

FORENSIC MEDICINE AND NECROPSIC DIAGNOSIS

Study program	Veterinary Medicine
Year of study	VI
Semester	II
Regime of discipline	DOB
Category of discipline	Dsc
Number of lectures hours per week	0
Number of seminar/laboratory/project hours per week	2
Total number of hours according to the curriculum: lectures/seminars/laboratory/project	28
Number of transferable credits	4

SPECIFIC SKILLS

Professional Competence	<p>Skills: applies accumulated knowledge for all clinical disciplines (medical, infectious, parasitology, toxicology, surgery, breeding, CSV, etc.). Use the equipment and knowledge required to carry out a diagnosis of the disease.</p> <p>Discipline of pathological anatomy is part of the specialist disciplines. Cognitive: Acquiring basic knowledge concerning changes to macro-and microscopic pathological processes; changes in organs, mechanisms and systems, with the peculiarities of lesionable organ and species, as well as the correlative study of injuries in order to establish the diagnosis on the assignment.</p> <p>Knowledge of issues related to the morphology of the pathological processes, the relationship between the physical, chemical, and biological damage.</p> <p>Knowledge of Anatomy, histology, Physiology, biophysics, biochemistry, pathophysiology for the proper understanding of the mechanisms through which it can cause injuries or other pathological changes.</p> <p>Continuous assessment of the health status of animals through anatomo-pathologic diagnosis methods (C1).</p> <p>Using microscopic and macroscopic examination morfo-pathologic in scientific research for the prevention and control of animal disease (C6).</p>
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LEARNING OUTCOMES

Knowledge	The student/graduate recognizes, describes and evaluates the particularities of forensic diagnosis, specific methods and techniques; explains, interprets and correlates the principles of forensic medicine with the legal, ethical and technical aspects of forensic investigations.
Skills	The student/graduate applies, adapts and synthesizes specific methods and techniques to conduct forensic investigations and write relevant reports.
Responsibility and autonomy	The student/graduate develops, coordinates and integrates medico-legal processes, in compliance with professional standards and in collaboration with judicial authorities and interdisciplinary teams.

COURSE OBJECTIVES

General objective of the course	To transmit knowledge concerning changes of physico-structural tissues and organs (injuries) which together allow the assignment's diagnosis tissues, organs and systems, and finally to the diagnosis of the disease.
Specific objectives	<p>-Familiarizing students with the appearance and manifestation of pathologic processes.</p> <p>-Familiarizing students with the basics of macro-and microscopic changes in pathological processes; changes in organs, mechanisms and systems, with the peculiarities of lesionable organ and species, as well as the correlative study of injuries in order to establish the diagnosis with metabolic diseases, assignment and infectious invasion from different domestic species.</p> <p>They offer future veterinarian theoretical and practical basis of the understanding, knowledge and identification of lesionable organic processes.</p> <p>The students understanding of the various processes involved in the morbid body and at the same time you are "gifted" with postmortem diagnosis technique, one of the ways of diagnosis of utmost importance in</p>

the practice of veterinary medicine.

COURSE CONTENT

LECTURES	Number of hours
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SEMINAR/LABORATORY	Number of hours
Making necropsies on the corpses of birds for disease diagnosis.	6
Making necropsies on the corpses of pigs for disease diagnosis.	6
Making necropsies on the corpses of cattle for disease diagnosis.	4
Making necropsies on the corpses of sheeps for disease diagnosis.	6
Making necropsies on the corpses of horses for disease diagnosis..	4
Making necropsies on the corpses of in carnivores, of animals and lab coats for disease diagnosis.	6
Making necropsies on the corpses of birds for disease diagnosis.	6
Making necropsies on the corpses of pigs for disease diagnosis.	6
Making necropsies on the corpses of cattle for disease diagnosis.	4

BIBLIOGRAPHY:

- ADRIAN STANCU, Necropsic and Forensic Diagnostics – Notes of course.
- ADRIAN STANCU, (2014) – Practicum of veterinary pathological anatomy, Ed. Agroprint Timișoara.

ASSESSMENT

Activity type	Assessment criteria	Assessment methods	Percentage of final grade
Lectures			
Seminar/laboratory/clinical sessions	Applying acquisitions in providing examples, in carrying out analyses, in solving exercises, problems, in supporting arguments, etc. Using acquisitions specific to the discipline in the inter-, intra-, multi- and/or transdisciplinary approach to problems/problem situations.	Practical examination.	40%
Other activities			

Course coordinator: Prof. PhD. Adrian Stancu

Practical activities coordinator L/S/P: Prof. PhD. Adrian Stancu