




Associate of Science in Chemistry 2025 – 2026 Academic Plan

This academic plan is a semester-by-semester guide for the college-ready student. Students should consider bachelor's degree requirements at transfer institutions, potential for continuing education to a graduate degree, and future career goals when selecting specific courses. This plan is not a substitute for meeting with an [Advising Specialist](#) or full-time Faculty Advisor.

Academic Plan: Fall 1 st Year			Notes
Requirement	Course	Credits	<ul style="list-style-type: none"> BIO103, CHM111, and MTH180 with grades of "C" or better are prerequisites for future coursework.
FYEX	*First Year Experience	1	
MATH	MTH180 Calculus I	5	
NSCI^	BIO103 Biology for Majors I	4	
NSCI^	CHM111 General Chemistry I	5	
		Total Credits	15
Academic Plan: Spring 1 st Year			Notes
Requirement	Course	Credits	<ul style="list-style-type: none"> BIO104 and CHM112 with grades of "C" or better are prerequisites for future coursework.
WCOM^	ENG101 English Composition I	3	
CPLT	*Computer Literacy	3	
CORE	BIO104 Biology for Majors II	4	
CORE	CHM112 General Chemistry II	5	
		Total Credits	15
Academic Plan: Summer 1 st Year			Notes
COMM^	*Communications	3	
HU/SB^	* Humanities and Fine Arts OR Social and Behavioral Sciences	3	
		Total Credits	6
Academic Plan: Fall 2 nd Year			Notes
Requirement	Course	Credits	<ul style="list-style-type: none"> CHM200 and MTH185 with grades of "C" or better are prerequisites for future coursework.
HU/SB^	* Humanities and Fine Arts OR Social and Behavioral Sciences	3	
CIVI^	*Civics and PSC001 MO Civics Requirement	3	
CORE	CHM200 Organic Chemistry I	5	
CORE	MTH185 Calculus II	5	
		Total Credits	16
Academic Plan: Spring 2 nd Year			Notes
Requirement	Course	Credits	
CORE	BIO220 Biophysics	5	
CORE	CHM201 Organic Chemistry II	5	
ELEC	*Elective	4	
		Total Credits	14
		Total Program Credits	66

*For a list of elective and general education courses visit, the [degree/certificate plan webpage](#).

^This general education requirement must be met by a MOTR equivalent course; see [MOTR webpage](#). 

The Computer Literacy (CPLT) requirement must be completed with a grade of "C" or better.