

COURSE SYLLABUS (Code: CN02101)

ZOOLOGY

1. General information

Course: Zoology (CN02101)

Credits: 3 (Lecture: 2 – Practice: 2 – Self-study: 9)

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	Identify structural characteristic, classification and evolution of classes and phyla in the animal kingdom	ELO1: Apply the general knowledge of natural and social sciences and the understanding of contemporary issues to the field of livestock production
K2	Identify the principles of effective prevention and controlling of harmful animals for promoting and protect beneficial animals	ELO 2: Analyze factors affecting the animal breed production, nutrition, and animal health
Skills		
K3	Perform making slides and operations in dissecting, observation, and analyzing surgical samples	ELO 5: Apply effectively creative and critical thinking, and problem-solved skills to scientific research and professional practice
K4	Work in groups to solve questions and practical issues in the animal planet	ELO 6: Coordinate teamwork in professional activities to achieve objectives as a member or a manager
Ethics and attitudes		
K5	Compliance with course regulations	ELO 12: Comply with state law and specific regulations and professional ethics
K6	Respect animal welfare and biodiversity protection	ELO 13: Demonstrate responsibility to protect the environment, public health and respect animal welfare

3. Brief descriptions

Chapter 1: Protozoan group

Chapter 2: Phylum Porifera

Chapter 3: Phylum Cnidaria and Ctenophora

Chapter 4: Phylum Plathelminthes

Chapter 5: Phylum Pseudocoelomata

Chapter 6: Phylum Annelida

Chapter 7: Phylum Mollusca

Chapter 8: Phylum Arthropoda

Chapter 9: Phylum Echinodermata

Chapter 10: Phylum Chordata

Chapter 11: Vertebrata animals

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 participation: 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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