

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

**MATHEMATICS MAJOR, B.A. – 2021-2022**

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, 16 or Engineering 3 .....	3-4 _____
Physics 1, 6A, 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, 109A-B, 111A-B, 115A-B, 118A-B, 119A-B, 122A-B, 124A-B, <i>either</i> 132A-B <i>or</i> 108C-132A, <i>either</i> 137A-B <i>or</i> 116-137A, <i>either</i> 147A-B <i>or</i> 145-147A, PSTAT 120A (or W 120A) and 120B.....	20-24 _____
At least 12 units of upper-division	
Math or PSTAT electives .....	12-16 _____

COURSES TAKEN: \_\_\_\_\_

**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: \_\_\_\_\_

**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.
- RESIDENCE REQUIREMENTS**..... At least 20 UD units in major while in residence at UCSB.
- 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.