COMPUTER SCIENCE MAJOR, B.A. – 2002-2003

Admission to the Computer Science major is contingent upon the prior completion of the courses listed in the pre-major (Area I below) with at least a 2.75 grade-point average.

### I. PRE-MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>Units Yet to Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics 3A-B-C, 5A-B</td>
<td>20</td>
</tr>
<tr>
<td>Computer Science 10, 20, 30, 40, 50, 60</td>
<td>24</td>
</tr>
<tr>
<td>Probability/Statistics 120A</td>
<td>4</td>
</tr>
</tbody>
</table>

### II. PREPARATION FOR THE MAJOR

Science sequence from:
- Chemistry 1A-AL-B-BL-C-CL or Physics 1, 2, 3, 3L or Physics 6A-AL-B-BL-C-CL ................. 12
- Science electives: ................................................................. 8

Two courses or course sequences from: MCDB 1A-AL; EEMB 2 plus MCDB 1B, and either EEMB2L or MCDB 1BL; Geology 2, 4, 123, or courses not used in science sequence requirement above (credit will be allowed for courses from only one physics sequence)

Ethics: One course from: Philosophy 4, 6, 100A or Engineering 101 ...................... 3 or 4

**Note:** The courses listed in Area II need not be completed prior to advancement to the full major, and the grades will not be included in the pre-major grade point average calculation.

### UPPER-DIVISION MAJOR

48 UD units are required, distributed as follows:

A. Computer Science 110A or 110B ................................................................. 4
B. Computer Science 130A-B ........................................................................... 8
C. Computer Science 136, 154, 162, 170, 186 ............................................... 20
D. ECE 152A ................................................................................................. 5
E. Probability/Statistics 120B ...................................................................... 4
F. UD elective units approved by a Computer Science advisor (petition required) ........ 7

UD elective courses taken: ________________________________________________

### 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 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.

11/5/2002