



SH02002: BIOLOGY OF HUMAN AND ANIMAL (SINH HỌC NGƯỜI VÀ ĐỘNG VẬT)

Credits: 3 credits (Lecture: 3 – Practice: 0)

EXPECTED LEARNING OUTCOMES

Course objectives	COURSE EXPECTED LEARNING OUTCOMES After successfully completing this course, students are able to	Expected learning outcomes of program
Knowledge		
CELO1	Analyze the relationship between the structure, position and functions of the organs and system of organs in the body	ELO1
CELO2	Applying knowledge of human and animal physiology to explain the scientific basis of a number of related issues in the fields of biotechnology, biomedical, animal husbandry and veterinary medicine	ELO1
Skills		
CELO3	Work in groups and organize working groups to discuss, analyze, write and present scientific reports	ELO7, ELO8
CELO4	Using document synthesis skills, information technology in document analysis, presentations	ELO8
Personal autonomy and responsibility		
CELO5	Comply with the rules of the Vietnam Academy of Agriculture, the provisions of the law in the learning process; participate in full reporting; honesty in exam	ELO13
CELO6	Implement the habit of updating knowledge, learning and raising awareness of self-study, humility, serious working style, high sense of responsibility	ELO15

CONTENT

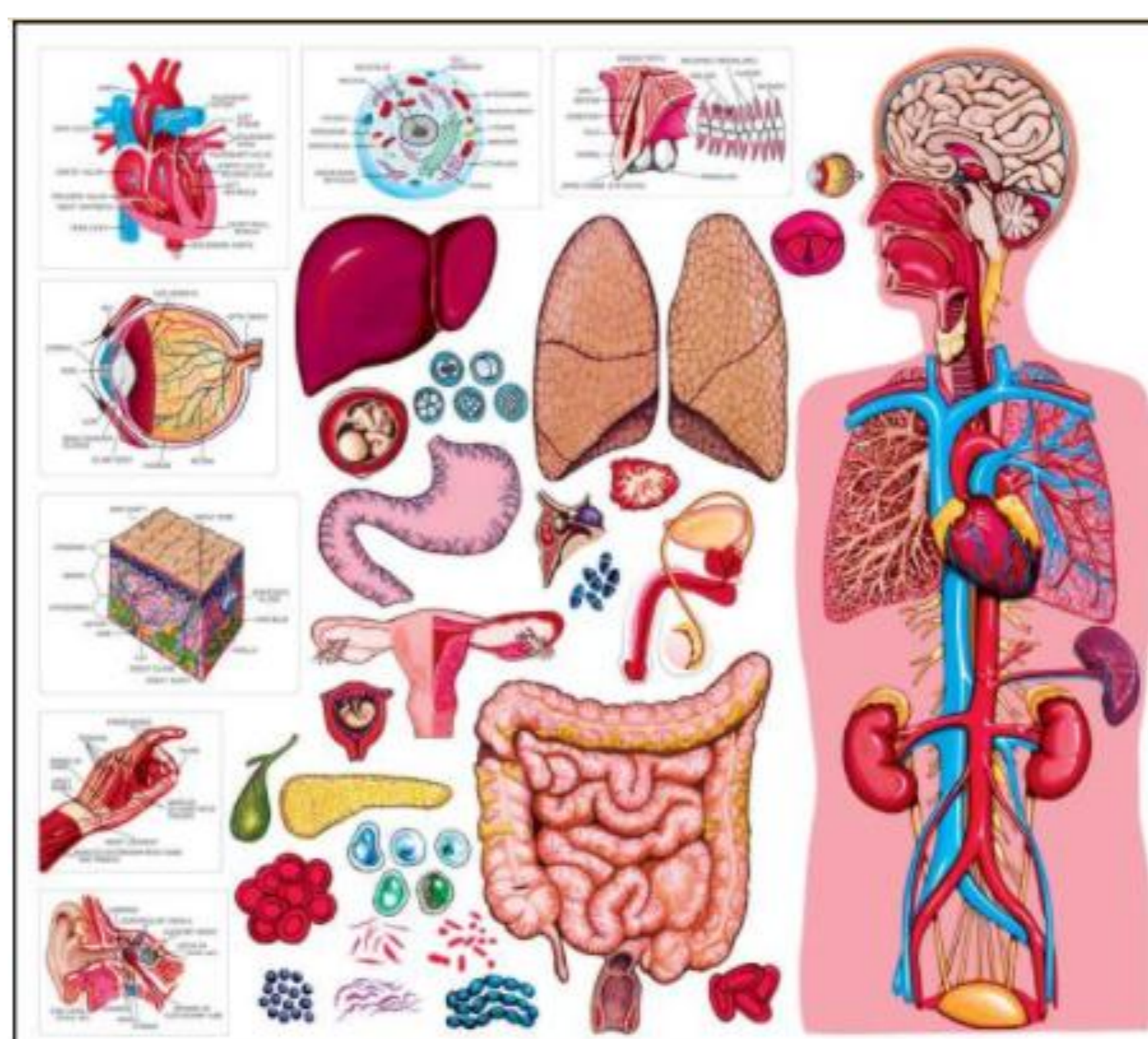
- Chapter 1: Cell
- Chapter 2: Blood
- Chapter 3: Circulatory
- Chapter 4 Respiratory
- Chapter 5: Physiology of digestion
- Chapter 6: Metabolism of matter and energy
- Chapter 7: Physiological of excretion
- Chapter 8: Endocrine
- Chapter 9: Genital physiology and reproduction
- Chapter 10: Physiology of muscles and nerves
- Chapter 11: Neurophysiology
- Chapter 12: High-level neural activity

LEARNING METHODS

- Prepare the lesson before going to class according to the study plan that lecturers have disseminated.
- Participate in learning activities in class: listening to lectures, answering questions, discussing in groups, doing practice as instructed by teachers.
- Online Learning

STUDENT TASKS

- Attendance: Students are required to attend at least 2/3 of the total theory lectures of the course.
- Preparation for the lecture: Students are required to read lecture notes, text books and references before attending the class.
- Group discussion and presentation: Students are required to engage in group discussion.
- Mid-term exam: Students miss a mid-term will be given a mark of zero.
- Final exam: Students must take the final exam and meet requirements.
- For online learning: Students need to install online learning software and fulfill the requirements for online learning.



ASSESSMENT METHODS

- Attendance: According to regulations of VNUA.
- Exercise and progress tests: Students must complete the exercises, group discussion and presentation with satisfied results.
- Mid-term exam: Midterm exam is 25 minutes long with a 30-question quiz.
- Final exam: Final exam is 50 minutes long with a 60-question quiz.
- For online evaluation: Students need to install software and fulfill the requirements for online evaluation.
- Grading: 10 marks
- Weighting:
 - ✓ Attendance: 10 %
 - ✓ Formative assessment: 40%
 - ✓ Final exam: 50%

LECTURERS

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