



DIVISION OF MATHEMATICS, SCIENCES, AND ENGINEERING

CHEMISTRY FOR TRANSFER

ASSOCIATE IN SCIENCE DEGREE

The **Associate in Science in Chemistry for Transfer** (AS-T) Degree is intended to meet the lower division requirements for Chemistry majors (or similar majors) at a CSU campus that offers a Chemistry baccalaureate degree.

In addition to the courses listed below, the following additional requirements must be met for completion of the AS-T Degree in Chemistry:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. Achievement of a minimum GPA of at least 2.0 in all CSU-transferable coursework (some majors may require a higher GPA; students should consult with a counselor for more information).
3. Completion of the major with a grade of "C" or better in each course or a "P" if the course was taken on a Pass/No Pass basis and the "P" is equal to a "C" or better.
4. Certified completion of the California State University General Education-Breadth (CSU GE) for STEM pattern or the Intersegmental General Education Transfer Curriculum (IGETC) for STEM pattern. (The use of the IGETC for STEM pattern allows for the completion of the degree within 60 units.)

Required Courses		Units	N	IP	C
CHEM 130	*General Chemistry	5			
CHEM 140	*General Chemistry	5			
CHEM 230	*Organic Chemistry I	5			
CHEM 231	*Organic Chemistry II	5			
MATH 190/H	*Calculus I/*Honors	4			
MATH 191	*Calculus II	4			
PHY 211	*Physics for Scientists and Engineers I	4			
PHY 213	*Physics for Scientists and Engineers III	4			
Required Subtotal		36			
CSU GE for STEM or IGETC for STEM Pattern		varies			
Transferable Electives		as needed to reach 60 transferable units			
Total units needed for Associate in Science for Transfer		60			
*Prerequisite/Corequisite					

NOTE: Students are advised to check with the Counseling Department or Transfer Center for the courses accepted into the Chemistry major at the CSU where they seek transfer.