Or ---** **MATH 17** - Integrated Statistics 2 (5.00)

Select 1 Course(s) from the following

STAT C8 - Foundations of Data Science (4.00) Same-As: INFO C8, COMPSCI C8, DATA C8	←	No Course Articulated
STAT 20 - Introduction to Probability and Statistics (4.00) • *This course has a prerequisite of one semester of calculus*	←	No Course Articulated

END OF AGREEMENT