Module code	SB-2405		
Module Title	Human Life and Environment		
Degree/Diploma			
Type of Module	Breadth		
Modular Credits	4	**Total student workload**	8 hours/week
		Contact hours	2 h / week for lectures
Prerequisite	None		
Anti-requisite	None		

Aims

Environmental science is the study of patterns and processes in the natural world and their modification by human activity. To understand current environmental problems, we need to consider physical, biological and chemical processes that are often the basis of those problems. This module will give you the skills necessary to address the environmental issues we are facing today by examining scientific principles and the application of those principles to natural systems. This module will survey some of the many environmental science topics at an introductory level, ultimately considering the sustainability of human activities on the planet.

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

Lower order :	10%	-Understand how natural systems are affected by people -Understand biodiversity and global change, which are the integrating units of environmental science
Middle order :	10%	-Explain complex interactions in the earth system -Identify the ways in which changes in human population affect the environment
Higher order:	80%	- Understand the comprehensive field of environmental science and how to think like an environmental scientist - Work and learn independently

Module Contents

The main contents of the course are:

- Introduction to Environmental Science
- Environmental Problems and Economic Development
- Environmental Risk
- Recycling Society
- Energy and Earth Resources
- Impacts of Pollution on Ecosystem
- Fire Impacts on Tropical Forests
- Climate Change and Agriculture
- Next-Generation Energy Technologies
- Atmospheric Circulation and Environment

• Water Circulation and Environment • Environmental Pollution and Remediation • Sustainability and Environmental Management		
Assessment	Formative assessment	Presentation by students and discussion among the students will be used to test the students' understanding.
	Summative assessment	Examination: 0%
		Coursework: 100% - Four assignments 40% - Four tests 40% - Group presentation 20%