

# Biomanufacturing Online Graduate Certificate

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or BUS 554 Project Management

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**Total Hours** **12**

For distance education students, the Online Biomanufacturing Graduate Certificate is an excellent option for gaining a BTEC credential without being onsite. The Online Biomanufacturing Graduate Certificate is only available to online students enrolled through the Engineering Online program(opens in a new window).

Each certificate requires 12 hours of graduate coursework, which can be transferred to the Master of Biomanufacturing program.

## More Information

Online Biomanufacturing Graduate Certificate program website ([https://www.btec.ncsu.edu/academic/graduate/graduate\\_certificate.php](https://www.btec.ncsu.edu/academic/graduate/graduate_certificate.php))

## Admission requirements

To enroll in a BTEC certificate program, applicants must meet the following conditions:

1. Applicants must hold a bachelor’s degree in science or an engineering discipline.
2. Applicants must have a minimum GPA of 3.0 or have completed a 500-level BTEC (BEC) course with a grade of B- or better.
3. Applicants must apply through the NC State Graduate School.

## Applicant Information

- **Delivery Method:** Online
- **Entrance Exam:** None
- **Interview Required:** None

## Application Deadlines

Please visit The Graduate School Application Deadlines (<https://grad.ncsu.edu/admissions/deadlines/>) page for more information.

## Plan Requirements

| Code                    | Title                                                                      | Hours     | Counts towards |
|-------------------------|----------------------------------------------------------------------------|-----------|----------------|
| <b>Required Courses</b> |                                                                            | <b>12</b> |                |
| BEC 591                 | cGMP<br>Biomanufacturing<br>Operations                                     |           |                |
| BEC 575                 | Global<br>Regulatory<br>Affairs for<br>Medical Products                    |           |                |
| BEC 577                 | Advanced<br>Biomanufacturing<br>and Biocatalysis                           |           |                |
| EGR 590                 | Special Topics<br>in Engineering<br>(Engineering<br>Project<br>Management) |           |                |