STATISTICAL SCIENCE MAJOR, B.S. – 2009-2010

PREPARATION FOR THE MAJOR

Math 3A*-B*-C* ........................................................................................................... 12
Math 5A*-B* and Math 8* ................................................................................................... 13
Computer Science 16 (Students are advised to take Computer Science 8JA in preparation for 16) .......................................................... 4

*Note: A minimum grade of C is required in the prerequisite course.

UPPER-DIVISION MAJOR

52 UD units in PSTAT and Mathematics are required, distributed as follows:

A. PSTAT 120A-B-C ......................................................................................................... 12
B. PSTAT 122 and 126 ..................................................................................................... 8
C. One of the following three concentrations:
   Actuarial Statistics Concentration:
   12 units from PSTAT 170, 171, 172A-B .................................................................. 12
   12 units elective PSTAT courses** ................................................................. 12
   Applied Statistics Concentration:
   8 units from PSTAT 123, 131, 140, 174, 175 .......................................................... 8
   PSTAT 130 ................................................................................................................. 4
   12 units elective PSTAT courses** ........................................................................ 12
   Probability and Statistics Concentration:
   PSTAT 160A-B ............................................................................................................ 8
   16 units elective PSTAT courses** ..................................................................... 16
D. 8 units from other PSTAT courses not used in Areas A, B, or C above, or Math 104A-B-C, 108A-B, 111A-B-C, 117, 118A-B-C, 132A-B; either Economics 100A-B or 104A-B, 134A-B .......... 8

**Up to 4 of the elective units may be chosen from courses in related departments, approved by the major advisor as part of a coherent statistics program.

Note: Math 100A-B, 101A-B, 102A-B, 193 will NOT apply to the major.

MAJOR REGULATIONS

PREREQUISITES................................. Check the General Catalog for the prerequisites to all listed courses.
P/NP GRADING OPTION.................... Not allowed for any major course (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.