

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	14		Total Hours	16	
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	16		Total Hours	14	

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
620-820-1194
aprilb@labette.edu

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