**ENVIRONMENTAL STUDIES PROGRAM**  
**2320 GIRVETZ HALL—PHONE: 893-3185**  
http://www.es.ucsb.edu  
College of Letters and Science  
University of California, Santa Barbara

**ENVIRONMENTAL STUDIES MAJOR, B.S. – 2004-2005**

### PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Units Yet to Complete</th>
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</thead>
<tbody>
<tr>
<td>Environmental Studies 1-2-3</td>
<td>12</td>
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<tr>
<td>Economics 1 or 2 or 109</td>
<td>4</td>
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<tr>
<td>Geology 2 or 4 or 20 or Geography 3A or 3B.</td>
<td>4</td>
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<tr>
<td>Mathematics 3A-B-C; one course from: EEMB 30, PSTAT 5AA-ZZ, or PSTAT 133A or Geography 17</td>
<td>16-17</td>
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<tr>
<td>Chemistry 1A-1AL-B-BL-C-CL</td>
<td>12</td>
</tr>
<tr>
<td>MCDB 1A-AL, MCDB 1B, EEMB 2-3-3L, and either MCDB 1BL or EEMB 2L</td>
<td>15</td>
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<tr>
<td>Physics 1-2-3-3L (recommended) or 6A-6AL-B-BL-C-CL</td>
<td>12</td>
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<tr>
<td>One course from: Philosophy 3, 4; Political Science 1</td>
<td>4</td>
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<tr>
<td>One course from: Anthropology 2; Geography 5; Global Studies 1, 2; History 7; Political Science 6, 7, 12; Religious Studies 1, 14; Sociology 1</td>
<td>4</td>
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</tbody>
</table>

### UPPER-DIVISION MAJOR

49-50 UD units from Areas A and B plus a 16-unit outside concentration (Area C)

A. Required upper-division courses: Geography 172 or EEMB 146 or PSTAT 120A or 133B

B. 32 UD Environmental Studies elective units, including at least 20 units from B-1:

B-1. Environmental Studies 105, 111, 144, 147, 148, 149, 152, 158ES, 162A, 163, 166BT, 166FP, 168, 169, 170, 171, 197

B-2. Any courses in upper-division Environmental Studies, with no more than 4 units each from 192, 194, 199, 199RA and no more than 8 units combined from 192, 194, 199 and 199RA.

C. Outside Concentration:

**OPTION 1:** 16 upper-division units from one of the following departments:  
Chemistry and Biochemistry, EEMB, Geography (systematics and techniques courses only), Geological Sciences, Mathematics, MCDB, Physics, or Statistics. NOTE: Geology 101 and Mathematics 100AB will not apply.

**OPTION 2:** Interdisciplinary Concentration

16 units from the departments listed in Option 1 forming a coherent focus. A plan of study listing the courses to be taken must be approved (by petition) by the department chair prior to beginning this option

**OPTION 3** Double major within one of the eight departments listed in Option 1. These 16 units would apply simultaneously to both Environmental Studies and the second major.

*Cross-listed courses (either version), identified with an asterisk (*) may apply to one area only in any part of the major.

### MAJOR REGULATIONS

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

**P/NP GRADING OPTION** Env St 190 must be taken P/NP, and up to 4 units of Env St 192 may be taken P/NP for major credit. All other courses, including those applied to the major from other departments must be taken for letter grades.

**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 UD major courses and all courses (Prep and UD) for the major.

**DOUBLE MAJORS** With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to upper-division areas A and/or B and the other upper-division major.

7/20/2004