DEPARTMENT OF ECOLOGY, EVOLUTION, & MARINE BIOLOGY
3320 LIFE SCIENCES BLDG—PHONE: 805-893-5191
http://www.lifesci.ucsb.edu
College of Letters and Science
University of California, Santa Barbara

NAME __________________________  Date __________________________  Perm # __________

Note: See Major Progress Check on GOLD for full list of all degree requirements.

ECOLOGY & EVOLUTION MAJOR, B.S. – 2023-2024

To be admitted to full major status, students must fulfill the pre-biology course and grade point average requirements as described in the General Catalog. At minimum, they must complete twelve designated courses from the Preparation for the Major with a 2.0 or higher UC grade point average. Note: Hyphens indicate that an entire sequence or combination must be completed as shown to fulfill an area requirement. A single course can satisfy only one requirement. Grades earned must meet the grade prerequisites for the full major.

PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course</th>
<th>Units to Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 1A-AL-B-CL or 2A-AC-B-CL or 2A-AC-B-CC</td>
<td>15</td>
</tr>
<tr>
<td>MCDB 1A-B, EEMB 2-3, MCDB 1IL and EEMB 2LL</td>
<td>16</td>
</tr>
<tr>
<td>Mathematics 3A-B or 3A-B</td>
<td>8</td>
</tr>
<tr>
<td>One of the following: PSTAT 5LS or PSTAT 5A (Math 4A acceptable, but not recommended)</td>
<td>4 or 5</td>
</tr>
<tr>
<td>Physics 6A-AL-B-CL</td>
<td>12</td>
</tr>
</tbody>
</table>

*Organic chemistry may be required by some graduate or professional schools. Consult your advisor.

UPPER-DIVISION MAJOR

48 UD units are required in biological sciences, distributed as follows: 48

Courses with an asterisk (*) are listed in more than one area, but they may be applied to only one area

A. Core Curriculum: One course required from each of the following categories:
   1. Ecology: EEMB 120
   2. Evolution: EEMB 131 (or Earth 121)
   3. Genetics: EEMB 129 or MCDB 101A
   4. Biometry: EEMB 146

B. Area of concentration: Three courses required from the following, including at least one each from B1 and B2:
   1. Ecology: EEMB 119* (or Env S 119*), 128 (or Env S 128), 140*, 142A, 143, 147, 148,
      152 (or Env S 152), 153, 158, 159, 168, 171 (or Env S 171)
   2. Evolution: EEMB 101, 102, 108*, 130, 136* (or Earth 111*), 137 (or Earth 141), 138, 180*

C. Quantitative Biology Emphasis: One course (or course sequence) required from the following:
   EEMB 174, 179, 180*, MCDB 170

D. Biodiversity and Systematics Emphasis: Three courses (or course sequences) required from the following,
   including at least two laboratory courses (underlined):
   136* (or Earth 111*), 136L (or Earth 111L), 140*, 140L, 144, 144L, 145, 150A, 163

E. Electives: Additional UD courses offered in EEMB, or from Areas B-D above, or from any of the following to bring the total UD units in the major toystemed EEMB 142AL

Notes: Laboratory courses are underlined in areas A-E above. The following courses do not count toward upper-division major credit: EEMB 182, 183, 184, and 189. In addition, no more than 8 units of the following courses combined will apply: EEMB 185-199. Finally, a minimum of 32 units must be completed through courses within the EEMB Department.

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), including courses applied to the major from other departments except up to 8 units of courses that do not allow letter grades.

SUBSTITUTIONS ...................................................................... In the major requirements permissible only by petition to the department chair and dean.

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.

DOUBLE MAJORS ..................................................................... With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.