ECOLOGY & EVOLUTION MAJOR, B.S. – 2009-2010

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 an entire sequence must be completed as shown to fulfill an area requirement.
A single course can satisfy only one requirement.

PREPARATION FOR THE MAJOR

| Course Code | Course Title | Units
<table>
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<tbody>
<tr>
<td>Chemistry 1A-AL-B-BL-C-CL</td>
<td>(or 2 series)</td>
<td>15</td>
</tr>
<tr>
<td>MCDB 1A-AL-BL, EEBM 2-3-3L, and either MCDB 1BL or EEBM 2L</td>
<td>(Transfer students must consult the advisor regarding selected topics to be covered in Z courses.)</td>
<td>15</td>
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<tr>
<td>Mathematics 3A-B</td>
<td></td>
<td>8</td>
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<td>One of the following: PSTAT 5A or PSTAT 5LS (Math 3C acceptable but not recommended)</td>
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<td>4 or 5</td>
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<tr>
<td>Physics 6A-B-BL-C-CL</td>
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<td>12</td>
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Note: Organic Chemistry may be required by some graduate or professional schools. Consult with an advisor.

UPPER-DIVISION MAJOR

48 upper-division units are required distributed as follows: .......................................................... 48

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

A. Genetics: One course sequence from: EEBM 129-130* or MCDB 101A-101B ...........................................

B. Ecology: EEBM 120 ..................................................

C. Evolution: EEBM 131 (or Geology 121) .................................................................................................

D. One course from D1 or D2: ................................................
   1. Ecology concentration: EEBM 119* (or Env S 119*), 125, 128 (or Env S 128) 140*,
      152 (or Env S 152), 166*, 171* (or Env S 171*), either 172 or 179 (not both)
   2. Evolution concentration: EEBM 102, 130*, 139

E. Physiology: One course from: EEBM 124, 141, 143, 154, 156, 157; MCDB 111 ........................................

F. Animal diversity and systematics: One course from: EEBM 106, 107, 108, 109 (or Geology 104),
   111, 112, 113-113L, 116, 136-136L (or Geology 111-111L); Geology 144 ............................................

G. Plant diversity: One course from: EEBM 119* (or Env S 119*), 127, 134,
   137 (or Geology 141), 140*, 166*, 171* (or Env S 171*); Geography 167 ............................................

H. Physical environment: One course from: EEBM 117, 142B; Geography 104, 110, 112,
   114A (or Env S 114A), 162A, (or Env S 162A), Geology 164A, 164B, 164C ...........................................
   I. A minimum of two lab courses from underlined courses or from the following: EEBM 107L, 120AL,
      120BL, 127L, 140L, 143L, 142AL, 142BL, 142CL, 144L, 166, 170 ..............................................
   J. Electives: Additional UD courses offered in EEBM or MCDB or Geography 149 (OR Env S 111), or
      from Areas F, G, or H above to bring the total UD units in the major to 48. Recommended ecology courses:
      EEBM 117, 144, 146, 147, 148, 152 (or Env S 152) 159, 178.
      Recommended evolution courses: EEBM 138, 146, 163

Note: The following courses do not count toward upper-division major credit: EEBM 181, 182, 183, 184 (except by petition), 189;
      MCDB 121, 182, 183, 184, 194MD, 194K. In addition, no more than 8 units of the following courses combined will apply:
      EEBM 185-199; MCDB 185-199. Finally, a minimum of 32 units must be completed through courses within the EEBM 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 department, 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.

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 upper-division majors.