

<b>Module code</b>	SB-4344		
<b>Module Title</b>	Vegetation of Southeast Asia		
<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>	None		
<b>Anti-requisite</b>	None		
<b>Aims</b>			
To provide students with a basic understanding of palaeo and present vegetation structure of the Southeast Asia region. Moreover, the module focuses on vegetation formations and their representative species and evolutionary adaptation.			
<b>Learning Outcomes</b>			
<i>On successful completion of this module, a student will be expected to be able to:</i>			
Lower order :	50%	<ul style="list-style-type: none"> <li>- Describe the major vegetation formations in Southeast Asia (SEA)</li> <li>- Describe the difference in species traits, climatic and soil properties among vegetation formations.</li> <li>- Explain the species traits from an evolutionary perspective among the vegetation formations.</li> </ul>	
Middle order :	40%	<ul style="list-style-type: none"> <li>- Discuss the vegetation biogeography of SEA</li> <li>- Ability to conduct a comparative analysis of vegetation within the SEA archipelago and its evolutionary history.</li> <li>- Conduct field measurements to gain the ability to discriminate the plant traits and vegetation formation.</li> </ul>	
Higher order:	10%	<ul style="list-style-type: none"> <li>- Work effectively in groups, during laboratory practicals and fieldwork, and independently in reporting experimental results</li> </ul>	
<b>Module Contents</b>			
<ul style="list-style-type: none"> <li>- Botany</li> <li>- Plant ecology</li> <li>- Plant Ecophysiology</li> <li>- Palaeobotany, brief introduction to palaeo-vegetation</li> <li>- Plant Evolution, at family to taxa level</li> <li>- Morphological traits, from leaves to bark</li> <li>- Southeast Asia tectonic movement and biogeography</li> </ul>			
<b>Assessment</b>	Formative assessment	Weekly feedback, tutorial and discussion	
	Summative assessment	Examination: 60% Coursework: 40% <ul style="list-style-type: none"> <li>- 1 individual tutorial assignment (20%)</li> <li>- 1 individual field and laboratory reports (20%)</li> </ul>	