



COURSE SYLLABUS

Agroecology

Total credits: 02-of which: theory 1-practical lab 0– Self-study 06)

Course ID: MT01010



Indicator	Upon the completion of the course, student able to	Expected learning outcomes of program
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Knowledge

CELO1	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.	ELO3: Evaluate the impact of natural resource exploitation and emissions on environmental quality.
CELO2	Applying ecological principles in evaluating and developing agricultural production models for environmental protection and sustainable development.	ELO6: Apply systematic, critical, and creative thinking in solving problems in the environmental and related fields.

Skills

CELO3	Proficient implementation of analysis and data processing skills to build reports on agricultural ecosystem model for sustainable development and environmental protection.	ELO6: Apply systematic, critical, and creative thinking in solving problems in the environmental and related fields.
CELO4	Conducting surveys and collecting information, analysis skills and building an agricultural ecosystem model towards sustainable environmental protection.	ELO6: Apply systematic, critical, and creative thinking in solving problems in the environmental and related fields.

Attitude

CELO5	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.	ELO11: Define a clear career orientation; possess a passion for one's career and a sense of lifelong learning. ELO12 Demonstrate ethical standards of the profession, carrying out the responsibility of environmental protection and serving the sustainable development of Vietnam and the world.
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BRIEF DESCRIPTION

LEARNING METHODS

Theoretical foundations of agricultural ecology

Join in the discussion, exchange idea in class

Agricultural ecosystem

Students actively researching materials

Design agriculture ecosystem sustainable development

Students participate in activities at the facility

Ecological management of pests, diseases, weeds and farmland

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.

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