




## 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 <sup>st</sup> Year			Notes
Requirement	Course	Credits	<ul style="list-style-type: none"> <li>BIO103, BIO240, and CHM111 with grades of "C" or better are prerequisites for future coursework.</li> </ul>
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	
		<b>Total Credits</b>	14
Academic Plan: Spring 1 <sup>st</sup> Year			Notes
Requirement	Course	Credits	<ul style="list-style-type: none"> <li>BIO104 and 250 are corequisites.</li> <li>BIO104, BIO250 and MATH with grades of "C" or better are prerequisites for future coursework.</li> <li>MTH132 is recommended for MATH requirement.</li> <li>CHM112 is recommended ELEC if planning to enroll in future CHM210.</li> </ul>
CORE	BIO104 Biology for Majors II	4	
CORE	BIO250 Biotechnology for Majors II	4	
ELEC	*Science Elective	4	
MATH	*Mathematical Science	3	
		<b>Total Credits</b>	15
Academic Plan: Fall 2 <sup>nd</sup> Year			Notes
Requirement	Course	Credits	<ul style="list-style-type: none"> <li>CHM200 required if planning to enroll in future CHM210 as ELEC.</li> </ul>
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 II	4	
		<b>Total Credits</b>	16
Academic Plan: Spring 2 <sup>nd</sup> Year			Notes
Requirement	Course	Credits	<ul style="list-style-type: none"> <li>INT193 and 194 require instructor permission and minimum 2.0 GPA.</li> <li>If CHM210 is chosen ELEC, CHM201 is a corequisite.</li> </ul>
COMM^	*Communications	3	
CORE	BIO220 Biophysics	5	
CORE	INT193 Technical Internship or INT194 Technical Research	3	
ELEC	*Science Elective	4	
		<b>Total Credits</b>	15
		<b>Total Program Credits</b>	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.