

DEPARTMENT OF CHEMISTRY & BIOCHEMISTRY

Welcome to the Department of Chemistry and Biochemistry at UC Santa Cruz. We administer two majors: 1) Chemistry, Bachelor of Arts or Bachelor of Science, and 2) Biochemistry and Molecular Biology, Bachelor of Science. The Department of Chemistry and Biochemistry is located in Room 230 Physical Sciences Building. The staff program assistant is Cheryl Lira and she is available to discuss the major programs, enrollment, and other questions you may have. The telephone number is: (831) 459-4125, fax (831) 459-2935, or email: lira@chemistry.ucsc.edu. Office hours are 10:00 a.m. to 12 noon and 1:00 p.m. to 2:30 p.m. Monday through Friday. The office is closed during the lunch hour, 12 noon. to 1:00 p.m.

Advising. The program assistant, Cheryl Lira, will assist you in planning your schedule and verify any transfer courses or AP credits toward the major requirements.

Transfer Courses. Most transfer students have completed courses, such as General Chemistry, that may count as pre-requisites for requirements in the major. To receive approval for prior college credit, you must provide the following verification:

- a) a photocopy of unofficial transcript(s) or grade reports showing the course with a passing grade of "C" or better; grades of "C-minus" or "D" will not count toward major requirements;
- b) if the course(s) are not from a California Community College, provide a photocopy of the catalog course description, syllabi, and the name of the textbook, author, and edition

First-Year Lower Division Major Requirements. Required courses are General Chemistry, Chemistry 1A, 1B/M and 1C/N; Calculus, Math 11A, 11B, and 22 for Chem BA and Biochemistry and Molecular Biology or Math 19A, 19B and 22 for Chem BS majors; for biochemistry and molecular biology majors, Cell & Molecular Biology, Biology 20A and Structure and Function of Organisms, and Biology 20B.

Second-Year Lower Division Major Requirements. Required courses are Organic Chemistry, Chemistry 108A/L and 108B/M (for Chemistry BA & Biochemistry and Molecular Biology majors) or Chemistry 112A/L, 112B/M and 112C/N (for Chemistry BS or Biochemistry and Molecular Biology majors), Physics, calculus-based, Physics 6A/L, 6B/M, 6C/N.

Declaration of Major. Junior transfer students formally declare the major by the deadline during their second quarter. At that time the advisor will discuss the senior requirement, academic plans, and career opportunities, and other questions you may have.