

**MATHEMATICS DEPARTMENT**  
**6607 SOUTH HALL—PHONE: 893-2171**  
<http://www.math.ucsb.edu>  
 College of Letters and Science  
 University of California, Santa Barbara

NAME \_\_\_\_\_  
 Date \_\_\_\_\_ Perm # \_\_\_\_\_

**PRE-MATHEMATICS MAJOR, B.A. or B.S./**  
**PRE-MATHEMATICAL SCIENCES MAJOR, B.S., 2008-2009**

Students must complete all pre-major Mathematics courses with a 2.5 or higher UC grade-point average. Courses in Area C are excluded as part of the pre-major grade-point average computation, but they are included in the overall major GPA. Entry into the pre-major does not guarantee admission into full major status. While completing this required preparation, the student will be classified as a Pre-Math or Pre-Math Science major.

**PRE-MAJOR REQUIREMENTS**

**UNITS YET TO COMPLETE**

- A. Math 3A-B-C and 8 .....17 \_\_\_\_\_
- B. One course or sequence from the following, according to particular major and degree objective:  
 1. Math 5A\* (required for B.A. in Mathematics)  
**-OR-**  
 2. Math 5A-B-C (required for B.S. in Mathematical Sciences and B.S. in Mathematics)..... 4-12 \_\_\_\_\_
- C. One each from:  
 1. Physics 1, 6A, or 21..... 3-4 \_\_\_\_\_  
 2. Computer Science 10 or one course from Computer Science 5AA-ZZ or Engineering 3 ..... 3-4 \_\_\_\_\_

**\*Note:** Math 5B and 5C are prerequisites for some UD mathematics courses. See the *General Catalog* for details.

The following will not count toward any upper-division major in Mathematics:  
 Mathematics 100A-B, 193, 195A-B; PSTAT 133A-B-C and 193.

Upon satisfactory completion of the pre-major requirements, the student must complete a change of major petition in the Department of Mathematics, 6607 South Hall, and obtain the appropriate signatures. At that time, the student must declare the specific major option of Mathematical Sciences (B.S.) or Mathematics (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 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, including courses in excess of minimum requirements.
- DOUBLE MAJORS**.....With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.