

BIOCHEMISTRY/CHEMISTRY (CH38)

Effective FA20

The Biochemistry/Chemistry major deals with the chemical processes in living organisms, including structure and function of nucleic acids, proteins, and lipids. 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 CHEM 6A, 6B, 6C, 7L, 40A, 40B, 40C, 43A, MATH 20A, 20B, 20C*, and PHYS 2A, 2B, 2C* or 2D*, and 2BL* or 2CL* or 2DL* prior to transferring to UCSD.

We do not recommend taking a chemistry lab your first quarter at UCSD. Plan to take no more than one lab per quarter starting your second quarter.

NOTE: Biochemistry majors starting in FA20 may take *either* the MATH 10 series (MATH 10A, 10B, 10C) or the MATH 20 series (MATH 20A, 20B, 20C) and may take *either* the PHYS 1 series (PHYS 1A, 1AL, 1B, 1BL, 1C, 1CL) or the PHYS 2 series (PHYS 2A, 2B, 2C or 2D, 2BL or 2CL or 2DL).

LABS ARE BOLDED	Fall		
	Quarter	Winter Quarter	Spring Quarter
YEAR ONE AT UCSD	CHEM 114A MATH 11 BILD 1	CHEM 114B CHEM 100A BILD 2	CHEM 114C CHEM 108 BIOCHEM ELECTIVE
YEAR TWO AT UCSD	CHEM 126A BIOCHEM ELECTIVE	CHEM 126B CHEM 109	CHEM ELECTIVE BIOCHEM ELECTIVE

*Although these courses were not requirements for transferring to UCSD as a major in the Department of Chemistry and Biochemistry, it is recommended that they be completed prior to transferring in order to aid in time to degree.