CHEMISTRY MAJOR, B.A. – 2003-2004

PREPARATION FOR THE MAJOR

<table>
<thead>
<tr>
<th>Course</th>
<th>Units Yet to Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 1A or 2A, 1B or 2B, 1C or 2C and 1AL or 1AC or 2AC, 1BL or 1BC or 2BC, 1CL or 1CC or 1CC</td>
<td>12</td>
</tr>
<tr>
<td>Chemistry 6A and either 6B or 7B</td>
<td>4</td>
</tr>
<tr>
<td>Math 3A-B-C</td>
<td>12</td>
</tr>
<tr>
<td>Physics 1-2-3-3L-4-4L or 6A-AL-B-BL-C-CL</td>
<td>12 or 16</td>
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</tbody>
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Note: It is recommended, but not required, that Mathematics 5A be completed before taking Chemistry 113A-B-C. A reading knowledge of a foreign language is strongly recommended for students planning advanced study in science; German is particularly useful.

UPPER-DIVISION MAJOR

39 UD Chemistry units are required, distributed as follows:

Note: Transfer students receiving subject credit for Chemistry 109A-B-C and/or Chemistry 150 must complete a minimum of 36 UD units in the Department of Chemistry and Biochemistry.

A. Chemistry 109A-B-C, 113A-B-C, 150, 173A ................................................................. 30
B. Chemistry 116AL and either 116BL or 116CL ............................................................... 6
C. UD Chemistry elective (Chemistry 101, 196, and 199 will not apply) .......................... 3

MAJOR REGULATIONS

PREREQUISITES .................................. Check the General Catalog for the prerequisites to all listed courses.
P/NP GRADING OPTION ....................... Not allowed for any major course (Prep or UD major), including courses applied to the major from other departments.
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 to both UD majors.

2/27/2003