



BIOMANUFACTURING TECHNOLOGIES A.A.S.

The following plan is for students matriculating in the **2025-2026** academic year.

This suggested sequencing plan is provided as a courtesy. The official degree requirements sheet is used to determine eligibility for graduation.

The sequence below is designed for completion within two years; not following the sequence may delay degree completion.

YEAR 1				FALL (15 hours)	
ENGL	1113	English Composition I			Prerequisites: [R], [W]
MATH	1483	Mathematical Functions and Their Uses			Prerequisite: [M]
CHEM	1154	General, Organic & Biochemistry			Prerequisite: [R]
BMFT	1113	Introduction to Laboratory Management	FA Only 1st 8 weeks		Prerequisites: [R], [W]
BMFT	1002	Aseptic Techniques	FA Only 2nd 8 weeks		Prerequisites: [R], [W], [M]
SPRING (16 hours)					
HIST	1483	U.S. History to 1865 OR			
HIST	1493	U.S. History Since 1865			Prerequisites: [R], [W]
POLS	1113	American Government			Prerequisites: [R], [W]
BIOL	1303	Principles of Biology			Prerequisites: [R], ICSM 0113
BIOL	1311	Principles of Biology Lab			Prerequisites: [R], ICSM 0113
BMFT	1102	Basic Laboratory Operations			Prerequisites: MATH 1483 or 1513, CHEM 1154
BMFT	1154	Introduction to Laboratory Equipment			Prerequisite: CHEM 1154
YEAR 2				FALL (17 hours)	
CHEM	1315	General Chemistry I			Prerequisites: MATH 1483 or 1513, CHEM 1104 or High School CHEM
ENGL	1213	English Composition II OR			Prerequisite: ENGL 1113
ENGL	2333	Intro to Report Writing			
BMFT	2254	Downstream Laboratory Operations			Prerequisites: BIOL 1303, 1311
BMFT	2203	Bioreactors and Cell Culture	FA Only 1st 8 weeks		Prerequisites: BIOL 1303, 1311, BMFT 1002
BMFT	2232	Cell Harvesting	FA Only 2nd 8 weeks		Prerequisites: BIOL 1303, 1311
SPRING (13 hours)					
BMFT	2353	Advanced Laboratory Management			Prerequisite: BMFT 1113
BMFT	2302	Current Practices in Biomanufacturing	SP Only 1st 8 weeks		Prerequisite: BMFT 1102
BMFT	2332	Regulatory Compliance in Biomanufacturing	SP Only 2nd 8 weeks		Prerequisite: BMFT 2254
BMFT	2273	Chromatography			Prerequisite: CHEM 1315
BMFT	2373	Industry Practicum	SP Only 2nd 8 weeks		Final Semester
Submit graduation application with enrollment.					

Total Hours: 60

ADDITIONAL GRADUATION REQUIREMENTS

- 2.0 Graduation/Retention GPA
- 15 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

LEGEND

- [R] Reading Proficiency/Placement
- [W] Writing Proficiency/Placement
- [M] Math Proficiency/Placement
- FA = Fall SP = Spring SU = Summer