

Module code	SB-2402		
Module Title	Discovering Science		
Degree/Diploma	Undergraduate GenNEXT Bachelor degree		
Type of Module	Breadth		
Modular Credits	4	Total student Workload	8 hours/week
		Contact hours	2 hours/week
Prerequisite	None		
Anti-requisite	None		
Aims This module aims to generate interest in science and make it more accessible for non-scientists. Purpose is to increase understanding of how science and technology impact everyday life, to explain the relationships between the various science disciplines and everyday life, to identify and engage in discussions of ethical and social issues raised by particular technologies as well as to learn to evaluate and analyse the social impact of science and technology, and how science and technology are themselves impacted by the needs and demands of society.			
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 principles underlying scientific inquiry and the basis for scientific discovery and innovation	
Middle order :	10%	- Analyse and understand how science influences society	
Higher order:	80%	- Connect the concepts and approaches in science and its methodology to allow decision making about science and technology and how they should or should not impact society	
Module Contents -Hypothesis testing -Robotics -Fascinating animals and plants of Brunei -Health and diet -Drug discovery -Floods and landslides -Heart of Borneo -Chemistry of daily life -Global climate change -Energy efficient lighting -Biomimicry -Biotechnology -Materials for packaging -Pollution: air, water, waste, noise, light Exact content depends on availability of lecturers and may vary from year to year			
Assessment	Formative assessment	Tutorial assignments and feedback	
	Summative assessment	Examination: 0% Coursework: 100% - 4 class tests (60%) - 1 mini-project (20%) - 1 written assignment (20%)	