

Module code	SB-4310		
Module Title	Seed Plant Taxonomy and Diversity		
Degree/Diploma	Bachelor of Science (Biology)		
Type of Module	Major Option		
Modular Credits	4	Total student Workload	8 hours/week
		Contact hours	6 hours/week
Prerequisite	SB-2201 Plant Form and Function		
Anti-requisite	None		
Aims			
The module aims to teach students the most common and important plant orders, families and genera in Brunei, covering the whole seed plant classification system.			
Learning Outcomes			
<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"> - Recognize the major seed plant orders and families of Brunei Darussalam - Recognize about 80 seed plant genera of Brunei Darussalam - Describe the APGIII seed plant classification up to order level 	
Middle order :	10%	<ul style="list-style-type: none"> - Combine above knowledge to produce plant descriptions and identification keys 	
Higher order:	80%	<ul style="list-style-type: none"> - Combine above knowledge to place unknown plants into the classification system - Predict plant traits and life history strategies based on evolutionary relationships between plants 	
Module Contents			
<ul style="list-style-type: none"> - Taxonomy - The classification of the flowering plants - Plant collecting and documentation - Plant morphology and description - Use of plant data storage and manipulation software - Developing keys and spot character lists for plant identification - Use of internet for plant identification 			
Assessment	Formative assessment	Tutorial assignments and feedback	
	Summative assessment	Examination: 0% Coursework: 100% <ul style="list-style-type: none"> - 2 mini-projects: plant identification (40%) - 1 mini-project (20%) - 1 oral presentation (20%) - 2 practical reports (20%) 	