



COURSE SYLABUS

(TY02003: Veterinary Histology I)

Credits: 02 (Lectures: 1,5 – Practices: 0,5 – Self-study: 06)

EXPECTED LEARNING OUTCOMES

Indicators	Completing of the course, students will be able to	ELOs
Knowledge		
K1	Clearly explain the micro, microstructure of cells and basic tissues of animals	ELO 2: Analyzing of factors affecting breed production, nutrition and animal health care
K2	Analyze the relationship of structure, function of organs tissues, fundamental roles of the course with others courses in the training program, contributing in diagnosis, treatments for animals.	ELO 2: Analyzing of factors affecting breed production, nutrition and animal health care
Skills		
K3	Use equipment in the animal's histology laboratory that follows the instructions	ELO 5: Applying creative thinking, critical thinking and problem-solving skills in scientific research and professional practice effectively
K4	Practise histology sample preparation techniques, specimens preparation techniques, observing and analyzing the histology specimens under microscope	ELO 5: Applying creative thinking, critical thinking and problem-solving skills in scientific research and professional practice effectively
Attitudes and responsibilities		
K5	Show love for animals, meticulous, careful and responsible in works.	ELO 12: Complying with laws, internal regulations and professional ethical standards

CONTENTS

Theoretical parts:

Part 1: Cytology

Part 2. Histology

- Chapter 1. Epithelial tissue
- Chapter 2. Connective tissue
- Chapter 3. Muscle tissue
- Chapter 4. Nervous tissue

Practical part:

Practicing using microscope to observe histological specimens of animals

STUDENT'S DUTIES

- Attending the lectures
- Reviewing materials
- Discussing, writing reports, giving presentations
- Practising



ASSESSMENT METHODS

Rubric	Expected Learning Outcomes	Rate (%)
Rubric 1. Attendance and quick tests	K1, K2, K5	10
Rubric 2. Practice	K1, K2, K3, K4, , K5	30
Rubric 3. Final exam	K1, K2, K5	60

LEARNING METHODS

- Attending online and offline lectures
- Doing assignments, discussion, making presenters
- Practising

LECTURERS

1. TS. Trần Thị Đức Tâm (ttdtam@vnua.edu.vn)
2. TS. Hoàng Minh Sơn (hmson@vnua.edu.vn)
3. TS. Phạm Hồng Trang (phtrang@vnua.edu.vn)
4. TS. Nguyễn Văn Điệp (nvdiiep@vnua.edu.vn)