

BIOLOGY: BIOTECHNOLOGY (3+1)

Name: _____ College ID Number: _____

Date of Matriculation: _____ Email: _____

| Course | Credit | Grade | If transfer, from where? |
|--|----------------------|-------|--------------------------|
| Option 1 a: | | | |
| CH 103/L General Chemistry & Lab (4) | _____ | _____ | _____ |
| CH 104/L General Chemistry & Lab (4) | _____ | _____ | _____ |
| BI elective (300 or 400 level; 4) b | _____ | _____ | _____ |
| Option 2 a: | | | |
| CH 105/L Principles of Chemistry & Lab (4) | _____ | _____ | _____ |
| CH 106/L Principles of Chemistry & Lab (4) | _____ | _____ | _____ |
| CH 104/L General Chemistry II & Lab or †BIOS 1500 Intro. to Biochemistry (4) | _____ | _____ | _____ |
| Biotechnology requirements | | | |
| MAT 212 Statistics (3) b | _____ | _____ | _____ |
| BI 205/L General Biology & Lab (4) | _____ | _____ | _____ |
| BI 200/L Biodiversity & Lab (4) b | _____ | _____ | _____ |
| †BIOS 1200 Lab Skills (5) | _____ | _____ | _____ |
| †BIOS 1600 Adv Mol Separations (4) | _____ | _____ | _____ |
| †BIOS 2100 Applied Microbiology (3) | _____ | _____ | _____ |
| †BIOS 2500 Recombinant DNA Technology (4) | _____ | _____ | _____ |
| †BIOS 2600 Bioscience Manufacturing (5) | _____ | _____ | _____ |
| †BIOS 2550 Introduction to Bioinformatics (1) | _____ | _____ | _____ |
| †BIOS 2800 Bioscience Seminar (1) | _____ | _____ | _____ |
| †BIOS 2400 Tissue Culture (Weeks 1-6; 3) | _____ | _____ | _____ |
| †BIOS 2700 Internship (Weeks 7-16; 5) Unpaid position for either 5 days/week for 8 weeks or 4 days/week for 10 weeks | _____ | _____ | _____ |
| BI 333/L Environmental Microbiology & Lab or BI 420 Molecular Biology (4/3) | _____ | _____ | _____ |
| BI 430/L Cellular and Biochemical Process (4) | _____ | _____ | _____ |
| BI 335/L Genetics & Lab (4) | _____ | _____ | _____ |
| BI 400 Service Learning (1) | _____ | _____ | _____ |
| BI 451 Seminar in Evolution (3) | _____ | _____ | _____ |
| 11 Biology credits (300/400 level) c: | _____ | _____ | _____ |
| BI _____ | _____ | _____ | _____ |
| BI _____ | _____ | _____ | _____ |
| BI _____ | _____ | _____ | _____ |
| PH 260 Bioethics (3) b | _____ | _____ | _____ |
| TOTAL | 81-82 Credits | | |

†Lakeland Community College Courses

a Students who intend to pursue post-undergraduate degrees should complete Option 2.

b Successful completion of the course may be applied to USP satellites.

c Labs are not credited as independent electives. Must be approved by the biotechnology faculty advisor.

d Bioscience Technology Certificate from Lakeland Community College may be earned if students also complete BIOS 1050 Introduction to Bioscience Technology (3) †.

March 2010