

Process Science, Graduate Certificate

The graduate certificate in process sciences has been designed in response to a need in the biotechnology industry for individuals with an advanced knowledge of the principles and practices of process development of biopharmaceuticals. Individuals, particularly those who are working in the various sectors of biotechnology including basic research of biological systems, discovery, development and manufacturing of biopharmaceuticals, will improve their competency and learn new practical skills enabling them to increase productivity and further contribute to their professions.

Program Requirements

Complete all courses and requirements listed below unless otherwise indicated.

Core Requirements

| Code | Title | Hours |
|-----------|--|-------|
| BIOT 5400 | Scientific Information Management for Biotechnology Managers | 3 |
| BIOT 5560 | Bioprocess Fundamentals | 3 |
| BIOT 5635 | Downstream Processes for Biopharmaceutical Production | 3 |
| BIOT 5640 | Drug Product Processes for Biopharmaceuticals | 3 |

Program Credit/GPA Requirements

12 total semester hours required

Minimum 3.000 GPA required