

DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY

Building 232—PHONE: 805-893-5675

<http://www.chem.ucsb.edu>

College of Letters and Science

University of California, Santa Barbara

NAME _____

Date _____ Perm # _____

**Note: See Major Progress Check on GOLD
for full list of all degree requirements.****CHEMISTRY MAJOR, B.S. – 2023-2024**

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 Chemistry 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 on the Department of Chemistry and Biochemistry website.

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

Chemistry 3A (or 1A or 2A), 3B (or 1B or 2B), 3C (or 1C or 2C).....	9-10 _____
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 W 109C) or 109CH	12 _____
Math 2A or 3A, 2B or 3B, <u>and</u> 4A.....	12-14 _____
Physics 7A-B-C (or 1-2-3-4).....	12 or 14 _____

II. PREPARATION FOR THE MAJOR

Math 6A and Phys 7L (or 3L) are required for enrollment in Physical Chemistry (CHEM 113A-B-C) which should be taken in the fall quarter of Year 3.

Chemistry 6CL or 6CH	3 _____
Math 4B and 6A	8 _____
Physics 7L (or 3L)	1 _____

UPPER-DIVISION MAJOR

45 UD Chemistry units are required, distributed as follows:

Note: Transfer students receiving subject credit for Chemistry 150 *must* complete a minimum of 45 UD units in the Department of Chemistry and Biochemistry.

A. Chemistry 113A-B-C, 142A (or W 142A), 150, and 173A-B	21-24 _____
B. Chemistry 116AL-BL-CL	9 _____
C. UD Chemistry electives, with no more than one course from Chemistry 110, 123 and 149	12-15 _____

The following courses **will not** apply toward the major: Chemistry 102, 183, 184, 192, 193, 196, 198 and 199

Courses taken: _____

Note: By petition, some of the Area C elective units may be taken in other related departments.

MAJOR REGULATIONS

PREREQUISITES	Check the <i>General Catalog</i> for the prerequisites to all listed courses. Completion of the Pre-Chemistry major is required to enroll in upper-division courses required for the major.
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.
G.P.A REQUIREMENTS	At least 2.0 overall UC average in all upper-division major courses <u>and</u> all courses (Prep and UD) for the major.
DOUBLE MAJORS	With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.

Recommended Schedule for B.S. Chemistry

2023-2024

To ensure that you are on track for graduation, we advise that you: follow this schedule, run a [Major Progress Check](#) on GOLD quarterly, and meet with our advising staff, annually. [Click here](#) to contact us.

General Education and elective courses should be added as appropriate. [Click here](#) to review College and University degree requirements.

	Fall	Winter	Spring
Year 1	Chem 1A/3A Chem 1AL Math 2A/3A	Chem 1B/3B Chem 1BL Math 2B/3B Phys 7A	Chem 1C/3C Chem 1CL Math 4A Phys 7B
Year 2	Chem 109A/130A Phys 7C Phys 7L Math 4B	Chem 109B/130B Chem 6AL Math 6A	Chem 109C/130C Chem 6BL
Year 3	★Chem 113A ★Chem 142A ★Chem 150 Chem 6CL	★Chem 113B ★Chem 116AL	★Chem 113C ★Chem 116BL
Year 4	★Chem 173A ★Chem 116CL	★Chem 173B	

★ courses are offered only in the quarter listed. With these exceptions: Chem W 142A, Chem 150, and Chem 173A may be offered during summer sessions.