

SCIENCE WITH A CONCENTRATION IN CHEMISTRY SINGLE SUBJECT MATTER PREPARATION PROGRAM

¹ CHEM 389 may be taken for one unit twice, but must be taken for a total of two units. CHEM 389 must be with a teacher or involve teaching in some capacity.

Course requirements for the Single Subject Matter Preparation Program, in conjunction with the Professional Education Program, lead to a single subject teaching credential.

In most majors, candidates for this credential will normally fulfill the Single Subject Matter Preparation Program by completing the appropriate education option in the major. Any exceptions to this procedure are noted at the end of this section. In addition to the Single Subject Matter Preparation Program, completion of an additional professional education program is required to qualify for a California teaching credential. Information for prerequisites and other admission requirements to professional education (credential) programs is available through the School of Education (<https://www.csuchico.edu/soe/>).

Your department credential advisor is responsible for verifying that the Single Subject Matter Preparation Program has been completed. If you are interested in obtaining a teaching credential, confer with the appropriate credential advisor early in your University career. Department credential advisors can assist you in planning an educational program that meets both major and credential requirements.

Subject matter preparation requirements are governed by state legislative action and approval of the California Commission on Teacher Credentialing. Requirements may change between catalogs. Please consult with your department credential advisor for current information.

Completion of one of these degrees—the Chemistry BA (<https://catalog.csuchico.edu/colleges-departments/college-natural-sciences/chemistry-biochemistry/chemistry-ba/#programrequirements>), Chemistry BS (<https://catalog.csuchico.edu/colleges-departments/college-natural-sciences/chemistry-biochemistry/chemistry-bs/#programrequirements>), or the Biochemistry BS (<https://catalog.csuchico.edu/colleges-departments/college-natural-sciences/chemistry-biochemistry/biochemistry-bs/#programrequirements>)—and the additional courses listed below, along with a professional education program, fulfills all requirements for the Single Subject Matter Preparation Program in Science with a Concentration in Chemistry.

Course	Title	Units
BIOL 161	Principles of Ecological, Evolutionary, and Organismal Biology	4
BIOL 162	Principles of Cellular and Molecular Biology	4
CHEM 389	Internship in Chemistry ¹	1-3
ERTH 102	Physical Geology	3
ERTH 300W	Earth System Science (W)	3
Total Units		15-17