

Module Title:	Microbiology
Academic year:	2009 2010
Credit Value:	7
Pre- requisites:	BIOLOGY I & II
Assessment:	Final written exam 50%, Practical assessment 35%, Continuous assessment 15%
Aims	This module aims to provide the student with: <ul style="list-style-type: none"> ▪ A knowledge of the nature and structure and function of micro-organisms, in particular ▪ bacteria, fungi, protozoa and virions. ▪ A knowledge of how to name microorganisms ▪ Practical skills and techniques in the safe isolation, enumeration and handling of micro-organisms.
Module Content	Microscopy Microbial cultivation The concept of microbial growth Recovery and enumeration of micro-organisms Control of micro-organisms

Intended Learning Outcomes:
(September 2007)

At the end of this module the student will be able to:

- Identify the nature of micro-organisms
- Grow micro-organisms on laboratory media
- Enumerate micro-organisms
- Identify the biohazard status of micro-organisms
- Control microbial proliferation by means of cleaning, disinfection, sterilisation and bio-safe disposal