

MATHEMATICS DEPARTMENT
6607 SOUTH HALL—PHONE: 805-893-2171

<http://www.math.ucsb.edu>

STATISTICS AND APPLIED PROBABILITY DEPARTMENT

5607A SOUTH HALL—PHONE: 805-893-2129

<http://www.pstat.ucsb.edu>

College of Letters and Science

University of California, Santa Barbara

NAME _____

Date _____ Perm # _____

**Note: See Major Progress Check on GOLD
for full list of all degree requirements.**

FINANCIAL MATHEMATICS AND STATISTICS MAJOR, B.S. – 2024-2025

To be admitted into the full major students must complete all pre-major courses with a 2.5 or higher UC grade point average. All pre-major and preparation for the major courses must be completed with a grade of “C” or better. Preparation courses are excluded from the pre-major GPA, but will apply to the overall major GPA. Entry into the pre-major does not guarantee admission to full major status. While completing required preparation, students are classified as pre-majors.

PRE-MAJOR

UNITS TO COMPLETE

Economics 1 and 2 10 _____

Math 2A-B or 3A-B, 4A-B, 6A-B, 8 (or PSTAT 8)* 29-31 _____

* **Notes:** - 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

One course from Computer Science 8 (or W 8), 9, 16 or Engineering 3 3-4 _____

Economics 10A 5 _____

PSTAT 10 5 _____

UPPER-DIVISION MAJOR

52 UD units are required, distributed as follows:

Math 104A-B-C, 117 16 _____

PSTAT 120A (or W 120A), 120B, 126, 160A (or W 160A), 160B 20 _____

PSTAT 170 4 _____

12 units from: Economics 100B, 101, 130, 134A-B, 140B, 141, 171, 181; Math 108A-B, 124A-B, 132A, 199; PSTAT 120C, 130, 131, 132, 134, 135, 171, 173, 174 (or W 174), 176, 199 12 _____

Elective courses taken: _____

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

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.