STATISTICAL SCIENCE MAJOR, B.S. – 2005-2006

PREPARATION FOR THE MAJOR

Math 3A-B-C ........................................................................................................................................... 12__
Math 5A-B and Math 8 ...................................................................................................................................... 13__
Computer Science 10 (Students are advised to take Computer Science 5JA in preparation for 10.) ........ 4__

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, 173 ................................................................. 12__
   12 units elective PSTAT courses* ...................................................................................................... 12__
   Applied Statistics Concentration:
   8 units from PSTAT 123, 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; Economics 100A-B, 104A-B, or 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: PSTAT 133A-B-C, and 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.
DOUBLE MAJORS ..................... With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.