


Associate of Applied Science in Biotechnology 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, BIO240, and CHM111 with grades of "C" or better are prerequisites for future coursework.
FYEX	*First Year Experience	1	
NSCI^	BIO103 Biology for Majors I	4	
NSCI^	CHM111 General Chemistry I	5	
CORE	BIO240 Biotechnology for Majors I	4	
		Total Credits	14
Academic Plan: Spring 1 st Year			Notes
Requirement	Course	Credits	<ul style="list-style-type: none"> BIO104 and 250 are corequisites. BIO104, BIO250 and MATH with grades of "C" or better are prerequisites for future coursework. MTH132 is recommended for MATH requirement. CHM112 is recommended ELEC if planning to enroll in future CHM210.
CORE	BIO104 Biology for Majors II	4	
CORE	BIO250 Biotechnology for Majors II	4	
ELEC	*Science Elective	4	
MATH	*Mathematical Science	3	
		Total Credits	15
Academic Plan: Fall 2 nd Year			Notes
Requirement	Course	Credits	<ul style="list-style-type: none"> CHM200 required if planning to enroll in future CHM210 as ELEC.
WCOM^	ENG101 English Composition I	3	
CIVI^	*Civics and PSC001 MO Civics Requirement	3	
SBSC^	SOC101 General Sociology	3	
CPLT	*Computer Literacy	3	
CORE	BIO260 Biotechnology for Majors III	4	
		Total Credits	16
Academic Plan: Spring 2 nd Year			Notes
Requirement	Course	Credits	<ul style="list-style-type: none"> INT193 and 194 require instructor permission and minimum 2.0 GPA. If CHM210 is chosen ELEC, CHM201 is a corequisite.
COMM^	*Communications	3	
CORE	BIO220 Biophysics	5	
CORE	INT193 Technical Internship or INT194 Technical Research	3	
ELEC	*Science Elective	4	
		Total Credits	15
		Total Program Credits	60

*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.