

**PART TIME PATHWAY
OPTION I**

| | Fall Semester | Spring Semester |
|---|---|--|
| 1st year (Fall 2023 – Spring 2024) | ENG 400: Technical Writing (3 Units) BIOT 407: Advanced Topics in QA & RA (4 Units) Elective (3 Units) | BIOT 402: Design of Experiments (4 Units) BIOT 403: Design of Biomanufacturing Facilities (4 Units) Elective (3 Units) |
| 2nd year (Fall 2023 – Spring 2024) | BIOT 401: Bioprocess Science & Engineering Principles (5 Units) BIOT 406: Supply Chain & Resource Planning (3 Units) | BIOT 404*: Bioprocess Monitoring & Control (5 Units) BUS 400: Project Management (3 Units) Elective (3 Units) |
| 3rd year (Fall 2023 – Spring 2024) | PHIL 400: Bioethics (3 Units) BIOT 408: Six Sigma & Lean Manufacturing (4 Units) BIOT 405: Emerging Technologies (3 Units) | BIOT 410*: Emerging Trends in Quality (3 Units) BIOT 409*: Methods in Quality Improvements and Audits (4 Units) Elective (3 Units) |

* BIOT 404 has BIOT 401 as a prerequisite. BIOT 409 and BIOT 410 have BIOT 407 as a prerequisite.

**PART TIME PATHWAY
OPTION II**

| | Fall Semester | Spring Semester |
|---|--|--|
| 1st year (Fall 2023 – Spring 2024) | ENG 400: Technical Writing (3 Units) BIOT 407: Advanced Topics in QA & RA (4 Units) Elective (3 Units) | BUS 400: Project Management (3 Units) BIOT 409*: Methods in Quality Improvements and Audits (4 Units) |
| 2nd year (Fall 2023 – Spring 2024) | BIOT 401: Bioprocess Science & Engineering Principles (5 Units) Elective (3 Units) | BIOT 404*: Bioprocess Monitoring & Control (5 Units) BIOT 410*: Emerging Trends in Quality (3 Units) |
| 3rd year (Fall 2023 – Spring 2024) | BIOT 405: Emerging Technologies (3 Units) PHIL 400: Bioethics (3 Units) Elective (3 Units) | BIOT 402: Design of Experiments (4 Units) BIOT 403: Design of Biomanufacturing Facilities (4 Units) Elective (3 Units) |
| 4th year (Fall 2023 – Spring 2024) | BIOT 406: Supply Chain & Resource Planning (3 Units) BIOT 408: Six Sigma & Lean Manufacturing (4 Units) | |

* BIOT 404 has BIOT 401 as a prerequisite. BIOT 409 and BIOT 410 have BIOT 407 as a prerequisite.

**PART TIME PATHWAY
OPTION III**

| | Fall Semester | Spring Semester |
|---|---|--|
| 1st year (Fall 2023 – Spring 2024) | ENG 400: Technical Writing (3 Units) BIOT 401: Bioprocess Science & Engineering Principles (5 Units) | BUS 400: Project Management (3 Units) BIOT 404*: Bioprocess Monitoring & Control (5 Units) |
| 2nd year (Fall 2023 – Spring 2024) | BIOT 405: Emerging Technologies (3 Units) BIOT 407: Advanced Topics in QA & RA (4 Units) Elective (3 Units) | BIOT 402: Design of Experiments (4 Units) BIOT 403: Design of Biomanufacturing Facilities (4 Units) |
| 3rd year (Fall 2023 – Spring 2024) | BIOT 406: Supply Chain & Resource Planning (3 Units) PHIL 400: Bioethics (3 Units) | BIOT 409*: Methods in Quality Improvements and Audits (4 Units) Elective (3 Units) |
| 4th year (Fall 2023 – Spring 2024) | BIOT 408: Six Sigma & Lean Manufacturing (4 Units) Elective (3 Units) | BIOT 410*: Emerging Trends in Quality (3 Units) Elective (3 Units) |

* BIOT 404 has BIOT 401 as a prerequisite. BIOT 409 and BIOT 410 have BIOT 407 as a prerequisite.

**PART TIME PATHWAY
OPTION IV**

| | Fall Semester | Spring Semester |
|---|---|--|
| 1st year (Fall 2023 – Spring 2024) | ENG 400: Technical Writing (3 Units) BIO 002: Cell and Molecular Biology Elective (3 Units) | BUS 400: Project Management (3 Units) Elective (3 Units) |
| 2nd year (Fall 2023 – Spring 2024) | BIOT 401: Bioprocess Science & Engineering Principles (5 Units) BIOT 405: Emerging Technologies (3 Units) | BIOT 402: Design of Experiments (4 Units) BIOT 403: Design of Biomanufacturing Facilities (4 Units) |
| 3rd year (Fall 2023 – Spring 2024) | PHIL 400: Bioethics (3 Units) BIOT 407: Advanced Topics in QA & RA (4 Units) Elective (3 Units) | BIOT 404*: Bioprocess Monitoring & Control (5 Units) BIOT 409*: Methods in Quality Improvements and Audits (4 Units) |
| 4th year (Fall 2023 – Spring 2024) | BIOT 406: Supply Chain & Resource Planning (3 Units) BIOT 408: Six Sigma & Lean Manufacturing (4 Units) | BIOT 410*: Emerging Trends in Quality (3 Units) Elective (3 Units) |

* BIOT 404 has BIOT 401 as a prerequisite. BIOT 409 and BIOT 410 have BIOT 407 as a prerequisite.