

# BIOTECHNOLOGY (BIOT)

Department of Molecular and Cellular Biology, College of Biological Science

## Minor Requirements (Honours)

A minimum of 5.00 credits is required including:

| Code      | Title   | Credits |
|-----------|---|---------|
| BIOC*3560 | Structure and Function in Biochemistry        | 0.50    |
| MBG*2040  | Foundations in Molecular Biology and Genetics | 0.50    |
| MICR*2420 | Introduction to Microbiology                  | 0.50    |
| MICR*2430 | Methods in Microbial Culture and Physiology   | 0.50    |

Select 0.50 credits from the following:

|           |  |      |
|-----------|--|------|
| ENGG*2010 | Introduction to Biological Engineering             | 0.50 |
| ENGG*3010 | Introduction to Bioprocess Engineering             | 0.50 |
| ENGG*4010 | Unit Operations                                    | 0.50 |
| ENGG*4020 | Engineering Sustainability in Food and Agriculture | 0.50 |
| FOOD*2410 | Introduction to Food Processing                    | 0.50 |
| FOOD*2420 | Introduction to Food Microbiology                  | 0.50 |
| FOOD*2620 | Food Engineering Principles                        | 0.50 |

Select 1.00 credits from the following:

|           |   |      |
|-----------|---|------|
| ECON*1050 | Introductory Microeconomics               | 0.50 |
| ECON*1100 | Introductory Macroeconomics               | 0.50 |
| ECON*2100 | Economic Growth and Environmental Quality | 0.50 |
| ECON*2310 | Intermediate Microeconomics               | 0.50 |
| ECON*2410 | Intermediate Macroeconomics               | 0.50 |
| MCS*1000  | Introductory Marketing                    | 0.50 |

Select a minimum of 1.50 credits from the following:

|           |  |      |
|-----------|--|------|
| ANSC*4050 | Biotechnology in Animal Science                          | 0.50 |
| BIOC*4050 | Protein and Nucleic Acid Structure                       | 0.50 |
| BIOC*4540 | Enzymology   | 0.75 |
| BIOL*3300 | Applied Bioinformatics                                   | 0.50 |
| FOOD*3270 | Industrial Microbiology                                  | 0.50 |
| MBG*3660  | Genomics   | 0.50 |
| MBG*4240  | Applied Molecular Genetics in Medicine and Biotechnology | 0.50 |
| MICR*3230 | Immunology   | 0.50 |
| PBIO*3750 | Plant Tissue Culture                                     | 0.50 |
| PBIO*4750 | Genetic Engineering of Plants                            | 0.50 |