

BIOCHEMISTRY (CH38)

Effective FA20

The Biochemistry B.S. focuses on the chemical processes in living organisms, including the structure and function of proteins, nucleic acids, lipids, and carbohydrates. It is suitable for those planning to go to graduate school as well as medical, dental, veterinary, and other professional schools. It is also suitable at the bachelor's level for jobs in the biotechnology or pharmaceutical field. Note the requirement for six courses in biochemistry, including two advanced electives. If you do not wish to take so much biochemistry, you should major in Chemistry and use electives to take the desired number of biochemistry courses.

The plan below assumes completion of the Transfer Major Preparatory coursework.

	Fall Quarter	Winter Quarter	Spring Quarter
YEAR ONE	CHEM 114A MATH 20C PHYS 2C or 2D PHYS 2BL, 2CL, or 2DL	CHEM 114B MATH 11 or 20D CHEM 100A	CHEM 114C CHEM 108 BIOCHEM ELECTIVE
YEAR TWO	CHEM 126A BIOCHEM ELECTIVE BILD 1	CHEM 126B CHEM 109 BILD 2	CHEM ELECTIVE BIOCHEM ELECTIVE

LABS ARE BOLDED: Enrolling in a chemistry lab your first quarter at UCSD is not recommended nor is taking more than one lab per quarter.

NOTE: Starting FA20 the MATH 10 and PHYS 1 series are also accepted.

[Some courses are offered only once or twice per year.](#)