

**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 # \_\_\_\_\_

**MATHEMATICAL SCIENCES MAJOR, B.S. – 2016-2017**

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 and Computer Science 8, 16 or Engineering 3 must be completed with a grade of “C” or better. Preparation Courses are excluded from 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 YET TO COMPLETE**

Math 3A-B ..... 8 \_\_\_\_\_  
 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, 16 or Engineering 3..... 3-4 \_\_\_\_\_  
 Physics 1 or 6A or 21 ..... 3-4 \_\_\_\_\_

**UPPER-DIVISION MAJOR**

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

Math 104A-B, 108A-B, 117, 118A-B, 122A..... 32 \_\_\_\_\_  
 Math 104C or 118C ..... 4 \_\_\_\_\_  
 Math 119A or 147A ..... 4 \_\_\_\_\_  
 12 units of upper-division Math or PSTAT electives ..... 12 \_\_\_\_\_

Elective courses taken: \_\_\_\_\_

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