BIOLOGICAL SCIENCES MAJOR, B.A. – 2003-2004

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 grade-point average.

PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Units Yet to Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 1A-B-C plus 1AL or 1AC, 1BL or 1BC, 1CL or 1CC (or 2 series)</td>
<td>12</td>
</tr>
<tr>
<td>MCDB 1A-1AL-1B, EEMB 2-3-3L, and either MCDB 1BL or EEMB 2L</td>
<td>15</td>
</tr>
<tr>
<td>(Transfer students must consult the advisor regarding selected topics to be covered in Z courses.)</td>
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<tr>
<td>Chemistry 6A-B and 109A-B</td>
<td>12</td>
</tr>
<tr>
<td>Mathematics 3A-B or 34A-B</td>
<td>8</td>
</tr>
<tr>
<td>One of the following: Math 3C or EEMB 30 or PSTAT 5A</td>
<td>4 or 5</td>
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<tr>
<td>Physics 6A-AL-B-BL</td>
<td>8</td>
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</tbody>
</table>

UPPER-DIVISION MAJOR

36 UD units: ................................................................. 36

One course or course sequence is required in each of the areas below (A through F)

Note: Hyphens indicate that an entire sequence must be completed as shown to fulfill an area requirement. EEMB 113-113L may be applied to either area D or area E, but not to both areas simultaneously. Similarly, MCDB 114 may be applied to either area B or area C, but not to both areas simultaneously.

The following courses do not count toward upper-division major credit:
EEMB 183, 184; MCDB 121, 182, 183, 184.

In addition, no more than 4 units of the following courses combined will apply:
EEMB 185-199; MCDB 185-199.

A. Genetics: one course from: MCDB 101A or EEMB 129 (in addition, MCDB 101B is strongly recommended) ................................................................. 

B. Physiology: one course from: MCDB 111, 114, 117, EEMB 141, 143, 154, 155, 156 ........................................

C. Development and Cell Biology or Biochemistry and Molecular Biology: one course from:
MCDB 103, 108A, 110, 112, 114, 115, 118, 133, 134; EEMB 164 ..........................................................

D. Ecology or Evolution: one course from: EEMB 108, 109 (or Geology 148), 113-113L, 120, 131 (or Geology 121), 135, 136-136L, 137 (or Geology 141), 138, 139, 140, 142A ........................................

E. Diversity of Form and Structure: one course from: EEMB 106, 107, 111, 112, 113-113L, 116, 134;
MCDB 131 ................................................................. 

F. Electives: Additional UD courses offered in EEMB and MCDB to bring unit total to 36: .................

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 4 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 average in a) all UD major courses; and b) all major courses (Prep and UD) while in UC.
DOUBLE MAJORS ..............................With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.

2/25/2003