

Module code	AW-4311		
Module Title	Environment and Social Impact Assessment (ESIA)		
Degree/Diploma	Bachelor of Arts (Geography, Environment and Development)		
Type of Module	Major Option		
Modular Credits	4	Total student workload	8 hours/week
		Contact hours	4 hours/week
Prerequisite	None		
Anti-requisite	None		
Aims To provide students with the knowledge needed to (a) conduct an environmental social impact assessment (ESIA) and (b) analyse the issues associated with the effective use of ESIA to support sustainable development.			
Learning Outcomes: <i>On successful completion of this module, a student will be expected to be able to:</i>			
Lower order :	30%	- Identify and describe the concept, key elements, processes and deliverables of ESIA; - Identify and assess potential impacts, stakeholders and issues accurately (“scoping”) - Use a variety of appropriate instruments and methods to carry out an ESIA - Understand issues and challenges of effective application of ESIA towards sustainable development	
Middle order :	40%	- Employ a variety of field, data processing and mapping tools and techniques to support an ESIA study; - Assemble the data sets necessary for an accurate ESIA and to assess their quality and implications of their use; - Analyse the data and assess environmental impacts as well as identify appropriate mitigation measures;	
Higher order:	30%	- Work in a team to produce an ESIA report; - Evaluate the accuracy of ESIA reports.	
Module Contents The main contents of the course are: - History and development of ESIA concepts and practices - Impact analysis methods - Data, data quality and implications - GIS for spatial and risk analysis - Stakeholder consultation - Institutional ESIA - Issues and problems - ESIA in Brunei			
Assessment	Formative assessment	Weekly Assessments and Feedback. Discussions on class exercises and project components, including mapping /GIS techniques, throughout semester	
	Summative assessment	Examination: 50%	
		Coursework: 50% - 4 class exercises (20%) - 1 ESIA project report (20%) - 1 Presentation (10%)	