Module Code	AW-4310		
Module Title	Wetland Ecology and Management		
Degree/ Diploma	Bachelor of Arts (Geography, Environment and Development Studies)		
Type of Module	Major Option/ Breadth		
Modular Credits	4	**Total student workload**	8 hours/ week
		Contact hours	4 hours/ week
Prerequisite	None		
Anti-Requisite	None		

Aims

To provide a clear understanding of the principles and science of wetlands and to acquaint students with a fundamental scientific basic for their management based on solid knowledge and understanding of their ecological and socio-economic functions and processes. This module is an interdisciplinary overview of physical, ecological, ecosystem, social and cultural aspects of wetlands, intended for students majoring in physical, life or social sciences with an interest in wetland environments and resources.

Learning Outcomes

On successful completion of this module, a student will be expected to be able to:

Lower Order	40%	- Understand the basic principles and theories and descriptive approach
Middle Order	20%	- Analyse the various example from different part of the world and numerical data analysis
Higher Order	40%	- Carry out Impressive scenario and result analysis - Work independently and collaboratively with other students and staff

Module Contents

- Definition and scientific concept of wetlands and wetland ecology
- Distribution, types of classifications
- Functions, attributes and values
- Eco-hydrology of wetland systems
- Formation and development, abiotic and ecological processes
- Tropical and temperate wetland: Characteristics and properties
- Threats: Climate change and anthropogenic uses, modification, exploitation
- Wetlands management, conservation, protection and restoration
- Opportunities and challenges
- Field trips are conducted where the potential site will be selected
- International convention and treaties, legal and political;
- Comparative overview of selected wetlands around the world.

Assessment	**Formative Assessment**	Every two weeks short test and assignments will be allocated and give feedback for their learning
	Summative Assessment	Examination: 50 %
		Course work: 50 % - Essay (20%) - Group presentation (20%) - GIS lab practice with group project demonstration: 10%