Chemistry
Transfer
AS Degree in Chemistry

Chemistry Program
Counseling and Advising: (530) 895-2378
Transfer Counseling Center: (530) 895-2264
Transfer Information: www.assist.org
Department Office: TE 132, (530) 879-6106
Michael Panunto, Chair (530) 895-2229

About the Program
The transfer major listed here partially reflects requirements for CSU, Chico.
Students planning to transfer should contact a counselor for more information on
program and transfer requirements.

To obtain an Associate's degree, students must complete both the major
requirements and the graduation requirements listed in this catalog.

Note that some courses have a prerequisite (P), corequisite (C), or both (P/C).
Prerequisites and corequisites are listed within each course description in this
catalog.

Transfer majors designated as AA-T or AS-T are designed for transfer to a similar
major at an unspecified CSU. Transfer majors designated as AA or AS are
designed for transfer to the corresponding major at a specific CSU and are based
on articulation. See a counselor for more information. Read about the difference
between these types of degrees at the beginning of the Transfer section of this
catalog.

AS Degree in Chemistry 60 Units Minimum

Student Learning Outcomes
Upon successful completion of this program, the student will be able to:

• Demonstrate basic experimental knowledge through data gathering,
  judging the accuracy and reliability of data, creating informative graphs, and
discussing the limitations of experimental designs.
• Demonstrate basic analytical skills by interpreting graphs and schematics and
diagnosing realistic physical problems.
• Demonstrate conceptual understanding by being able to describe qualitatively
  the underlying causes of basic physical phenomena.

Required courses for the major: 40 Units

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>CHEM 1</td>
<td>General Chemistry I</td>
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<tr>
<td>CHEM 2</td>
<td>General Chemistry II</td>
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<td>CHEM 21</td>
<td>Organic Chemistry I</td>
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<td>MATH 30</td>
<td>Analytic Geometry and Calculus I</td>
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<td>MATH 31</td>
<td>Analytic Geometry and Calculus II</td>
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<td>MATH 32</td>
<td>Analytic Geometry and Calculus III</td>
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<td>PHYS 41</td>
<td>Physics for Scientists and Engineers I</td>
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<td>PHYS 42</td>
<td>Physics for Scientists and Engineers II</td>
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<td>PHYS 43</td>
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