**PHYSICAL GEOGRAPHY MAJOR, B.S. – 2007-2008**

### PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course</th>
<th>Units Yet To Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geography 3A-B</td>
<td>8</td>
</tr>
<tr>
<td>Geography 5</td>
<td></td>
</tr>
<tr>
<td>Math 3A-B-C</td>
<td>4</td>
</tr>
<tr>
<td>Physics 6A-B-C or Physics 1-2-3-3L-4-4L</td>
<td>9 or 16</td>
</tr>
<tr>
<td>Geography 17 or PSTAT 5A or EEMB 30</td>
<td>4 or 5</td>
</tr>
<tr>
<td>Chemistry 1A-1AL or 2A-2AC</td>
<td>4</td>
</tr>
<tr>
<td>12 elective units from: Chemistry 1B-1BL-C-CL, 2B-BC-C-CC, 95; MCDB 1A-AL-B-BL; EEMB 2-2L, 3-3L, 21, 24; Geology 2, 3, 14, 15; Astronomy 1, 2; Math 5A-B-C</td>
<td>12</td>
</tr>
</tbody>
</table>

(Note: Chemistry 1A-B-C is prerequisite to MCDB 1A-AL)

Strongly recommended: Computer Science 12; Geography 12; any additional courses from the above elective selection.

### UPPER-DIVISION MAJOR

46 UD units are required, distributed as follows:

A. Fundamentals of Physical Geography:
   Geography 102, 172 ................................................................. 10

B. 12 units from Geographical Techniques:
   Geography 115A-B-C, 117, 118, 128, 176A-B-BL-C, 184A-B-C ........................................ 12

C. 12 units from Introductory Systematics Courses:
   Geography 104, 110, 112, 114A, 134, 167 ......................................................... 12

D. 12 units from specialized Physical Geography Courses:
   Geography 114B, 116, 123, 133, 135, 135S, 144, 149, 158, 162A, 163, 165, 166, 170, 175, 185D ................................................................. 12

Note: Geography 193, 194, 195, 198, 199, 199RA may be applied to area B, C or D by petition, depending on the subject matter.

### MAJOR REGULATIONS

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

**P/NP GRADING OPTION**
Allowed for up to four units of Geography 193 and 199RA. Not allowed for any other course applied to the major (prep or UD), 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.