COURSE SYLABUS (Code: CN03510)
AGRARIAN SYSTEMS

1. General information

Course: Aagrarian 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	ELOs
Knowledge		
K1	Apply the concepts and basic principles of general systems in animal production towards sustainable development	ELO1: **Apply** the general knowledge of natural and social sciences and the understanding of contemporary issues to the field of livestock production
K2	Formulate the agrarian systems of which the performance, socio-economic outcomes, and environmental benefits are assured	ELO 4: **Design** livestock production programs to ensure sustainable development
Skills		
K3	Apply the systematic thinking, critical thinking and problem-solved skills to the the research on agrarian systems and the development of agriculture and rural area	ELO 5: **Apply** effectively creative and critical thinking, and problem-solved skills to scientific research and professional practice
K4	Apply the skills of survey collect and process data about agrarian system study and sustainable rural development	ELO 8: **Use** effectively the skills of surveying, collecting and processing data to serve scientific research, technology development and management of livestock production
K5	Analyse the current situation and apply technology to the models of sustainable agrarian systems	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

    - Formative assessment: 40%

        + Attendance: 10%

        + Project assessment: 30%

    - Summative assessment: 60%

        +Final examination: 60%

6. Student tasks

- Attendance: All students taking this course must attend classes for lectured chapters in accordance with the current teaching and learning regulations set by the MOET and VNUA. Students should be proactive in articulating and discussing lessons. Students who are absent for any session is responsible for their own understanding of the content being taught and the information exchanged in that lesson.

- Preparation for the lecture: All students taking this course must read relevant book chapters and study materials beforehand.

- Implementation of project: All students have to participate in the research project by carrying out the surveys of agrarian systems in rural areas and submit the final report and presentation

- Complete the final examination.

7. Key academic staffs

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