

# CHEMISTRY

## ASSOCIATE IN SCIENCE

Chemistry is the study of materials and energy. Take a chemistry class to learn more about yourself and the world around you or take more classes and earn an A.S. degree in chemistry.

**Credits Required:** 66

**Major Advisor:** Dr. Doug Ecoff  
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### Recommended Course Sequence

**SEM 1:** CHEM 124, MATH 115

**SEM 2:** CHEM 126, MATH 130

**SEM 3:** CHEM 204, PHYS 201 or PHYS 203

**SEM 4:** CHEM 207, PHYS 205 or PHYS 208

### After Graduation

Transfer to a four-year college to complete a bachelor's degree to work in industry, education, or government. See the wide range of career opportunities: Chemistry Careers-American Chemistry Society, <http://www.acs.org/content/acs/en/careers/college-to-career/chemistry-careers.html>

For general employment information see the Occupational Outlook Handbook; <http://www.bls.gov/ooh/>

<b>Concentration Requirements</b>		35
<input type="checkbox"/>	CHEM 124 College Chemistry I	5
<input type="checkbox"/>	CHEM 126 College Chemistry II	5
<input type="checkbox"/>	CHEM 204 Organic Chemistry I	5
<input type="checkbox"/>	CHEM 207 Organic Chemistry II	5
<input type="checkbox"/>	MATH 130 Calculus I	5
<input type="checkbox"/>	PHYS 201 College Physics I <i>or</i>	
<input type="checkbox"/>	PHYS 203 Engineering Physics I	5
<input type="checkbox"/>	PHYS 205 College Physics II <i>or</i>	
<input type="checkbox"/>	PHYS 208 Engineering Physics II	5
<b>Pathway Requirements</b>		31
<b>Written Communication</b>		
<input type="checkbox"/>	ENGL 101 English Composition I	3
<input type="checkbox"/>	ENGL 102 English Composition II	3
<b>Verbal Communication</b>		
<input type="checkbox"/>	COMM 101 Public Speaking	3
<b>Quantitative/Analytic Methods</b>		
<input type="checkbox"/>	MATH 115 College Algebra or higher	3
<b>Human Experience</b>		
	Choose one class	
<input type="checkbox"/>	_____	3
<b>Human Systems/No companion Elements</b>		
	Choose one class	
<input type="checkbox"/>	_____	3
<b>Human Systems/Diverse Perspectives</b>		
	Choose two classes	
<input type="checkbox"/>	_____	3
<input type="checkbox"/>	_____	3
<b>Human Systems/Social Responsibility</b>		
	Choose one class	
<input type="checkbox"/>	_____	3
<b>Natural World/Scientific Inquiry</b>		
	Met through Concentration	
<b>Wellness Strategies/No Companion Elements</b>		
	Choose one class	
<input type="checkbox"/>	_____	1
<b>Wellness Strategies/Scientific Inquiry</b>		
<input type="checkbox"/>	PSYC 101 General Psychology	3

Courses designated as Physical Science, Natural Science, Humanities, Social Behavioral and General Education electives can be found on page 92.

Placement Tests or pre-requisites are required for English Composition I, and Math courses. See page 26 for complete Placement information.

Some courses are not offer each semester. Always make an appointment with your major advisor to enroll each semester.