

Module code	SB-4232		
Module Title	Marine Ecosystems		
Degree/Diploma	Bachelor of Science (Biology)		
Type of Module	Major Core		
Modular Credits	4	Total student workload	8 hours/week
		Contact hours	6 hours/week
Prerequisite	None		
Anti-requisite	None		
Aims			
The aim of this module is to gain understanding of the structures and biological interaction in marine ecosystems. All types of marine worlds are covered with a special attention to the environments of Brunei.			
Learning Outcomes:			
<i>On successful completion of this module, a student will be expected to be able to:</i>			
Lower order :	40%	<ul style="list-style-type: none"> - Explain the biological interaction and structures of various marine ecosystems - Describe the metabolisms of major aquatic organisms - Determine environmental problems in marine ecosystems 	
Middle order :	40%	<ul style="list-style-type: none"> - Analyse marine ecosystem structures - Observe organisms in marine ecosystems - Work out the research designs to evaluate environmental problems in marine ecosystems 	
Higher order:	20%	<ul style="list-style-type: none"> - Develop competence in laboratory skills - Work and learn independently 	
Module Contents			
<ul style="list-style-type: none"> - Estuaries - Tidal flats - Salt marshes - Mangrove swamps - Seagrass beds - Beaches - Rocky shores - Coral reefs - Continental shelves - Open ocean - Deep sea 			
Assessment	Formative assessment	Tutorial assignments and feedback	
	Summative assessment	Examination: 60% Coursework: 40% <ul style="list-style-type: none"> - 2 practical assignments (20%) - 1 oral presentation (10%) - 2 class tests (10%) 	