

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
SUMY NATIONAL AGRARIAN UNIVERSITY
Faculty of Veterinary Medicine
Department of Veterinary and Sanitary Inspection, Microbiology, Hygiene and
Pathological Anatomy

MODULE SYLLABUS

Veterinary care for small pets
selective ____

Implemented in the “Veterinary Medicine” Academic Program
Area of specialization H 6 “ Veterinary Medicine”
at the second (master 's) level of higher education

Sumy- 2025

Author: _____

(signature)

Yuliya BAYDEVLYATOVA _____

(surname, initials)


Ph.D., associate

(academic degree and title, position)

Considered, approved
and approved at the
meeting of the
department of
Veterinary and Sanitary
Inspection,
Microbiology, Hygiene
and Pathological
Anatomy

protocol from 09.06.2025 № 16


The head
departments


Roman PETROV


Approved by:


Guarantor of the Academic program _____

Dean of the Faculty _____

 Lyudmila NAGORNA

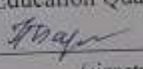
Work program review (attached) provided:

 Svitlana NAZARENKO

 V. RISOVA

Methodist of the Department of Education Quality,
licensing and accreditation _____

(signature)

 (N. BANZHIC)

(Full name)

Registered in the electronic database: date: 01.07. 2025

Syllabus review data:

Academic year in which changes are made	The number of the application to the work program with a description of the changes	The changes have been reviewed and approved		
		Date and number of the minutes of the meeting of the department	Head of Department	Guarantor of the educational program

1. MODULE OVERVIEW

1.	Title	Veterinary care for small pets			
2.	Faculty/Department	Department of Veterinary and Sanitary Inspection, Microbiology, Hygiene and Pathological Anatomy			
3.	Type (obligatory or optional)	selective			
4.	Program(s) to which module is attached	Veterinary medicine / 211 Veterinary medicine			
5.	Level of the National Qualifications Framework	-			
6.	Semester and duration of module	NRC of Ukraine - level 7, QF-EHEA - second cycle, EQF-LLL - level 7			
7.	ECTS credits number	12 semester, 15 weeks			
8.	Total workload and time allotment	5.0			
9.	The total number of hours and their distribution Language of instruction	Contact work (classes)			Individual work
		Lectures	Practical / seminar	Laboratory	
	12 semester	16		44	90
10.	Module leader	English			
11.	Module leader contact	Yuliya BAYDEVLYATOVA			
11.1	information				
12.	Module description	Veterinary care of small domestic animals as an academic discipline lays the foundations of knowledge about the biological characteristics, etiology of diseases of small and exotic animals, causes of spread, modern diagnostic methods, methods of treatment, prevention and control, which will be useful in future work.			
13.	Module aim	The purpose of the educational component is to develop in students deep theoretical knowledge and practical skills in recognizing diseases of small domestic animals, studying the etiology, pathogenesis, symptoms, course, prognosis, organization of therapeutic measures and prevention depending on the specific conditions of keeping and feeding small domestic animals.			
14.	Module Dependencies (prerequisites, co-requisites, incompatible modules)	The educational component, being the basis for clinical subjects, is based on the foundation of general theoretical disciplines: Animal Physiology, Clinical Diagnostics, Epizootology and Infectious Diseases, Parasitology and Invasive Diseases, Internal Diseases of Animals, Obstetrics and Gynecology of Animals.			
15.	The policy of academic integrity	During the study of the OK, any manifestations of academic dishonesty are not allowed. If a violation of academic integrity is detected (cheating, academic plagiarism, using gadgets while completing final assignments), the completed			

		assignment is canceled and not credited, the applicant is sent to re-perform the set of assignments. In the event of violations, the response is in accordance with the regulatory documentation on the academic integrity of participants in the educational process at Sumy NAU
16.	Key words	Small animals, cats, dogs, animal diseases, veterinary care

2. LEARNING OUTCOMES BY EDUCATIONAL COMPONENT AND THEIR RELATIONSHIP WITH PROGRAM LEARNING OUTCOMES

Learning outcomes for OK: After studying the educational component, the student is expected to be able to...»	PLOs ₁	PLOs ₂	How is RND assessed?
<p>DRN 1. Understand the importance of discipline in forming the worldview of a veterinary doctor. Follow safety rules when working with small domestic animals. Distinguish between animal breeds and their species. Know the regulatory requirements for keeping and feeding animals, anatomical and physiological features, clinical and biochemical indicators of blood, urine. Master the technique and methods of blood sampling and administering drugs to small domestic animals.</p> <p>Prepare blood smears, obtain blood serum and examine them, conduct clinical examinations of animals.</p>	+	+	<p>Oral control (participation in a discussion on the topic of the lecture)</p> <p>Laboratory and practical control (completion of tasks in laboratory work).</p> <p>Written control (completion of tasks for independent work, independent study of the topic as a whole or individual questions of independent work (testing results, preparation of presentations, presentation report of independently worked out material))</p> <p>Solution of situational tasks</p>
<p>DRN 2. Know the main infectious and invasive diseases of small domestic animals: etiology, diagnosis, treatment, prevention. Prepare the animal for vaccination and use vaccination schemes for dogs and cats for the prevention of infectious diseases; prepare the drug and conduct microscopic diagnostics of dermatophytoses; conduct coproovoscopic diagnostics of helminthiasis, microscopic (blood smears, native blood drop) diagnostics of babesiosis, dirofilariasis and diagnostics of arachnoentomosis of small domestic animals</p>	+	+	<p>Oral control (participation in a discussion on the topic of the lecture)</p> <p>Laboratory and practical control (completion of tasks in laboratory work).</p> <p>Written control (completion of tasks for independent work, independent study of the topic as a whole or individual questions of independent work (testing results, preparation of presentations, presentation report of independently worked out material))</p> <p>Solution of situational tasks</p>
<p>DRN 3. Know the sexual cycle in different animals, physiology and pathology of pregnancy, pathology of childbirth, postpartum diseases. Provide obstetric care during normal and pathological childbirth, castrate males and females. Perform cesarean section. Fix animals. Apply the scheme of clinical examination of animals. Conduct registration and collection of anamnesis. Analyze the results obtained. Understand the meaning of the results of animal registration and collection of anamnesis. Use the obtained data for further clinical examination of small domestic animals.</p>	+	+	<p>Oral control (participation in a discussion on the topic of the lecture)</p> <p>Laboratory and practical control (completion of tasks in laboratory work).</p> <p>Written control (completion of tasks for independent work, independent study of the topic as a whole or individual questions of independent work (testing results, preparation of presentations, presentation report of independently worked out material))</p> <p>Solution of situational tasks</p>

DRN 4. Diagnose skin diseases, wounds, hernias, bone and joint diseases: etiology, diagnostics. Treat and prevent diseases of various etiologies. Master the diagnosis of urolithiasis in cats and provide first aid for urethral obstruction. Fix animals. Apply the scheme of clinical examination of animals. Carry out registration and collection of anamnesis. Analyze the results obtained. Understand the meaning of the results of animal registration and collection of anamnesis. Use the obtained data for further clinical examination of small domestic animals.	+	+	<p>Oral control (participation in a discussion on the topic of the lecture)</p> <p>Laboratory and practical control (completion of tasks in laboratory work).</p> <p>Written control (completion of tasks for independent work, independent study of the topic as a whole or individual questions of independent work (testing results, preparation of presentations, presentation report of independently worked out material))</p> <p>Solution of situational tasks</p>
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3. CONTENT OF THE EDUCATIONAL COMPONENT (COURSE PROGRAM)

Topic. List of issues to be considered within the topic	Distribution within the overall time budget				Recommended Literature ¹
	Classroom work			Independent work	
	Luke	P.z / semin. with	Lab. with		
Topic 1. Definition of the discipline and its role in the formation of a doctor of veterinary medicine. Small animals, their significance.	2		4	8	1, 7, 10
Topic 2. Diseases of small domestic animals of viral etiology.	2		6	14	1, 5, 9, 11
Topic 3. Diseases of small domestic animals of bacterial etiology.	2		4	10	1, 10, 12
Topic 4. Parasitic diseases of small domestic animals	2		6	16	1, 3, 6, 8
Topic 5. Anatomical and physiological data on the reproductive system of females and males. Sexual cycle. Mating and fertilization. Physiology of pregnancy.	2		6	10	2, 4, 7, 9
Topic 6. Pathology of pregnancy: etiology, symptoms, diagnosis, treatment. Obstetric care. Rules for providing obstetric care.	2		6	14	4, 7, 11
Topic 7. Internal diseases of small domestic animals. Urolithiasis in cats and dogs. Etiology, diagnostics, treatment, prevention.	2		6	14	2, 6, 11, 11
Topic 8. Surgical diseases of small domestic animals	2		6	8	3, 5, 9, 11
Total	16		44	90	

4. TEACHING AND LEARNING METHODS

DRN	Teaching methods (work to be carried out by the teacher during classes, consultations)	Number of hours	Teaching methods (what types of educational activities the student must perform independently)	Number of hours
DRN 1	Survey of students with clarification of key issues of the subject, answers to students' questions, acquisition of practical skills, methods of performing laboratory work. Interactive discussion of the topic in the form of a discussion, which includes information presented in diagrams and pictures, description of the histopreparation, demonstration of individual morphological structures in the provided histopreparations and photographs. Solving situational problems that have a clinical direction and are based on knowledge and the ability to interpret morpho-functional relationships in the animal body	2	Independent processing of materials for the topic. Memorization of theoretical material, observation. On the basis of the studied and processed material, the preparation of a synopsis of independent work; registration of independent work with a histological preparation in the form of a protocol. Acquaintance with the information of official sites on the subject of the lesson or a separate question.	18
DRN 2	Survey of students with clarification of key issues of the subject, answers to students' questions, acquisition of practical skills, methods of performing laboratory work. Interactive discussion of the topic in the form of a discussion, which includes information presented in diagrams and pictures, description of the histopreparation, demonstration of individual morphological structures in the provided histopreparations and photographs. Solving situational problems that have a clinical direction and are based on knowledge and the ability to interpret morpho-functional relationships in the animal body		Independent processing of materials for the topic. Memorization of theoretical material, observation. On the basis of the studied and processed material, the preparation of a synopsis of independent work; registration of independent work with a histological preparation in the form of a protocol. Acquaintance with the information of official sites on the subject of the lesson or a separate question.	22
DRN 3	Survey of students with clarification of key issues of the subject, answers to students' questions, acquisition of practical skills, methods of performing laboratory work. Interactive discussion of the topic in the form of a discussion, which includes information presented in diagrams		Independent processing of materials for the topic. Memorization of theoretical material, observation. On the basis of the studied and processed material, the preparation of a synopsis of independent work; registration of independent work with a	22

	and pictures, description of the histopreparation, demonstration of individual morphological structures in the provided histopreparations and photographs. Solving situational problems that have a clinical direction and are based on knowledge and the ability to interpret morpho-functional relationships in the animal body		histological preparation in the form of a protocol. Acquaintance with the information of official sites on the subject of the lesson or a separate question.	
DRN 4	Survey of students with clarification of key issues of the subject, answers to students' questions, acquisition of practical skills, methods of performing laboratory work. Interactive discussion of the topic in the form of a discussion, which includes information presented in diagrams and pictures, description of the histopreparation, demonstration of individual morphological structures in the provided histopreparations and photographs. Solving situational problems that have a clinical direction and are based on knowledge and the ability to interpret morpho-functional relationships in the animal body	2	Independent processing of materials for the topic. Memorization of theoretical material, observation. On the basis of the studied and processed material, the preparation of a synopsis of independent work; registration of independent work with a histological preparation in the form of a protocol. Acquaintance with the information of official sites on the subject of the lesson or a separate question.	18

5. ASSESSMENT

5.1. Diagnostic assessment

5.2. Summative assessment

5.2.1. Intended learning outcomes methods:

No	Methods of summative evaluation	Points / Weight in the overall score	Date of compilation
1.	Oral control (participation in a discussion on the topic of the lecture)	30 points / 30%	Weekly
2.	Written control (performance of tasks on independent work)	20 points / 20%	According to the schedule
3.	Laboratory-practical control (performance of tasks on laboratory works)	20 points / 20%	According to the schedule of the hospital
4.	Exam	30 points / 30%	15 week

5.2.2. Grading criteria

Component ¹	Unsatisfactorily	Satisfactorily	Okay	Perfectly ²
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¹ Indicate the component of summative assessment

² Indicate the distribution of points and the criteria that determine the level of evaluation

	<i><15 points</i>	<i>15-20 points</i>	<i>21-26 points</i>	<i>27-30 points</i>
Thematic survey. Oral control	The student can play only individual fragments of the course.	The student has certain knowledge provided in the program of the discipline, has the basic provisions studied at a level that is defined as the minimum allowable	The student in general is well versed in the material, knows the basic provisions of the material, makes an analysis of possible situations based on them and is able to apply in solving typical practical problems, but admits some inaccuracies	The student demonstrates complete and solid knowledge of the educational material in the amount that corresponds to the program of the discipline, correctly and reasonably makes the necessary decisions in various non-standard situations.
	<i><7 points</i>	<i>8-13 points</i>	<i>14-19 points</i>	<i>20 points</i>
Laboratory-practical control (performance of tasks on laboratory works) Solution of situational tasks	The student is not prepared to solve problems, the answer is incomplete, some components are missing or insufficient to disclose	Most requirements are met, but some components are missing or insufficiently disclosed, there is no analysis of other approaches to the issue Using the basic theoretical provisions, the student has difficulty performing the task. Tasks are significantly formalized: there is a correspondence of the algorithm, but there is no deep understanding of the work	The student has mastered the basic material, and understands the solution of problems, has suggestions on the direction of their solutions. All the requirements of the task are met, but in violation of the methods	The task is performed methodically correctly and qualitatively. The student is able to implement the theoretical provisions of the discipline in practice When performing tasks, he showed the ability to solve tasks independently
	<i><7 points</i>	<i>8-13 points</i>	<i>14-19 points</i>	<i>20 points</i>
Written control (performance of tasks on independent work). Protection of the abstract from independent work	The student does not have a complete understanding of the material on the discipline. The student is not prepared to independently solve problems that outline the purpose and objectives of	Despite the fact that the student completed the program of the discipline, he worked passively, his answers during the registration of works are mostly incorrect,	Knows the characteristics of the main provisions that are crucial in performance of registration of tasks and explanation of the accepted decisions, within the discipline	When performing tasks, he showed the ability to solve tasks independently. The synopsis is designed flawlessly, logically arranged material with an understanding of the relationships of

	the discipline	unfounded	studied. Errors in the answers are not systemic.	the processes disclosed on this topic.
Exam	<i><15 points</i>	<i>15-20 points</i>	<i>21-26 points</i>	<i>27-30 points</i>
	The issues of the exam ticket are not disclosed	2 questions are solved	3 questions are solved	Three issues are revealed and the own solution of the problem is offered

6. EDUCATIONAL RESOURCES (LITERATURE)

6.1. Main sources

6.1.1. Textbooks, manuals

1. Zon G.A., Ivanovska L.B. Differential pathoanatomical diagnostics of infectious diseases of animals: Manual. Sumy: Mriya-1, 2015. 206 p.
2. Zon G.A. Pathological anatomy of parasitic diseases of animals: Educational edition. Sumy: Dzherelo, 2015. 226 p.
3. Galatyuk O.E., Peredera O.O., Lavrinenko I.V., Zhernosik I.A. Infectious diseases of cats. Zhytomyr: Polissya. 2016. 135 p.
4. Galatyuk O.E., Peredera O.O., Lavrinenko I.V., Zhernosik I.A. Infectious diseases of dogs. Zhytomyr: Polissya. 2018. 278 p.
5. Borisevich V.B., Borisevich B.V. Infectious and non-infectious diseases of dogs. K., 2007. 435 p.

6.1.2. Methodological support

6. Reshetylo O.I. Methodological instructions for conducting laboratory and practical classes in the discipline "Diseases of small animals" on the topic: "Diseases of dogs of viral etiology" for students of the Bachelor's degree program of the Faculty of Veterinary Medicine. Sumy, 2015. 30 p.
7. Reshetylo O.I. Methodological instructions for laboratory and practical classes in the discipline "Diseases of small animals" on the topic: "Diseases of cats of viral etiology" part 1 for students of the Bachelor's degree program of the Faculty of Veterinary Medicine. Sumy, 2015. 22 p.
8. Reshetylo O.I. Methodical instructions for laboratory and practical classes in the discipline "Diseases of small animals" on the topic: "Diseases of cats of viral etiology" part 2. Sumy, 2016 - 26 p.
9. Reshetylo O.I. Methodical instructions for conducting laboratory and practical classes in the discipline "Diseases of small animals" on the topic: "Diseases of dogs of bacterial etiology" for students of the Faculty of Veterinary Medicine. Sumy, 2016. 19 p.
10. Reshetylo O.I. Methodical instructions for independent work in the discipline "Diseases of small animals" for students of the direction of training 211 "Veterinary medicine", 212 "Veterinary hygiene, sanitation and examination" OKR "bachelor" of the Faculty of Veterinary Medicine. Sumy, 2017. 95 p.
11. Reshetylo O.I. Methodological instructions for lectures on the discipline "Diseases of small animals" for students of specialty 211 "Veterinary medicine" educational degree "bachelor" of the Faculty of Veterinary Medicine. Sumy, 2018. 93 p.
12. Diseases of small and exotic animals. Methodological instructions for conducting laboratory and practical classes on the discipline "Diseases of small and exotic animals" "Methods of diagnosing diseases of dogs of viral etiology" for students of specialty 211 - "Veterinary medicine", 212 "Veterinary hygiene, sanitation and examination", educational degree "master" (approved by the method. Council of the Faculty of Veterinary Medicine, protocol No. 5, dated 05/10/2022) / O.I. Reshetylo, - Sumy, 2022 - 26 p.