

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. – 2009-2010

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. Computer Science 8, 16 or Engineering 3 must be completed with a grade of “C” or better.

| <u>PRE-MAJOR</u> | <u>UNITS YET TO COMPLETE</u> |
|---|-------------------------------------|
| Math 3A-B-C | 12 _____ |
| Math 5A-B-C | 12 _____ |
| Math 8 | 5 _____ |
| One course from Computer Science 8, 16 or Engineering 3 (excluded from pre-major GPA, but will apply to the overall major GPA)..... | 3-4 _____ |
| Physics 1 or 6A or 21 (excluded from pre-major GPA, but will apply to the overall major GPA) | 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 | 8 _____ |
| Math 108A | 4 _____ |
| 2 sequences chosen from: 119A-B, <i>either</i> 118A-B <i>or</i> 122A-B (only one of these sequences), 124A-B, 132A-B, 137A-B, PSTAT 120A-B..... | 16 _____ |
| 24 units of upper-division Math or PSTAT electives* | 24 _____ |

Elective courses taken: _____

***Note:** The following courses will NOT apply to the major: Math 100A-B, 193, 195A-B; PSTAT 133A-B-C and 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.