

## CHEMISTRY

### ACADEMIC CURRICULUM MAP

An academic map is a suggested two-year schedule of courses based on degree requirements. This sample schedule serves as a general guideline to help build a full schedule each term. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years.

**This map is not a substitute for academic advisement**—contact your advisor if you have any questions about scheduling or about your degree requirements. Also see the current academic catalog for a complete list of requirements and electives. Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact an advisor, the department and/or program area for current information.

First Year					
First Semester			Second Semester		
Course	Credit Hours	Notes	Course	Credit Hours	Notes
English 010 ENGL 101 or ENGL 103	3		English 010 ENGL 102	3	
Communication 020	3		Natural & Physical Sciences 040	5	
Math & Statistics 030	3		Arts & Humanities 060	3	
MATH 130 Calculus	5		MATH 131 Calculus II	5	
Total Hours	<b>14</b>		Total Hours	<b>16</b>	
Second Year					
First Semester			Second Semester		
Course	Credit Hours	Notes	Course	Credit Hours	Notes
Social and Behavioral Science 050	3		Social and Behavioral Science 050	3	
Personal & Professional Behavior 070	3		Arts & Humanities 060	3	
CHEM 124 College Chemistry I	5		Personal & Professional Behavior 070	3	
PHYS 201 College Physics I	5		CHEM 126 College Chemistry II	5	
Total Hours	<b>16</b>		Total Hours	<b>14</b>	

**You may choose to attend a summer term to reduce your load during fall or spring terms but still stay on track to graduate in two years. NOTE: Learning Support courses will alter the sequences on this map.**

**Systemwide General Education Key:**

010 English                                      020 Communication                      030 Math & Statistics                      040 Natural & Physical Sciences  
 050 Social & Behavioral Sciences              060 Arts & Humanities                      070 Personal & Professional Behavior

General Electives can be found on page 53  
 Statewide General Education Requirements can be found on page 56

# 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:** 60

**General Advisor:** April Bolinger  
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**Recommended Courses:**  
MATH 115 Math & Statistics

### 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/>

<u>Concentration Requirements</u>		25
<input type="checkbox"/>	CHEM 124 College Chemistry I	5
<input type="checkbox"/>	CHEM 126 College Chemistry II	5
<input type="checkbox"/>	MATH 130 Calculus I	5
<input type="checkbox"/>	MATH 131 Calculus II	5
<input type="checkbox"/>	PHYS 201 College Physics I	5

<u>General Education Requirement</u>		35
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### English

<input type="checkbox"/>	ENGL 101 English Composition I	or
	ENGL 103 English Composition I with Review	3
<input type="checkbox"/>	ENGL 102 English Composition II	3

### Communication

Choose one class

<input type="checkbox"/>	_____	3
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### Math & Statistics

Choose one class

<input type="checkbox"/>	_____	3
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### Natural & Physical Science

Choose one class

<input type="checkbox"/>	_____	5
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### Social & Behavioral Sciences

Choose two classes from different subject areas

<input type="checkbox"/>	_____	3
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<input type="checkbox"/>	_____	3
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### Arts & Humanities

Choose two classes from different subject areas

<input type="checkbox"/>	_____	3
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<input type="checkbox"/>	_____	3
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### Personal & Professional Behavior

Choose two classes

<input type="checkbox"/>	_____	3
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<input type="checkbox"/>	_____	3
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General Electives can be found on page 53  
Statewide General Education Requirements can be found on page 56