



Biochemistry & Cell Biology

BI29

Biology Student Affairs

1128 Pacific Hall

(858) 534-0557

www.biology.ucsd.edu

question@biology.ucsd.edu

This major is designed to provide students with the educational foundation in and fundamental understanding of the fields of biochemistry, cell biology, molecular biology and genetics. This foundation will prepare students for work and advanced studies in a wide variety of areas of biological and biomedical sciences including developmental biology, microbiology, virology, biophysics, human biology, pharmacology and plant biology. The major will also prepare students for entry into graduate and professional schools including schools of medicine and pharmacology.

The program includes two required upper-division biology laboratory courses to provide practical experience with modern techniques and useful technology for those seeking positions as lab technicians in clinical and basic research laboratories. The opportunity to select elective courses allows students to pursue either a more broad background in a variety of biology subjects or a focused specialization in a chosen field of study.

suggested four year plan - subject to change - consult advisors with questions

	FALL	WINTER	SPRING
FR	Chem 6A Math 10A/20A	BILD 1 Chem 6B Math 10B/20B	Chem 6C Chem 6BL Math 10C/11/20C
SO	BILD 2/3 Chem 140A/141A Physics 1A&1AL or 2A	Chem 140B/141B Chem 143A/105A Physics 1B&1BL or 2B	BIBC 102 BIBC 103 Physics 1C&1CL or 2C Physics Lab (if taking 2 sequence)
JR	BICD 100	BIBC 100/110/Chem 126 BICD 110	BIMM 100 UD Bio Elective or Core Elective
SR	UD Bio Lab UD Bio Elective	UD Bio Elective UD Bio Elective or Core Elective	UD Bio Elective

This sample plan is based on current year requirements.

Depending on when you entered UCSD, your requirements may be different.

Please refer to the appropriate degree check or contact Biology Student Affairs.

- All courses for the major, including prerequisites, must be taken for a letter grade.
- The following Chemistry Department courses may count as an upper-division elective: Chem 115, 116, 122, 124, 126, 127.
- Upper-division biology lab to be chosen from: BIBC 105, BICD 101, 111, 123, 131, 133, 145, BIMM 101, 103, 121, 127, 141, BIPN 105, 145 or Chem 143C.

Staff Advisors

General advising for all majors

Drop-in Advising	Advising Appointments
9:00am-12:00pm and	9:00am-12:00pm and
1:00pm-4:00pm	1:00pm-4:00pm
Tuesday, Wednesday, Friday	Monday and Thursday

Faculty Advisors

Call or email to schedule an appointment

Dr. Laurie Smith	Dr. Yunde Zhao
(858) 822-2531	(858) 822-2670
lgsmith@ucsd.edu	yundeshaio@ucsd.edu
5218 Muir Biology	5268 Muir Biology