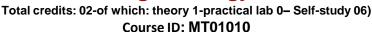


# **COURSE SYLABUS**

# Agroecology





Indicator

Upon the completion of the course, student able to

**Expected learning outcomes of program** 

## Knowledge

CELO1

Analyze the impact in the use of land, water, climate, and developing a sustainable agricultural ecosystem to protect the on environmental quality. environment.

emissions: KNK, KLN, toxins into the environment in the process of ELO3: Evaluate the impact of natural resource exploitation and emissions

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.

CELO<sub>4</sub>

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.

#### **Attitute**

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.

ELO12Demonstrate ethical standards of the profession, carrying out the responsibility of environmental protection and serving the sustainable development of Vietnam and the world.

## **BRIEF DESCRIPTION**

LEARNING METHODS

Theoretical foundations of agricultural ecology

Agricultural ecosystem

Students actively researching materials

Design agriculture ecosystem sustainable development

Students participate in activities at the facility

Join in the discussion, exchange idea in class

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.

## DEPARTMENT OF AGRICULTURAL ECOLOGY - FACULTY OF ENVIROMENT VIETNAM NATIONAL UNIVERSITY OF AGRICULTURAL

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