

<b>Module code</b>	AW-2301		
<b>Module Title</b>	Environmental Systems		
<b>Degree/Diploma</b>	Bachelor of Arts (Geography, Environment and Development Studies)		
<b>Type of Module</b>	Major Option / Breadth		
<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 introduce students to the systems approach in environmental studies.			
<b>Learning Outcomes:</b>			
<i>On successful completion of this module, a student will be expected to be able to:</i>			
Lower order :	50%	- Recognise and assess systemic inter-relationships among environmental elements; - Have a good grasp of systems theory and its variation, and implications of their application;	
Middle order :	30%	- Carry out systems analysis of specific environmental phenomenon or issues; - Acquire and use relevant data in systems analyses, and interpret the results and their implications;	
Higher order:	20%	- Employ systems theory and models to understand current environmental observations and issues;	
<b>Module Contents</b>			
<ul style="list-style-type: none"> <li>- The systems approach;</li> <li>- System theories and terminology;</li> <li>- Earth systems;</li> <li>- Human-environment interrelationships;</li> <li>- Culture and institutions;</li> <li>- Systems analysis;</li> <li>- Environmental management systems;</li> <li>- Models and accuracy issues.</li> </ul>			
<b>Assessment</b>	Formative assessment	Feedback discussion and on-line discussions on current topics from systems perspective	
	Summative assessment	Examination: 60% Coursework: 40% - 5 tests: (20%) - group case study (20%)	