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.

**Note:** Hyphens indicate an entire sequence must be completed as shown to fulfill an area requirement.

### 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</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>
<td></td>
</tr>
<tr>
<td>Chemistry 6A-B and 109A-B-C</td>
<td>16</td>
</tr>
<tr>
<td>Mathematics 3A-B or 34A-B</td>
<td>8</td>
</tr>
<tr>
<td>One of the following: PSTAT 5A or EEMB 30 or Math 3C or Psy 5</td>
<td>4 or 5</td>
</tr>
<tr>
<td>Physics 6A-AL-B-CL-C</td>
<td>12</td>
</tr>
</tbody>
</table>

### Upper-Division Major

50 UD units required, distributed as follows: 50

I. A. Pharmacology: MCDB 126A-AL-B-CL -

II. Additional units from the following to bring the total upper-division units in the major to 50: 

**Note:** No more than 16 total units may be taken outside the Department of Molecular, Cellular, and Developmental Biology*. Instructor approval required prior to enrollment in psychology courses.


A maximum of 4 units of MCDB 185-199 can be applied. BMB may be accepted by petition only.

*courses that are cross-listed between MCDB and other departments do not count towards the 16 units maximum.

Students are encouraged to select their elective courses from within one of these tracks:


3. Neurobiology and Behavior: MCDB 114, 115; Psychology 115, 133A, 133B, 137

4. Physiology and Development: MCDB 111, 112, 112L, 114, 115; EEMB 111, 154, 155, 156

### 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.

6/19/02