

Module code	SB-4319		
Module Title	Tropical Parasitology		
Degree/Diploma	Bachelor of Science (Biology)		
Type of Module	Major Option		
Modular Credits	4	Total student Workload	8 hours/week
		Contact hours	6 hours/week
Prerequisite	None		
Anti-requisite	None		
Aims This module will give students an in-depth understanding of the biology and immunological aspects of host-parasite interactions, pathogenicity, epidemiology and molecular biological aspects of selected parasites.			
Learning Outcomes <i>On successful completion of this module, a student will be expected to be able to:</i>			
Lower order :	10%	- Describe the basic body plans of parasites and describe basic structure function relationships.	
Middle order :	10%	- Analyse and understand structure function relationships, parasite life-cycles and the principles governing their interactions with hosts.	
Higher order:	80%	- Connect the concepts and approaches in parasitology to allow a deep understanding of the evolution of life-cycles in parasites and learn the tools of predictive modelling.	
Module Contents -Natural history -Epidemiology -Distinctive biological characteristics -Microscopic and submicroscopic structures and functions of selected examples of parasites that colonize different organ-systems of the host with an emphasis on tropical parasites -Biochemical and immunological factors involved in the pathogenesis of parasitic diseases -Protozoan parasites -Microscopic identification of blood and intestinal parasites -Pathoparasitology -Immunoparasitology			
Assessment	Formative assessment	Tutorial assignments and feedback	
	Summative assessment	Examination: 0% Coursework: 100% - 2 class tests (40%) - 1 mini-project (20%) - 2 written assignments (20%) - 3 practical reports (20%)	