



BIOMANUFACTURING TECHNOLOGIES A.A.S.

The following plan is for students matriculating in or before the academic year **2024-2025**

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

For official degree requirements visit <https://osuokc.edu/academics/degrees>

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

Some courses are not offered every semester, as noted on the plan below.

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	1st 8 weeks FA Only	Prerequisites: [R], [W]
BMFT 1002	Aseptic Techniques	2nd 8 weeks FA Only	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 ENGL 2333	Intro to Report Writing
			Prerequisite: ENGL 1113
BMFT 2254	Downstream Laboratory Operations		Prerequisites: BIOL 1303, 1311
BMFT 2203	Bioreactors and Cell Culture	1st 8 weeks FA Only	Prerequisites: BIOL 1303, 1311, BMFT 1002
BMFT 2232	Cell Harvesting	2nd 8 weeks FA Only	Prerequisites: BIOL 1303, 1311
SPRING (13 hours)			
BMFT 2353	Advanced Laboratory Management		Prerequisite: BMFT 1113
BMFT 2302	Current Practices in Biomanufacturing	1st 8 weeks SP Only	Prerequisite: BMFT 1102
BMFT 2332	Regulatory Compliance in Biomanufacturing	2nd 8 weeks SP Only	Prerequisite: BMFT 2254
BMFT 2273	Chromatography		Prerequisite: CHEM 1315
BMFT 2373	Industry Practicum	2nd 8 week SP Only	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