## 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.		

## BIOCHEMISTRY MAJOR, B.S. - 2025-2026

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 on the Department of Chemistry and Biochemistry website.

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I. PRE-MAJOR REQUIREMENTS	UNITS TO COMPLETE
Chemistry 3A (or 1A or 2A), 3B (or 1B or 2B), 3C (or 1C or 2C)	10
Chemistry 2AL, 2BL, and 3L (or 1AL, 1BL or 2BC, and 1CL or 2CC)	6-7
Chemistry 6AL and 6BL or 6BH	6
Chemistry 130A (or 109A or 109AH), 130B (or 109B or 109BH), 130C (or 109C or 109CH).	12
Mathematics 2A or 3A, 2B or 3B, and 4A	12-14
Physics 7A-B-C (or 1-2-3-4)	12-14
II. PREPARATION FOR THE MAJOR	
Math 6A and Phys 7L (or 3L) are required for enrollment in Biophysical Chemistry (CHEM 1 taken in the fall quarter of Year 3.	112A-B-C) which should be
Mathematics 6A	4
Physics 7L (or 3L)	1
MCDB 1A-1B, EEMB 2, and MCDB 1LL	
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, 154B, 161, 162A, 162B, 171, 181	6
D. Five additional units from C above, or the following, with no more than one course from Chemistry 110 and 123: Chemistry 104, 110, 111, 113AL, 115A, 115B, 115C, 117A, 1 123, 124, 126 (provided 145 has not been taken), 127, 128, 129, 132, 133, 134, 148, 156 163, 173B, 175, 176, 186; MCDB 101B, 103, 126B, 126C, 134, 135	118, 120, 0, 153,
MAJOR REGULATIONS	
PREREQUISITES	n courses required for the major. urses applied to the major from the department chair and dean. or courses and all courses (Prep

## Recommended Schedule for B.S. Biochemistry 2025-2026

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

General Education and elective courses should be added as appropriate. <u>Click here</u> to review College and University degree requirements.

	Fall	Winter	Spring
Year 1	Chem 1A/3A Math 2A/3A	Chem 1B/3B Chem 2AL Math 2B/3B Phys 7A	Chem 1C/3C Chem 2BL Math 4A Phys 7B
Year 2	Chem 109A/130A Chem 3L Phys 7C Phys 7L  ★MCDB 1A	Chem 109B/130B Chem 6AL ★ MCDB 1B ★ EEMB 2 ★ MCDB 1LL	Chem 109C/130C Chem 6BL Math 6A
Year 3	★ Chem 112A ★ Chem 142A ★ Chem 110L	★ Chem 112B ★ Chem 142B ★ Chem 125L	★ Chem 112C ★ Chem 142C ★ Chem 112L
Year 4	★ Chem 173A		

<sup>★</sup> courses are offered only in the quarter listed. With these exceptions: Chem W 142A, Chem 173A, MCDB 1A, MCDB 1B, MCDB 1LL, and EEMB 2 may be offered during summer sessions.