

ASSOCIATE IN SCIENCE: CHEMISTRY PRE-MAJOR



CONTACT US

For general questions, contact:

advising@swic.edu

For Chemistry questions, contact:

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AREA OF INTEREST

Science, Technology,
Engineering &
Mathematics

TOTAL CREDITS REQUIRED

64

CATALOG YEAR

2022-2023

PROGRAM

Associate in Science

TYPE

Transfer

ACADEMIC PLAN

0002

TUITION

\$8,128 plus books fees

CAMPUS LOCATIONS

Belleville
Sam Wolf Granite City
Red Bud Online



DESCRIPTION

Chemistry provides the basis for medicine, biomedical technology, ceramics, polymers, metallurgy, environmental and ecological sciences and many other fields. Students may pursue one of these fields or may choose a special interest in a specific area of chemistry such as analytical chemistry, biochemistry, organic chemistry, physical chemistry, colloid and surface chemistry, polymer chemistry or biology.



EMPLOYMENT OPPORTUNITIES

A variety of careers are open to students who graduate with a bachelor's degree in chemistry including:

Pharmacologist	Toxicologist
Biochemist	Quality control specialist
Pharmacist	Chemical technician
Teacher	Crime lab analyst
Chemical engineer	Product tester

Career Information for Chemistry Majors



COURSE SEQUENCE BY TERM

The following is the suggested course sequence by term. Please keep in mind:

- The course sequence is laid out by suggested term and may be affected when students enter the program at different times of the year.
- Initial course placement is determined by current district placement measures and/or completion of 100-200 level course and/or program requirements.
- Students should meet with an academic advisor about any concerns that may affect course enrollment.
- **This guide includes course suggestions for students undecided on where they plan to transfer. If you know where you are transferring to for your bachelor's, follow that institution's transfer requirements.**

ASSOCIATE IN SCIENCE: Chemistry

Student's Name: _____

Date: _____



Course #	Course Name	Requisites	Taken	Credits
Term 1				
COMM 151	<i>Public Speaking</i>			3
HES 151	<i>Personal Health & Wellness</i>			2
ENG 101	<i>Rhetoric & Comp I</i>			3
BIOL 101	<i>Principles of Biology</i>			4
MATH 112**	<i>College Algebra**</i>			4
Term 2				
ENG 102	<i>Rhetoric & Composition II</i>	<i>Grade of C or higher in ENG 101</i>		3
MATH 114	<i>Trigonometry</i>	<i>Grade of C or higher in MATH 112</i>		3
BIOL 102	<i>Principles of Biology II</i>	<i>Grade of C or higher in BIOL 101</i>		4
ART 103/MUS 110	<i>Non-western Art OR World Music</i>			3
SOC 153	<i>Intro to Sociology</i>			3
Term 3				
HUM*	<i>General Humanities*</i>			3
HES 130	<i>Physical Fitness I</i>			1
MATH 203	<i>Analytic & Geometry Calc I</i>	<i>Grade of C or higher in MATH 114</i>		5
CHEM 105	<i>General Chemistry I</i>	<i>CHEM 101 with C or higher OR 1 year of HS CHEM</i>		5
Term 4				
MATH 204	<i>Analytic & Geometry Calc II</i>	<i>Grade of C or higher in MATH 203</i>		5
CHEM 106	<i>General Chemistry II</i>	<i>Grade of C or higher in CHEM 105</i>		5
PHYS 204	<i>Physics – Mechanics</i>	<i>Grade of C or higher in MATH 203</i>		4
S/S*	<i>Social Science*</i>			3
HES 131	<i>Physical Fitness II</i>	<i>HES 130</i>		1
			TOTAL:	64

*See Academic Advisor for course options.

**If student places higher than Math 112 through multiple measures OR placement test, please see Academic Advisor for different plan.

GET STARTED

Find the [Steps to Enrollment](#) on SWIC.edu

CHOOSE A TRANSFER SCHOOL

[SIUE Chemistry Pathway](#)

4/5/2022