

PRE-ACTUARIAL SCIENCE MAJOR, B.S. – 2026-2027

To be admitted to the full major, students must complete all pre-major courses with a 2.5 or higher UC grade-point average. All pre-major courses must be completed with a grade of “C” or better. Students are permitted to repeat a maximum of two pre-major courses. Only one repeat is allowed in each course. Preparation courses are excluded from the pre-major GPA, but will apply to the overall major GPA. Students must complete Computer Science 8 and either 9 or 16 with a grade of “C” or better. Only one repeat is allowed in each Computer Science preparation for the major and pre-major requirement. Entry into the pre-major does not guarantee admission to full major status. While completing required preparation, students are classified as a Pre-Actuarial Science major.

PRE-MAJOR

UNITS TO COMPLETE

Math 2A-B or 3A-B, 4A-B, 6A-B	24-26 _____
Math 8 or PSTAT 8*	5 _____
PSTAT 10	5 _____

- *Note:** - Either Math 4A, 4B, 6A, or 6B must be completed with a grade of "B" or better in order to take Math 8 or PSTAT 8.
 - Math 8 is a prerequisite for all upper division Math courses except Math 117, 104A, 104B, and 104C. If you plan to take additional upper division Math courses, you must take Math 8.

PREPARATION FOR THE MAJOR

CMPSC 8 (or W 8)	4 _____
CMPSC 9 or CMPSC 16	4 _____
Writing 107A or 107B.....	4 _____

Note: CMPSC 9 is recommended over CMPSC 16. Also, students cannot get credit for CMPSC 8 at UCSB if transferring in credit for CMPSC 9 or 16, so please see the Department advisors in such instances.

Recommended courses: Econ 1, 2, 3A, 10A (fulfills VEE), and Phil 3 or 4.

Note: Math 100A-B, 101A-B, 102A-B, 193; PSTAT 109, 182T (or W 182T), 188, 190, 193 will NOT apply to the major.

Upon satisfactory completion of the pre-major requirements, the student must complete a change of major petition in the Department of Statistics and Applied Probability, 5607A South Hall, and obtain the appropriate signatures. At that time, the student must declare the specific major option of Statistics and Data Science (B.A. or B.S.) or Actuarial Science (B.S.).

MAJOR REGULATIONS

- PREREQUISITES** Check the *General Catalog* for the prerequisites to all listed courses.
P/NP GRADING OPTION Not allowed for any major course (prep or UD major), including courses applied to the major from other departments.
SUBSTITUTIONS In the major requirements permissible only by petition to the department chair and dean.
G.P.A. REQUIREMENTS At least 2.0 overall UC average in **all** upper-division major courses **and** **all** courses (Prep and UD) for the major.
DOUBLE MAJORS With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.