## STATISTICAL SCIENCE MAJOR, B.S. – 2016-2017

### PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course</th>
<th>Units Yet To Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 3A-B, 4A-B</td>
<td>16</td>
</tr>
<tr>
<td>Math 6A and Math 8*</td>
<td>9</td>
</tr>
<tr>
<td>Computer Science 16</td>
<td>4</td>
</tr>
</tbody>
</table>

**Note:** Math 3A-B, 4A-B and Math 8 must be completed with a grade of C or above.

* **Note:** Either Math 4A, 4B, 6A, or 6B must be completed with a grade of "B" or better in order to take Math 8.

### UPPER-DIVISION MAJOR

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

A. PSTAT 120A (or W 120A), 120B, 120C......................... 12

B. PSTAT 122 and 126............................................. 8

C. One of the following two concentrations:

   **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; Econ 100B, 101, 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; PSTAT 109, 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.