OPTION 10

MICROBIOLOGY

This Option is taught jointly between the Department of Life Sciences and the Biochemistry Section, Department of Basic Medical Sciences.

Part I Year 1

Thirty six (36) credits as follows:

- BC10M/BIOC1011 Introductory Biochemistry (6 credits)
- BL10L/BIOL1063 Animal Diversity (6 credits)
- BL10M/BIOL1015 Plant Diversity (6 credits)
- C10J/CHEM1901 Introductory Chemistry A (6 credits)
- C10K/CHEM1902 Introductory Chemistry B (6 credits)

Part II Year 2

Sixty four (64) credits as follows:

- BC21C/BIOL2312 Molecular Biology I (4 credits)
- BC21D/BIOC2014 Bioenergetics & Cell Metabolism (8 credits)
- BC21M/MICR2211 Microbiology (4 credits)
- BL20J/BIOL2011 General & Molecular Genetics (4 credits)
- BL38A/BIOL3017 Virology (4 credits)
- BL30M/BIOL3011 Mycology (4 credits)
- BC31M/MICR3213 Applied & Environmental Microbiology (4 credits)
- BT31A/BOTN3011 Phycology (4 credits)

Either
- BL39C/BIOL3018 Project (4 credits)

or
- BC36A/BIOC3413 Research Project (4 credits)

Plus 24 credits from courses listed below:

- BC34C/BIOL3312 Molecular Biology II (4 credits)
- BC34M/MICR3214 Molecular Microbiology (4 credits)
- BC35C/BIOT3113 Biotechnology I (4 credits)
- BC35D/BIOT3114 Biotechnology II (4 credits)
- BL20P/BIOL2015 Biometry (4 credits)
- Z30G/ZOOL3015 General Parasitology (4 credits)
- Z30M/ZOOL3017 Immunology (4 credits)
- BL30K/BIOI3012 Soil Biology (4 credits)
- BT37Q/BIOI3016 Plant Health (4 credits)
- BT38B/BOTN3016 Plant Biotechnology (4 credits)
- Z30H/ZOOL3016 Applied Parasitology (4 credits)
- Z32G/ZOOL3021 Pest Management (4 credits)

Not all elective courses are available every year, and certain combinations of courses are limited by timetable constraints.