

# GRADUATE CERTIFICATE IN BIOPROCESS ENGINEERING

---

## Requirements Effective Fall 2025

Additional coursework may be required due to prerequisites.

| Code                                              | Title                                      | Credits   |
|---------------------------------------------------|--------------------------------------------|-----------|
| <b>Core Courses</b>                               |                                            |           |
| CBE 504/BIOM 504                                  | Fundamentals of Biochemical Engineering    | 3         |
| CBE 522/BIOM 522                                  | Bioseparation Processes                    | 3         |
| Select a minimum of 4 credits from the following: |                                            | 4         |
| BUS 500                                           | Foundations for Business Impact            |           |
| BUS 620                                           | Leadership and Teams                       |           |
| CBE 505                                           | Biochemical Engineering Laboratory         |           |
| CBE 560                                           | Engineering of Protein Expression Systems  |           |
| CBE 570                                           | Biomolecular Engineering/Synthetic Biology |           |
| <b>Program Total Credits:</b>                     |                                            | <b>10</b> |

\*This certificate may have courses in common with other graduate certificates. A student may earn more than one certificate, but a given course may be counted only in one certificate.