COURSE SYLABUS
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.	CĐR3: 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.	CĐR6: 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.	CĐR6: 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.	CĐR6: Applying systematic thinking, critical thinking and creative thinking in solving problems of the environmental industry and related fields.
Attitute		
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.	CĐR11: Clear future orientation, career passion and a sense of lifelong learning. CĐR12: 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.

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