

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.A. – 2024-2025

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 higher. 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 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.

Note: Math 6A is a prerequisite for several UD mathematics courses. See the *General Catalog*.

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

40 UD units are required, at least 28 of which must be in Mathematics. These units must be distributed as follows:

CONCENTRATION I or II below:

CONCENTRATION I:

Math 108A 4 _____
 Three 2-quarter sequences from Math 104A-B,
 108B, 111A-B, 115A-B, 118A-B, 119A-B,
 122A-B, 124A-B, *either* 132A-B *or* 108C-132A,
either 137A-B *or* 116-137A, *either* 147A-B *or* 145-147A,
 PSTAT 120A-B 20-24 _____
 At least 12 units of upper-division
 Math or PSTAT electives 12-16 _____

CONCENTRATION II: High School Teaching

Math 101A-B 8 _____
 Math 102A-B 8 _____
 Math 182 4 _____
 PSTAT 120A-B 8 _____
 12 units of upper-division
 Math or PSTAT electives 12 _____

COURSES TAKEN: _____

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

(With an advisor’s approval, 4 of the 40 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.