MATHEMATICS MAJOR, B.A. – 2003-2004

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:

**PRE-MAJOR**

Math 3A-B-C ............................................................................................................................... 12_____  
Math 5A ............................................................................................................................................ 4_____  
Math 8 ............................................................................................................................................... 5_____  
Computer Science 10 or one course from Computer Science 5AA-ZZ or Engineering 3 (excluded from pre-major GPA, but will apply to the overall major GPA) ........................................... 3-4_____  
Physics 1, 6A, or 21 (excluded from pre-major GPA, but will apply to the overall major GPA) ........ 3-4_____  

**Note:** Math 5B is a prerequisite for several UD mathematics courses. See the General Catalog.

**UPPER-DIVISION MAJOR**

40 UD units in Mathematics and Statistics are required, distributed as follows:

**CONCENTRATION I or II below:**

**CONCENTRATION I: Liberal Arts**

Math 108A ................................................................................................................................. 4_____  
12 units of upper-division Math or PSTAT electives* ................................................................. 12_____  

COURSES TAKEN:__________________________

**CONCENTRATION II: High School Teaching**

Math 101A-B ................................................................................................................................. 8_____  
Math 102A-B ................................................................................................................................. 8_____  
Math 103 ........................................................................................................................................ 4_____  
Math 108A ...................................................................................................................................... 4_____  
Math or PSTAT electives* ................................................................. 16_____  
(no more than 12 units of PSTAT will apply)

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 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 average in a) all UD major courses; and b) all major courses (Prep and UD) while in UC.  
**DOUBLE MAJORS** ................................................. With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.

2/19/2003