

**DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY****Trailer 232—PHONE: 893-5675**<http://www.chem.ucsb.edu>

College of Letters and Science

University of California, Santa Barbara

NAME \_\_\_\_\_

Date \_\_\_\_\_ Perm # \_\_\_\_\_

**BIOCHEMISTRY MAJOR, B.S. – 2016-2017**

A UC GPA of 2.00 or above in each of the six sequences of courses listed in Area I, is required for admission to the full Biochemistry major. Acceptance into the pre-major does not guarantee admission to full major status. Upon satisfactory completion of the pre-major courses, students must complete a change of major petition, available in the Department of Chemistry and Biochemistry Student Affairs Office.

**I. PRE-MAJOR REQUIREMENTS****UNITS YET TO COMPLETE**

Chemistry 1A or 2A, 1B or 2B, 1C or 2C.....	9	_____
Chemistry 1AL, 1BL or 2BC, 1CL or 2CC .....	6	_____
Chemistry 6AL <u>and</u> 6BL (or 6BH) .....	6	_____
Chemistry 109A or 109AH, 109B or 109BH, 109C or 109CH .....	12	_____
Mathematics 3A-B, 4A .....	12	_____
Physics 1-2-3-4 or 6A-B-C .....	14 or 9	_____

**II. PREPARATION FOR THE MAJOR**

*The following courses are not required to be admitted into the Biochemistry B.S. major, but are required to complete the major.*

Mathematics 6A .....	4	_____
Physics 3L-4L or 6AL-BL-CL.....	2 or 3	_____
MCDB 1A-AL, MCDB 1B, EEMB 2, and either MCDB 1BL or EEMB 2L .....	11	_____

**UPPER-DIVISION MAJOR**

46 UD units required, distributed as follows:

A. Chemistry 112A, 112B, 112C, 142A (or W 142A), 142B, 142C, and 173A.....	24	_____
B. Chemistry 110L, 112L, and 125L .....	11	_____
C. Six units from the following core electives: Chemistry 141, 143, 145, 146, 147, 151, 154A-B, 161, 162A, 162B, 171, 181 .....	6	_____
D. Five additional units from C above, or the following, with no more than one course from Chemistry 123 and 149: Chemistry 111, 113AL, 115A-B-C, 117A, 118, 120, 123, 124, 126 (provided 145 has not been taken), 127, 128, 129, 132, 133, 134, 149, 150, 153, 163, 173B, 175, 176; MCDB 101B, 103, 126B-C, 134, 135 .....	5	_____

**MAJOR REGULATIONS**

<b>PREREQUISITES</b> .....	Check the <i>General Catalog</i> for the prerequisites to all listed courses.
<b>P/NP GRADING OPTION</b> .....	Not allowed for major courses (prep or UD), including courses applied to the major from other departments.
<b>SUBSTITUTIONS</b> .....	In the major requirements permissible only by petition to the department chair and dean.
<b>RESIDENCE REQUIREMENTS</b> .....	At least 20 UD units in major while in residence at UCSB.
<b>G.P.A REQUIREMENTS</b> .....	At least 2.0 overall UC average in <b>all</b> upper-division major courses <u>and</u> <b>all</b> courses (Prep and UD) for the major, including courses in excess of minimum requirements.
<b>DOUBLE MAJORS</b> .....	With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.