



COURSE SYLLABUS

MT01008: ENVIRONMENTAL ECOLOGY

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

EXPECTED LEARNING OUTCOMES

Indicators	Upon completion of the course, Students are able to	Expected learning outcomes of the program
Knowledge		
K1	Analyze the composition, structure, function of and ecosystem; interaction between organisms and the environment in the ecosystem	ELO1: Apply the general knowledge of natural and social sciences and the understanding of contemporary issues to the field of livestock production
K2	Analyze the relationship between natural resources, environment and development; Current situation of some main resources	
Skills		
K3	Teamwork Report and presentation/ Applying creative thinking through writing reports and presentations	ELO 6: Coordinate teamwork in professional activities to achieve objectives as a member or a manager ELO 7: Communicate effectively using multimedia, adapt well in multi-cultural environment; meet the required standards of English proficiency issued by Ministry of Education and Training
K4	Report and presentation/ Applying creative thinking through writing reports and presentations	ELO 5: Apply effectively creative and critical thinking, and problem-solved skills to scientific research and professional practice
Attitude		
K5	Prepare professional orientation and update knowledge	ELO 12: Comply with state law and specific regulations and professional ethics

Brief descriptions

Chapter 1. General concepts
 Chapter 2. Individual Ecology
 Chapter 3. Population Ecology
 Chapter 4. Community Ecology
 Chapter 5. The Ecosystem
 Chapter 6. Resources – Environment – Development

STUDENT TASKS

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



LEARNING METHODS

Review materials
 Attend to lecture,
 Discuss, write reports, give presentations
 Case study
 Online learning

ASSESSMENT METHODS

Rubric	Expected Learning Outcomes	Rate (%)
Rubric 1. Attendance	K1, K2, K5	10
Rubric 2: Teamwork presentations or Essays (for online learning)	K1, K2, K3, K4, K5	40
Rubric 3. Final exam (students can use materials)	K1, K2	50

KEY ACADEMIC STAFFS

1. TS. Phan Thị Thúy
2. ThS. Nguyễn Tuyết Lan
3. TS. Nguyễn Đình Thi
4. TS. Nguyễn Thu Hà
5. TS. Phạm Văn Hội
6. TS. Nguyễn Thu Thùy
7. ThS. Dương Thị Huyền