



LABORATORY PRACTICES CERTIFICATE, EMBEDDED IN BIOMANUFACTURING A.A.S

The following plan is for students matriculating in or before the academic year **2023-2024**

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 of a certificate within one year; not following the sequence may delay certificate completion as well as progression through A.A.S in Biomanufacturing degree.

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

YEAR 1				FALL (15 hours)
MATH 1483	Mathematical Functions and Their Uses			<i>Prerequisite: [M]</i>
ENGL 1113	English Composition I			<i>Prerequisite: [R] [M]</i>
CHEM 1154	General, Organic, and Biochemistry			<i>Prerequisite: [R] [M]</i>
BMFT 1113	Introduction to Laboratory Management	1st 8-weeks FA ONLY		<i>Prerequisites: [R] [W]</i>
BMFT 1002	Aseptic Techniques	2nd 8-weeks FA ONLY		<i>Prerequisites: [R] [W] [M]</i>
				SPRING (16 hours)
HIST 1483 or HIST 1493	U.S. History to 1865 U.S. History since 1865			<i>Prerequisites: [R] [W]</i> <i>Prerequisites: [R] [W]</i>
POLS 1113	American Government			<i>Prerequisites: [R] [W]</i>
BIOL 1303	Principles of Biology			<i>Prerequisites: [R] ICSM 0113</i>
BIOL 1311	Principles of Biology Laboratory			<i>Prerequisites: [R] ICSM 0113</i>
BMFT 1102	Basic Laboratory Operations			<i>Prerequisites: MATH 1483 or 1513, CHEM 1154</i>
BMFT 1134	Introduction to Laboratory Equipment			<i>Prerequisite: CHEM 1154</i>

Total Hours: 31

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