COURSE SYLABUS (Code: CN01103)
BIODIVERSITY

1. General information

Course: Biodiversity (CN01103)

Credits: 2 (Lecture: 1.5 – Practice: 0.5 – Self-study: 6)

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	Analyze the concepts of biodiversity, characteristics and causes of different types of biodiversity; measurement methods; distribution and values of biodiversity; the biodiversity degradation and the causes leading to the extinction of species; forms and roles of biodiversity conservation.	ELO1: **Apply** the general knowledge of natural and social sciences and the understanding of contemporary issues to the field of livestock production
Skills		
K2	Apply quantitative methods of biodiversity to assess biodiversity in nature	ELO 5: **Apply** effectively creative and critical thinking, and problem-solved skills to scientific research and professional practice
K3	Ability to work independently and in groups: share, assign tasks and monitor team members to solve questions and practical issues	ELO 6: **Coordinate** teamwork in professional activities to achieve objectivesas a member or a manager
Attitute		
K4	Compliance with internal regulations	ELO 12: **Compliance** with laws, internal regulations and professional ethical standards
K5	Responsibility to protect the environment and respect animal welfare	ELO 13: **Responsibility** to protect the environment, public health and animal welfare

3. Brief descriptions

Chapter 1: Biodiversity concepts and measurements

Chapter 2: Distribution and value of biodiversity

Chapter 3: Biodiversity degradation

Chapter 4: Biodiversity conservation

Chapter 5: Biodiversity in Vietnam

4. Learning methods

- Students read the textbooks and references by themselves,

- Participate in class discussion

- Find references, discuss

- Practice

- E-learning and MS Teams: Find and look up references; do homework

5. Assessment methods

- Grading scale: 10

- Average point: is the sum of the rubric scores multiplied by the weight of each rubric

    + Class paticipation: 10%

    + Mid-term test: 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, MS Teams, etc.)

- Practice: Students must attend all practice content

- Complete the mid-term test and the final examination.

7. Key academic staffs

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