COURSE SYLABUS **BASIC ECOLOY**

Credits: 02 (Lectures 01 – Practices 0 – Self-study 06)

Code: MT01016

Expected Learning Outcomes

Indicator	Upon completion of the course, Student able to	Expected learning outcomes of program
Knowledge		
CELO1	Analyze interaction between living organisms and environment at individual level	ELO1: Apply the knowledge of natural science, politics, social science and humanities, law, economics, and awareness of contemporary issues in the field of environmental sciences. ELO2: Analyze environmental quality including designing and conducting experiments, collecting data, and interpreting results. ELO3: Evaluate the impact of natural resource exploitation and emissions on environmental quality.
CELO2	Analyze interaction between living organisms and environment at population level	
CELO3	Analyze interaction between living organisms in biological community	
CELO4	Analyze components, interaction between living organisms and environment in ecosystem in general	
Skills		
CELO5	Work in team to analyze the assigned topics	ELO7: Work in group and Lead the multi-functional team effectively
CELO6	Write and present projects	ELO 9: Apply appropriate approaches and methods, techniques to investigate, survey and study environmental issues.
Ethics and Attitude		
CELO7	Prepare professional orientation and update knowledge	ELO11: Define a clear career orientation; possess a passion for one's career and a sense of lifelong learning

Brief descriptions

Chapter 1: Individual ecology

Chương2: Population ecology

Chương 3: Community ecology

Chương 4: Ecosystem

Student tasks

Attend at least 75% of the class
Prepare for lectures, read reference materials before class
Participate in the fieldwork, mid-term project, write reports and give presentations

ASSESSMENT METHODS

Rubric	Expected Learning Outcomes	Rate (%)
Rubric 1. Attendance	CELO1, CELO4,	10
Rubric 2: Mid-term project	CELO1-4	40
Rubric 4. Final exam multiple-choice quiz	CELO1, CELO4,	50

LEARNING METHODS

Review materials
Listen to lecture,
Project: fieldwork
Discuss, write reports, give presentations
Online learning

Key lecturer

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