COMPUTER SCIENCE—COMPUTATIONAL GEOGRAPHY EMPHASIS, B.A. – 2009-2010

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 University of California grade-point average.

I.  PRE-MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>Units Yet to Compete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics 3A-B-C, 5A-B</td>
<td>20</td>
</tr>
<tr>
<td>Computer Science 16*, 24*, 32*, 40</td>
<td>16</td>
</tr>
<tr>
<td>Probability/Statistics 120A</td>
<td>4</td>
</tr>
</tbody>
</table>

* New courses effective fall 2009. For descriptions and prerequisite information, consult [www.cs.ucsb.edu/info/newrequirements](http://www.cs.ucsb.edu/info/newrequirements)

II. PREPARATION FOR THE MAJOR

(Lower-division major requirements)

One sequence from: Chemistry 1A-AL-B-CL or Physics 1-2-3-3L or Physics 6A-AL-B-CL-CL ................................................................. 12 or 15

Geography 3A-B, 5, and 12 ................................................................. 16

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. Grades from these courses do, however, apply to the overall major grade-point average.

UPPER-DIVISION MAJOR

48 UD units are required, distributed as follows:

A. Computer Science 111, 123, 174A, 181B (or ECE 181B), 185 ................................................................. 20

B. Computer Science 130A-B ................................................................. 8

C. Computer Science 165A or 165B ................................................................. 4


Geography UD elective courses taken: ________________________________

Recommended: 8 additional units of UD Computer Science or Geography electives.

MAJOR REGULATIONS

PREREQUISITES Check the General Catalog for the prerequisites to all listed courses.

P/NP GRADING OPTION Not allowed for major courses (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.