

COURSE SYLABUS (Code: CN02305) ANIMAL PHYSIOLOGY 2

1. General information

Course: Animal Physiology 2 (CN02305)

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 ELOs
Knowledge		
K1	Apply knowledge of physiological functions of anatomical systems and organs in the animal body to caring and feeding animals	ELO 2: Analyze factors affecting the animal breed production, nutrition, and animal health
Skill		
K2	Applying knowledge of physiological functions of anatomical systems and organs in the body to lab work and to write an essay and practical report	ELO 5: Apply effectively creative and critical thinking, and problem-solved skills to scientific research and professional practice
Attitude		
K3	Comply with laboratory safety rules and regulations	ELO 12: Comply with state law and specific regulations and professional ethics
K4	Respect animal welfare through reducing stress in livestock production	ELO 13: Demonstrate responsibility to protect the environment, public health and respect animal welfare

3. Brief content of the subject

This course includes 7 chapters which describe physiological functions of anatomical systems and organs in the body such as: Chapter 1: Digestive system physiology; Chapter 2: Circulatory system physiology; Chapter 3: Blood physiology system physiology; Chapter 4: Respiratory system physiology; Chapter 5: Reproductive physiology; Chapter 6: Urinary system physiology; Chapter 7: Physiology of lactation. Three practical lessons which include experiments that aim to prove theoretical lectures such as:

Lesson 1: Determines some physiological indicators of blood

Lesson 2: Determines some physiological parameters of respiration and circulation

Lesson 3: Methods of studying digestive physiology

4. Learning methods

- Read textbooks, lecture notes,
- Attend the lecture, Participate in group discussions
- E-learning: Research relevant documents, do assignments

<http://elearning.vnua.edu.vn/1%E1%BB%9Bp-h%E1%BB%8Dc/pohe-63-hoc-tai-gd-e402-pcn02305-01.htm>

- MS Team: learning; Mid-term exam; Final exams online

5. Assessment methods

- Grading scale: 10
- Average point: is average of the following scores:
- Formative assessment: 30%
 - + Participant and attitude: 10%
 - + Mid-term exam and practice: 20%
- Summative assessment: 70%
 - +Final exam: 70%

6. Student tasks

- Attendance: All students taking this course must attend 75% of lecture hours and should be active, ask questions, join discussions.
- Preparation before going to class: Students need to read textbook and reference books; lecture notes before the class
- Practice: All students taking this course must participate in practical class and write the individual practical report
- Students need to Complete the Mid- term examination
- Final exam: Complete the final examination

7. Key academic staffs

Lecturer

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