

Ministry of Education and Science of Ukraine  
Sumy National Agrarian University Faculty of  
Veterinary Medicine  
Department of Epizootology and Parasitology

**Work program (syllabus) of the educational  
component**

State veterinary and sanitary control and  
supervision is mandatory

(mandatory / optional)

It is implemented within the educational program

**"Veterinary Medicine"**

(name)

in specialty 211 "Veterinary Medicine"

(code, name)

at the second (master's) level of higher education

Sumy - 2023

Developer: Kasj- Kasianenko S.M.

(signature)

(name, initials) (degree and rank, position)

Considered, approved and approved at the meeting of the department epizootology and parasitology (name of department)	protocol dated June 19, 2023 No. 20	
	Head of Department	<u>Kasianenko O.I.</u> (signature) (surname, initials)

Agreed:

Guarantor of the educational program Petrov R.V.

(signature) (surname)

Dean of the faculty where the educational program is implemented

Nechiporenko O.L.

(signature) (surname)

Review of the work program (attached) provided: \_\_\_\_\_

Harmona N.B.  
(surname)

(surname)

Methodist of the Education Quality Department,  
licensing and accreditation

Harmona N.B. (Harmona N.B.)  
(signature) (surname)

Registered in the electronic database: date: 26.06. 2023

## Information on viewing the work program (syllabus):

Educational the year in which are introduced changes	The number of the annex to the work program with a description of the changes	The changes were reviewed and approved		
		Date and number protocol of the meeting department	Head of Department	Guarantor educational programs

**GENERAL INFORMATION ABOUT THE EDUCATIONAL COMPONENT**

1.	The name is OK	State veterinary and sanitary control and supervision			
2.	Faculty/department	Faculty of Veterinary Medicine / Department of Epizootology and of parasitology			
3.	The status is OK	Mandatory			
4.	Program/Specials(programs), the component of which is OK for (to be filled in <i>for mandatory OKs</i> )	212 Veterinary hygiene, sanitation and expertise			
5.	It can be OK proposed for (filled in for <i>selective OCs</i> )				
6.	NRK level	7th level			
7.	Semester and duration of study	10 semester, 15 weeks			
8.	Number of credits ECTS	4.0			
9.	The total number of hours and their distribution	Contact work (class)			Independent work
		Lectures	Practical/seminar	Laboratory	
		8	14	-	
10.	Language of education	Ukrainian			
11.	Teacher/Coordinator of the educational component	Head of the department, doctor of science, professor Kasyanenko O.I.			
11.1	Contact Information	Corp. 3, room 81, Phone: +8(096) 069 09 02; viber +8(095) 615 39 02 oksana_kasjanenko@ukr.net			
12.	General description of the educational component	Educational component: "State veterinary sanitary control and supervision" - as a scientific discipline studies the organization of veterinary activities in various branches of production, processing and sale of livestock products on the basis of free enterprise. It investigates the forms of manifestation of objective economic laws of the market in specific conditions of production and consumption of veterinary goods, provision of paid veterinary services.			
13.	The purpose of the educational component	The purpose of teaching the educational discipline "State veterinary-sanitary control and supervision" is to study the veterinary legislation of Ukraine regarding state veterinary-sanitary control and supervision.			

14.	Prerequisites study of OC, connection with other educational components of OP	The educational component is based on the study of OK: Organization and economy of veterinary business Veterinary legislation of Ukraine and international veterinary law
15.	Policy of academic integrity	Any manifestations of academic dishonesty are not allowed during the study of OK. Systems are tools for countering violations of academic integrity <a href="#">Plagiarism check algorithm</a> . In the case of the occurrence of response violations occurs accordingly regulatory documentation regarding the academic integrity of participants in the educational process at the Sumy National University ( <a href="https://snau.edu.ua/viddil-zabezpechennya-yakosti-osviti/zabezpechennya-yakosti-osviti/akademichna-dobrocheshnist/">https://snau.edu.ua/viddil-zabezpechennya-yakosti-osviti/zabezpechennya-yakosti-osviti/akademichna-dobrocheshnist/</a> ). Identifications violation academic integrity, the completed task is not counted and sent for re-execution.
16	Link to MOODLE	<a href="https://cdn.snau.edu.ua/moodle/course/view.php?id=1528">https://cdn.snau.edu.ua/moodle/course/view.php?id=1528</a>

## 2. LEARNING RESULTS UNDER THE EDUCATIONAL COMPONENT AND THEIR RELATIONSHIP WITH PROGRAM LEARNING OUTCOMES

Study results for OK:  After studying the educational component, the student is expected to be able to analyze and apply in practice the legislative framework in the field of veterinary legislation regarding:	Program learning outcomes, to be achieved by the OK (indicate the number according to the numbering given in the OP)								As estimated RND
	PRN 1	PRN 3	PRN 4	PRN 5	PRN 6	PRN 7	PRN 10	PRN 11	
DRN 1. Structure and public administration and in the field "Veterinary"	+	+	+	+	+	+	+	+	survey of theoretical questions, performance of assignments in laboratory and practical classes, testing, execution tasks independent work

DRN 2 Legal regulation of animal welfare and health protection	+	+	+	+	+	+	+	+	survey of theoretical questions, performance of assignments in laboratory and practical classes, testing, execution tasks of independent work
DRN 3. Implementation of state control over compliance with the legislation on food products, feed and by-products of animal origin	+	+	+	+	+	+	+	+	survey of theoretical questions, implementation task laboratory-practical classes, testing, performance of tasks independent work
DRN 4. Application, principles of control and audit of the HACCP system.	+	+	+	+	+	+	+	+	survey of theoretical questions, implementation assignment of laboratory and practical classes, testing, performance of tasks of independent work
DRN 5. State control at the border	+	+	+	+	+	+	+	+	- polltheoretical questions, - implementation tasks onlaboratory and practical classes, testing, tasks independent work
DRN 6. National and international safety legislation food products, animal by-products and feed	+	+	+	+	+	+	+	+	survey of theoretical questions, implementation task laboratory-practical classes, testing, execution tasks independent work

### 3. CONTENTS OF THE GLOBAL COMPONENT (PROGRAM EDUCATIONAL DISCIPLINE)

Topic. List of issues to be considered within the topic	Distribution within the general time budget			Independent work	Recommended Books <sup>1</sup>
	Auditory work				
	Lk	Lab	Pz.		
Topic 1. Structure and state management in the field of "Veterinary"	-	2		16	
Topic 2. System of state control in the field of veterinary medicine	2	2		16	[1, 2, 4, 5, 8, 14, 15, 21]
Topic 3. State control over compliance with the legislation on food products, fodder and by-products of animal origin	2	4		18	[4, 6, 9, 15, 20]
Topic 4. Food safety control system	2	2		16	[3, 4, 10, 16]
Topic 5. Requirements for implementation of international trade	2	2		16	[4, 7, 13, 17, 21]
Topic 6. National and international legislation in the field of food safety and quality	-	2		16	[4, 6, 10, 15, 19, 20]
In total	8	14		98	

### 4. TEACHING AND LEARNING METHODS

DRN	Teaching methods(work to be carried out by the teacher during classroom classes, consultations)	Number of hours	Teaching methods(what types of training activities must be performed by the student independently)	Number of hours
DRN 1. Structure and public administration and in the field "Veterinary"	<p><b>Teaching methods by source of knowledge:</b> <i>Verbal:</i> story, explanation, conversation (heuristic and reproductive), lecture, instruction. <i>In person:</i> demonstration, illustration, observation. Active methods: (use of technical teaching aids, use of educational and control tests)</p> <p><b>Interactive methods presentation:</b> (use of multimedia technologies, electronic spreadsheets.</p>	2	<p><b>Learning methods by source of knowledge:</b> <i>Verbal:</i> work with a book (reading, retelling, production of supporting notes), In-person: observation. <b>Learning methods according to the nature of the logic of cognition:</b> (analytical, deductive method). <i>Active methods</i> (brainstorming, round tables). <b>Interactive learning technologies</b> (using multimedia technologies, dialogic learning, student cooperation (cooperation))</p>	16

<p>DRN 2 Legal regulation of animal welfare and health protection</p>	<p><b>Teaching methods by source of knowledge:</b><i>Verbal:</i> story, explanation, conversation (heuristic and reproductive), lecture, instruction. <i>In person:</i> demonstration, illustration, observation. Active methods: (use of technical teaching aids, use of educational and control tests) <b>Interactive teaching methods:</b>use of multimedia technologies,</p>	<p>4</p>	<p><b>Learning methods by source of knowledge:</b> <i>Verbal:</i>work with a book (reading, retelling, production of supporting notes), In-person: observation. <b>Learning methods according to the nature of the logic of cognition:</b>(analytical, synthesis methods, inductive method. Active methods (brainstorming, round tables). <b>Interactive learning technologies</b>(using multimedia technologies, dialogic learning, student cooperation (cooperation)</p>	<p>16</p>
<p>DRN 3. Implementation of state control over compliance with the legislation on food products, feed and by-products of animal origin</p>	<p><b>Teaching methods by source of knowledge:</b><i>Verbal:</i>story, explanation, conversation (heuristic and reproductive), lecture, instruction. <i>In person:</i>demonstration, illustration, observation. Active methods: (use of technical teaching aids, use of educational and control tests)<b>Interactive method presentation:</b>(use of multimedia technologies, electronic spreadsheets.</p>	<p>6</p>	<p><b>Learning methods by source of knowledge:</b> <i>Verbal:</i>work with a book (reading, retelling, production of supporting notes), In-person: observation. <b>Learning methods according to the nature of the logic of cognition:</b>(analytical, synthesis methods, inductive method, deductive method). <b>Interactive learning technologies</b>(using multimedia technologies, dialogic learning, student cooperation (cooperation)</p>	<p>18</p>
<p>DRN 4. Application, principles of control and audit of the HACCP system</p>	<p><b>Teaching methods by source of knowledge:</b><i>Verbal:</i>story, explanation, conversation (heuristic and reproductive), lecture, instruction. <i>In person:</i>demonstration, illustration, observation. Active methods: (use of technical teaching aids, use of educational and control tests) <b>Interactive methods presentation:</b>(use of multimedia technologies, electronic spreadsheets.</p>	<p>4</p>	<p><b>Learning methods by source of knowledge:</b> <i>Verbal:</i>work with a book (reading, retelling, production of supporting notes), In-person: observation. <b>Learning methods according to the nature of the logic of cognition:</b>(analytical, synthesis methods, inductive method, deductive method). <i>Active methods</i>(brainstorming, round tables). <b>Interactive learning technologies</b>(using multimedia technologies.</p>	<p>16</p>



DRN 5. State control at the border	<b>Teaching methods by source of knowledge:</b> <i>Verbal:</i> story, explanation, conversation (heuristic and reproductive), lecture, instruction. <i>In person:</i> demonstration, illustration, observation. Active methods: (use of technical teaching aids, use of educational and control tests) Interactive teaching methods: (use of multimedia technologies, electronic tables.	4	<b>Learning methods by source of knowledge:</b> <i>Verbal:</i> work with a book (reading, retelling, production of supporting notes), In-person: observation. <b>Learning methods according to the nature of the logic of cognition:</b> (analytical, synthesis methods, inductive method, deductive method). <i>Active methods</i> (brainstorming, round tables). <b>Interactive learning technologies</b> (using multimedia technologies, dialogic learning, student cooperation (cooperation))	16
DRN 6. National and international safety legislation food products, animal by-products and feed	<b>Teaching methods by source of knowledge:</b> <i>Verbal:</i> story, explanation, conversation (heuristic and reproductive), lecture, instruction. <i>In person:</i> demonstration, illustration, observation. Active methods: (use of technical teaching aids, use of educational and control tests) Interactive teaching methods: (use of multimedia technologies, electronic tables.	2	<b>Learning methods by source of knowledge:</b> <i>Verbal:</i> work with a book (reading, retelling, production of supporting notes), In-person: observation. <b>Learning methods according to the nature of the logic of cognition:</b> (analytical, synthesis methods, inductive method, deductive method). Active methods (brainstorming, round tables). <b>Interactive learning technologies</b> (using multimedia technologies, dialogic learning, students (cooperation))	16
		<b>22</b>		<b>98</b>

## 5. EVALUATION BY THE EDUCATIONAL COMPONENT 5.1. Diagnostic evaluation (indicated as necessary)

### 5.2. Summative assessment

5.2.1. To assess the expected learning outcomes, it is provided

No	Methods of summative assessment	Points / Weight in general assessment	Compilation date
1.	Thematic survey	25 points / 35%	Weekly
2.	Performance of laboratory-practical tasks classes	25 points / 35%	According to schedule
3.	Testing	15 points / 15%	During 7-8 weeks
4.	Report with presentation subjectindependent study of the discipline	5 points / 15%	According to the module delivery schedule

### 5.2.2. Evaluation criteria

<b>Component1</b>	<b>Unsatisfactorily</b>	<b>Satisfactorily</b>	<b>Fine</b>	<b>Excellent2</b>
Thematic survey	<i>&lt;12 points</i>	<i>12-15 points</i>	<i>15-18 points</i>	<i>20 points</i>
	The student can reproduce only individual fragments from the course.	Most of the requirements are met, but some components are missing or insufficiently disclosed, there is no analysis of other approaches to the question	All requirements of the task have been fulfilled	Fulfilled all the requirements of the task, demonstrated creativity, thoughtfulness, proposed itself problem solving
Implementation tasks in laboratory-practical classes	<i>&lt;12 points</i>	<i>12-15 points</i>	<i>15-18 points</i>	<i>20 points</i>
	Requirements regarding the task not completed	Most of the tasks done with using theoretical regulations, a student from explains with difficulties rulemaking laboratory-practical tasks. Execution individual control tasks much formalized absent deep understanding of work	Student mastered basic material, task, were considered	The acquirer implements the theoretical discipline in execution laboratory and practical work, able to analyze and compare the obtained results on the basis of the acquired data disciplines of knowledge, skills, and practical skills
Test multiple choice	<i>≤ 5 points</i>	<i>6–9 points</i>	<i>10–13 points</i>	<i>14–15 points</i>
	The student gives the correct answer to several questions (≤ 33% of correct answers).	The student has certain knowledge provided for in the discipline program, possesses the main provisions being studied and gives the correct answer to several questions (34-59% of correct answers).	Students generally has a good command of the material, knows the main ones position material, and gives the correct one answerable several questions (60–89% correct answers).	Student demonstrates complete and solid knowledge of the subject materials volume, which corresponds to the program disciplines, right gives answerable test question (90–100% correct answers).

Preparation and presentation report of self-processed material	<9 points	10-19 points	20-39 points	40-45 points
	Integrity of understanding material the student lacks discipline. Student no carried out independent processing of the material.	Though, what program educational the student completed the disciplines, individual components missing or insufficiently worked out, the student worked passively.	Knows the main provisions individual tasks. There are no mistakes in the answers essential	done every requirements, tasks, demonstrated creativity, thoughtfulness, proposed own solution to the problem.

### 5.3. Formative assessment:

To assess the current progress in learning and understand the directions for further improvement is provided

No	Elements of formative assessment	Date
1	Verbal feedback after studying topics 1,2,3,4,5,6,7,8,9	2,4,6,8,10,12,14,15 weeks semester
2	Written feedback after studying topics 1-3, 4-9	8.15 weeks of the semester
3	Written feedback from the teacher during work on laboratory-practical tasks	Within 1 week after implementation
4	Verbal feedback from the teacher after a report with a presentation on the topic of independent study disciplines	During classes

## 6. EDUCATIONAL RESOURCES (LITERATURE)

### Legal acts:

1. Law of Ukraine "On Veterinary Medicine" (Vedomosti Verkhovna Rada of Ukraine, 2006, No. 14, Article 116).
2. Law of Ukraine "On Ensuring Sanitary and Epidemic Welfare of the Population". Available: <https://zakon.rada.gov.ua/laws/show/4004-12#Text>
3. Law of Ukraine "On basic principles and requirements for the safety and quality of food products". Available: <https://zakon.rada.gov.ua/laws/show/771/97-%D0%B2%D1%80#Text>
4. The procedure for issuing veterinary documents (Amended and supplemented from September 7, 2009, No. 320).
5. Instructions for registration by the state bodies of veterinary medicine, units of the veterinary militia for conducting quarantine veterinary measures
6. materials on administrative offenses. - approved by the Order of the State Committee of Veterinary Medicine of Ukraine on September 18, 2009. No. 343.
7. Code of Ukraine on Administrative Offenses // Bulletin of the Verkhovna Rada of the Ukrainian SSR, 1984, appendix to No. 51, Art. 1122. With the latest changes [from July 4, 2014 year No. 1586-VII](#)
8. Law of Ukraine "On fish, other aquatic living resources and food products from them" // Vidomosti Verkhovna Rada (VVR), 2003, No. 15, Article 107 (With changes made in accordance with the Law [No. 1461-IV](#) dated 05.02.2004, VVR, 2004, No. 19, Article 273). With changes introduced in accordance with Laws N 191-VIII (191-19) dated 12.02.2015, VVR, 2015, N 21, Article 133 N 867-VIII (867-19) dated 08.12.2015
9. Law of Ukraine "On the Animal World". With changes and additions introduced
10. Laws of Ukraine. N 77-VIII ( 77-19 ) dated 12.28.2014, VVR, 2015, N 11, Article 75 N 322-VIII ( 322-19 ) dated 04.09.2015, VVR, 2015, N 25, Article 194 }
11. Order of the Ministry of Agrarian Policy and Food of Ukraine dated June 25, 2018 No. 288 "On Approval of Methods of Selection and Preparation of Samples to Determine the

Maximum Permissible Levels of Certain Pollutants in Products for the Purposes of State Control", reg. Ministry of Justice of Ukraine 11.09.2018 under No. 1039/32491

12. Order of the Ministry of Agrarian Policy and Food of Ukraine dated 06/25/2018 No. 289 "On approval of methods of selection and preparation of samples for determining the maximum permissible levels of pesticide residues in products of plant and animal origin for the purposes of state control", registered by the Ministry of Justice of Ukraine on 08/23/2018. under No. 857/32309

13. Order of the Ministry of Agrarian Policy and Food of Ukraine dated February 5, 2019 No. 34 "On approval of methods of selection and preparation of samples for determining the maximum permissible levels of nitrates in some food products for the purposes of state control", reg. Ministry of Justice of Ukraine 02/28/2019 under No. 207/33178

#### **Recommended Books**

14. Galatyuk O.E., Radzihovskyi M.L. (2013). Organization of preventive and health measures for infectious diseases of animals Methodological guide. Zhytomyr: Ruta, 454 p.

15. Yatsenko I.V., Fotina T.I., Babaruk A.V., Biben I.A., Bogatko N.M., Babaruk A.V., Lotskin I.M., Golovko N.P., Fotin A. AND. (2018). Directory of the state inspector of veterinary medicine at the state border of Ukraine. Kharkiv: "DysaPlus", 2018., 640 p..

#### **Methodical support**

16. Kasianenko O.I. (2020). State control of food products: Methodological guidelines for conducting laboratory-practical classes and independent work on state control of food products. Sumy: SNAU, 22 p.

17. Kasianenko O.I. (2020). State control of food products. State control of food products of animal origin and live animals. Methodical guidelines for conducting laboratory-practical and independent classes for FVM students Master's degree, Sumy: SNAU, 27 p.

18. Methodical guidelines for students' independent work "Criminal offenses in the field of veterinary medicine" for students of the Faculty of Veterinary Medicine Author Fotin A.I. protocol No. 2 of November 16, 2020, 46 pages, was approved by the MRFVM.

19. Fotina G.A., Fotin A.I. (2019). Methodical instructions for independent work "State control of food products of animal origin and live animals", Sumy: SNAU, 24 p. Protocol No. 2 of November 4, 2019 was approved by the Ministry of Internal Affairs and Communications of Ukraine.

20. Fotina G.A., Fotin A.I. (2019). Methodical instructions for independent work "Implementation of state control at the border and in exporting countries", Sumy: SNAU, 36 p. Protocol No. 2 of November 4, 2019 was approved by the Ministry of Internal Affairs and Communications of Ukraine.

21. Fotina G.A., Fotin A.I. (2019). Methodical instructions for independent work "Responsibility for violation of the law, legislation on food products and feed". Sumy: SNAU, 36 p. Protocol No. 2 of November 4, 2019 was approved by the Ministry of Internal Affairs and Communications of Ukraine.