

<b>Module Code</b>	SB-4301		
<b>Module Title</b>	Conservation and Management of Living Resources		
<b>Degree/Diploma</b>	Bachelor of Science (Biology)		
<b>Type of Module</b>	Major Option		
<b>Modular Credits</b>	4	<b>Total Student Workload</b>	8 hours/week
		<b>Contact Hours</b>	6 hours/week
<b>Prerequisite</b>	SB-1202 Organism and Environment		
<b>Anti-requisite</b>	None		
<b>Aims</b>			
<p>This module aims to provide students with a basic understanding of Conservation Science and Management tools of living resources. Students will learn about the foundation of conservation, its different aspects and application. Major problem as climate change, deforestation and biodiversity crisis will be covered to give the student the basic knowledge of modern major conservation issues and the available tools to reduce and ameliorate them.</p>			
<b>Learning Outcomes</b>			
<i>On successful completion of this module, a student will be expected to be able to:</i>			
Lower order :	10%	<ul style="list-style-type: none"> <li>-To know the major conservation issues in tropical and non-tropical regions.</li> <li>-Understand the different management intervention to ameliorate the habitat destruction.</li> </ul>	
Middle order :	10%	<ul style="list-style-type: none"> <li>-Identify and apply, within the above points, a proper strategy for conservation and management. This will require managing information, analyse data, from small to large scale data or case study.</li> </ul>	
Higher order:	80%	<ul style="list-style-type: none"> <li>-Design they own project, from a study case, and evaluate all the necessary source of data and synthesize the management strategy.</li> <li>- Use standard methods and protocol to carry out the research activity.</li> <li>- Develop broad concept for the modern major environmental crisis's as climate change and biodiversity depauperating.</li> <li>- delivery the results in a form of communication, as report or oral presentation, to develop the capability to describe, advocating and respond to question and criticism.</li> <li>-The module requires a balance of working collaboration and independent research or literature and data, independent elaboration and capability to organize and manage them for a better entrepreneur attitude.</li> </ul>	
<b>Module Contents</b>			
<ul style="list-style-type: none"> <li>- Conservation Science</li> <li>- Knowledge of Brunei major Ecosystems</li> <li>- Vulnerability of species and ecosystems</li> <li>- Different management strategies</li> <li>- Cascade effect of ecosystem disturbance</li> <li>- Invasive species</li> <li>- Climate change</li> <li>- Biodiversity Crisis</li> </ul>			
<b>Assessment</b>	Formative Assessment	Tutorial assignment and feedback	
	Summative Assessment	Examination: 0%	
		Coursework: 100% <ul style="list-style-type: none"> <li>- Two (2) individual written mini projects 40%</li> <li>- One (1) individual oral presentation 20%</li> <li>- Four (4) individual written practical reports 40%</li> </ul>	