

Module code	SB-4290		
Module Title	Research Project		
Degree/Diploma	Bachelor of Science (Biology)		
Type of Module	Major Core		
Modular Credits	8	Total student Workload	16 hours/week (2 semesters)
		Contact hours	10 hours/week (2 semesters)
Prerequisite	None		
Anti-requisite	None		
Aims			
This module will introduce students to research methodologies and developing their own scientific studies. The module aims to teach students about research attitude, research ethics, and data analyses and interpretation. This module will also train students to interpret and critically appraise their research findings with respect to research methodology and data analysis and be able to work independently.			
Learning Outcomes			
<i>On successful completion of this module, a student will be expected to be able to:</i>			
Lower order :	10%	- Demonstrate the ability to apply research methodology in practice	
Middle order :	10%	- Formulate aims, objectives and research questions, and design research methodology to test these questions. - Conduct experiments, collect data, interpret and discuss results	
Higher order:	80%	- Evaluate the biological concepts underlying the scientific questions under investigation - Interpret and critically appraise research findings with respect to study design and data analysis methodologies - Follow lab procedures and protocols safely and efficiently - Participate in oral presentation of research and produce a written dissertation independently	
Module Contents			
Each student will investigate a research problem of their choice and work under the close supervision by one or more academic staff. An oral presentation and a dissertation will be graded.			
Assessment	Formative assessment	Discussion on progress of project with supervisor(s)	
	Summative assessment	Examination: 0% Coursework: 100% - 1 written dissertation – Assessed by supervisor(s) and internal examiner (65%) - 1 oral presentation – Assessed by academic staff (15%) - Effort and Initiative – Assessed by supervisor(s) (20%)	