



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 36 semester units in the major with a grade of "C" or better.
4. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) for STEM pattern.

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.

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