

<b>Module code</b>	AW-4311		
<b>Module Title</b>	Environmental Impact Assessment (EIA)		
<b>Degree/Diploma</b>	Bachelor of Arts (Geography, Environment and Development Studies)		
<b>Type of Module</b>	Major Option / Breath		
<b>Modular Credits</b>	4	<b>Total student workload</b>	8 hours/week
		<b>Contact hours</b>	4 hours/week
<b>Prerequisite</b>	None		
<b>Anti-requisite</b>	None		
<b>Aims</b>			
To provide students with the knowledge needed to (a) conduct an environmental impact assessment (EIA) and (b) analyse the issues associated with the effective use of EIA to support sustainable development.			
<b>Learning Outcomes:</b>			
<i>On successful completion of this module, a student will be expected to be able to:</i>			
Lower order :	30%	<ul style="list-style-type: none"> <li>- Identify and describe the concept, key elements, processes and deliverables of EIA;</li> <li>- Identify and assess potential impacts, stakeholders and issues accurately (“scoping”)</li> <li>- Use a variety of appropriate instruments and methods to carry out an EIA</li> <li>- Understand issues and challenges of effective application of EIA towards sustainable development</li> </ul>	
Middle order :	40%	<ul style="list-style-type: none"> <li>- Employ a variety of field, data processing and mapping tools and techniques to support an EIA study;</li> <li>- Assemble the data sets necessary for an accurate EIA and to assess their quality and implications of their use;</li> <li>- Analyse the data and assess environmental impacts as well as identify appropriate mitigation measures;</li> </ul>	
Higher order:	30%	<ul style="list-style-type: none"> <li>- Work in a team to produce an EIA report;</li> <li>- Evaluate the accuracy of EIA reports.</li> </ul>	
<b>Module Contents</b>			
The main contents of the course are:			
<ul style="list-style-type: none"> <li>- History and development of EIA concepts and practices</li> <li>- Impact analysis methods</li> <li>- Data, data quality and implications</li> <li>- GIS for spatial and risk analysis</li> <li>- Stakeholder consultation</li> <li>- Institutional EIA</li> <li>- Issues and problems</li> <li>- EIA in Brunei</li> </ul>			
<b>Assessment</b>	Formative assessment	Discussions on class exercises and project components, including mapping /GIS techniques, throughout semester	
	Summative assessment	Examination: 50%	
		Coursework: 50% <ul style="list-style-type: none"> <li>- 4 class exercises (20%)</li> <li>- EIA project report (20%)</li> <li>- Presentation (10%)</li> </ul>	