



COURSE SYLLABUS

Agroecology

Credits: 02 units(Lectures 2 – Self-study 03)

Code: MT01010



Indicator	Upon the completion of the course, student able to	Expected learning outcomes of program
Knowledge		
K1	Analyze the impact in the use of land, water, climate, and emissions: KNK, KLN, toxins into the environment in the process of developing a sustainable agricultural ecosystem to protect the environment.	CDR3: Assess the impact of resource use and emissions on environmental quality.
K2	Applying ecological principles in evaluating and developing agricultural production models for environmental protection and sustainable development.	CDR6: Applying systematic thinking, critical thinking and creative thinking in solving problems of the environmental industry and related fields.
Skills		
K3	Proficient implementation of analysis and data processing skills to build reports on agricultural ecosystem model for sustainable development and environmental protection.	CDR6: Applying systematic thinking, critical thinking and creative thinking in solving problems of the environmental industry and related fields.
K4	Conducting surveys and collecting information, analysis skills and building an agricultural ecosystem model towards sustainable environmental protection.	CDR6: Applying systematic thinking, critical thinking and creative thinking in solving problems of the environmental industry and related fields.
Attitude		
K5	Taking initiative in studying and researching to improve knowledge related to agricultural ecosystems, in cooperation to promote collective intelligence in solving issues related to the development of sustainable agricultural ecosystems for protect the environment.	CDR11: Clear future orientation, career passion and a sense of lifelong learning. CDR12: Demonstrate professional ethical standards, fulfill the responsibility to protect the environment and serve the sustainable development of Vietnam and the globe.

BRIEF DESCRIPTION

Theoretical foundations of agricultural ecology

Agricultural ecosystem

Design agriculture ecosystem sustainable development

Ecological management of pests, diseases, weeds and farmland

LEARNING METHODS

Join in the discussion, exchange idea in class

Students actively researching materials

Students participate in activities at the facility

Students complete the tasks assigned

STUDENTS TASKS

- * Attendance: Students attend more than 75% of theory classes and attend a full range of personal presentations; prepare for the lesson;
- * Mid-term assessment: take part in mid-term examination and complete assignments as required by the teacher;
- * Final exam: Follow the regulations of the Academy.
- * Require students to attend lessons, prepare content required for lecturers online lessons.
- * Students complete tasks (assignments, multiple choice tests and essays) on the MS Teams system as they learn directly in the lecture hall.

DEPARTMENT OF AGRICULTURAL ECOLOGY – FACULTY OF ENVIROMENT
VIETNAM NATIONAL UNIVERSITY OF AGRICULTURAL

KEY ACADEMIC STAFFS

Prof. TRAN DUC VIEN

Doc. NGUYEN DINH THI

Ass. Prof. NGO THE AN

Doc. PHAM VAN HOI

Doc. PHAN THI THUY