

COURSE SYLABUS (Code: CN03510) AGRARIAN SYSTEMS

1. General information

Course: Agrarian systems (CN03510)

Credits: 2 (Lecture: 1,5 – Practice: 0,5 – Self-study: 6,0)

Training program: Animal Science (Option 1: Animal production & Health, Option 2: Animal nutrition & Feed technology)

2. Expected learning outcomes (ELOs)

Notation	Course expected learning outcomes After successfully completing this course, students are able to	Program expected learning outcomes
Knowledge		
K1	Apply the general knowledge about natural and social science and current context of the society to sustainable development of agriculture and rural areas	ELO 1: Apply the general knowledge of natural and social sciences and the understanding of contemporary issues to the field of livestock production
K2	Apply the knowledge on system theory to design the agricultural systems with a high productivity and economic efficiency and social-environmental benefits	ELO 4: Design livestock production programs to ensure sustainable development
Skills		
K3	Apply the systematic thinking, critical thinking and problem-solving skill to diagnose the agricultural systems and formulate the strategies for agricultural and rural development	ELO 5: Apply effectively creative and critical thinking, and problem-solved skills to scientific research and professional practice
K4	Apply the skills of surveying, collecting and processing data to the study on sustainable development of agriculture and rural regions	ELO 8: Use effectively the skills of surveying, collecting and processing data to serve scientific research, technology development and management of livestock production
K5	Analyze the current situation of agricultural systems and apply to the model for sustainable development of agricultural production	ELO 9: Apply appropriate techniques, technologies and systems in sustainable livestock production
Attitude		
K6	Perform the habits of life-long learning	ELO 14: Perform the habits of life-long learning

3. Brief descriptions

Chapter 1: General system theory

Chapter 2: Historical development of agrarian systems in the world and in Vietnam

Chapter 3: Study on the development of agrarian systems

Chapter 4: Households and household farming systems

4. Learning methods

- Students read the textbooks and references by themselves,
- Group discuss to design and conduct the research project on specific topics
- E-learning: Find and look up references; do the homework

5. Assessment methods

- Grading scale: 10
- Average point: is the sum of the rubric scores multiplied by the weight of each rubric
 - + Class participation: 10%
 - + Research project: 30%
 - + Final examination: 60%

6. Student tasks

- Attendance: Students must attend at least 75% of the class and participate in class activities (discussion in class and on e-learning system, etc.)
- Conduct the research project: Students work in group to design, implement, field survey and write report on a specific topic.
- Complete the final examination.

7. Key academic staffs

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Communicate with key academic staffs: via email, phone and e-learning system.