

<b>Module code</b>	SB-4310		
<b>Module Title</b>	Seed Plant Taxonomy and Diversity		
<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-2201 Plant Form and Function		
<b>Anti-requisite</b>	None		
<b>Aims</b>			
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.			
<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>- Recognize the major seed plant orders and families of Brunei Darussalam</li> <li>- Recognize about 80 seed plant genera of Brunei Darussalam</li> <li>- Describe the APGIII seed plant classification up to order level</li> </ul>	
Middle order :	10%	<ul style="list-style-type: none"> <li>- Combine above knowledge to produce plant descriptions and identification keys</li> </ul>	
Higher order :	80%	<ul style="list-style-type: none"> <li>- Combine above knowledge to place unknown plants into the classification system</li> <li>- Predict plant traits and life history strategies based on evolutionary relationships between plants</li> </ul>	
<b>Module Contents</b>			
<ul style="list-style-type: none"> <li>- Taxonomy</li> <li>- The classification of the flowering plants</li> <li>- Plant collecting and documentation</li> <li>- Plant morphology and description</li> <li>- Use of plant data storage and manipulation software</li> <li>- Developing keys and spot character lists for plant identification</li> <li>- Use of internet for plant identification</li> </ul>			
<b>Assessment</b>	Formative assessment	Tutorial assignments and feedback	
	Summative assessment	Examination: 0% Coursework: 100% <ul style="list-style-type: none"> <li>- 2 mini-projects: plant identification (40%)</li> <li>- 1 mini-project (20%)</li> <li>- 1 oral presentation (20%)</li> <li>- 2 practical reports (20%)</li> </ul>	