

PRE-STATISTICS AND DATA SCIENCE MAJOR, B.A. or B.S. – 2022-2023

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 up to a maximum of two pre-major courses. Only one repeat is allowed in each course. In the case of a letter grade below C, students must repeat the course at UCSB. 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. Entry into the pre-major does not guarantee admission to full major status. While completing required preparation, students are classified as a Pre-Statistics and Data Science major.

PRE-MAJOR

UNITS TO COMPLETE

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|----------------------------------|-------|-------|
| Math 2A-B or 3A-B, 4A-B, 6A..... | 20-22 | _____ |
| 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 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

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|---|---|-------|
| Computer Science 8 and either 9 or 16 | 8 | _____ |
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Note: CMPSC 9 is recommended over CMPSC 16.

Note: Math 100A-B, 101A-B, 102A-B, 193; PSTAT 109, 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.).

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.