**STATISTICAL SCIENCE MAJOR, B.S. – 2006-2007**

**PREPARATION FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units Yet to Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 3A*-B*-C*</td>
<td>12</td>
</tr>
<tr>
<td>Math 5A*-B* and Math 8</td>
<td>13</td>
</tr>
<tr>
<td>Computer Science 10 (Students are advised to take Computer Science 5JA in preparation for 10)</td>
<td>4</td>
</tr>
</tbody>
</table>

*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, 173 ........................................ 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; Economics 100A-B, 104A-B, or 134A-B .............................. 8

**Note:** 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.

**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.