

REQUIREMENTS FOR THE GRADUATE CERTIFICATE
GALLOGLY COLLEGE OF ENGINEERING
THE UNIVERSITY OF OKLAHOMA

Academic Year
For Students Entering the Oklahoma State System for Higher Education Summer 2024 through Spring 2025

General Requirements
Minimum Total Hours 12

Program
Bioprocessing
G245
Graduate Certificate

Minimum Total Hours: 12

Program Code: G245

Certificate Requirements

Code	Title	Credit Hours
Required Courses		
CH E/BME 5423	Genetic Engineering and Biotechnology	3
CH E/BME 5243	Biochemical Engineering	3
CH E 5583	Advanced Techniques in Biomanufacturing	3
Electives		
Choose one course from the following:		3
CH E/BME 5373	Tissue Engineering	
CH E 5203	Bioengineering Principles	
DSA 5103	Intelligent Data Analytics	
Total Credit Hours		12

A graduate *certificate* is not a graduate *degree*. A graduate degree represents a program of independent inquiry beyond the depth of coursework alone, while a graduate certificate represents a set of courses only.

- All courses must be taken at OU. No transfer credit will apply.
- No course substitutions are permitted for graduate certificates.
- Coursework applied to a graduate certificate cannot be more than five years old as of the semester the graduate certificate is awarded.
- Students must earn a grade point average of 3.00 or higher on all coursework applied to the graduate certificate.

More information in the catalog: (<http://ou-public.courseleaf.com/gallogly-engineering/chemical-biological-materials-engineering/bioprocessing-graduate-certificate/>).