

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

<http://www.math.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.**

MATHEMATICS MAJOR, B.S. – 2025-2026

To be admitted to full major status, students must complete the following pre-major Mathematics courses with a UC grade-point average of 2.5 or higher. All pre-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

Math 2A-B or 3A-B 8-10 _____

Math 4A-B 8 _____

Math 6A-B 8 _____

Math 8* 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.

PREPARATION FOR THE MAJOR

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

One course from Physics 1, 6A, 7A, or 21 3-4 _____

UPPER-DIVISION MAJOR

52 UD units are required, at least 40 of which must be in Mathematics. These units must be distributed as follows:

Math 108A-B, 111A-B, 117, 118A-B, 122A 32 _____

Math 111C or 118C 4 _____

Math 145 or 147A 4 _____

12 upper-division units of Math and PSTAT electives 12 _____

Elective courses taken: _____

Note: The following courses will NOT apply to the major: Math 100A-B, 193, 195A-B; PSTAT 109, 188, 190, 193.

(With an advisor’s approval, 4 of the 52 UD units may be non-mathematics courses taken as part of a coherent mathematics program.)

MAJOR REGULATIONS

PREREQUISITES Check the *General Catalog* for the prerequisites to all listed courses.

P/NP GRADING OPTION Not allowed for major courses (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.