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**Federal State Autonomous Educational Institution for Higher Education PEOPLES'  
FRIENDSHIP UNIVERSITY OF RUSSIA  
Agrarian and Technological Institute**

## WORKING COURSE SYLLABUS

### **Organization of state veterinary supervision**

**Recommended by the Methodological Council for the Education Field:**

**36.05.01 Veterinary medicine**

## 1. GOALS AND OBJECTIVES OF THE DISCIPLINE

The aim of mastering the discipline "**Organization of state veterinary supervision**" is the formation of theoretical knowledge about the organization and procedure of state veterinary supervision at subordinate facilities and practical skills of maintaining documentation of the state veterinary inspector.

## 2. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE

The development of the discipline "**Organization of state veterinary supervision**" is aimed at creating the following competencies (parts of competencies) for students:

*Table 2.1. List of competencies formed by students during the development of the discipline (results of the development of the discipline)*

<b>Code</b>	<b>Competence</b>	<b>Indicators of competence accomplishment</b> (within the discipline)
UK-1	The ability to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy of action.	UK-1.1 Analyzes the task, highlighting its basic components;
		UK-1.2 Defines and ranks the information required to solve the task;
		UK -1.3 Searches for information to solve the task by various types of queries;
		UK-1.4 Offers solutions to the problem, analyzes the possible consequences of their use;
		UK -1.5 Analyzes the ways of solving problems of a philosophical, moral and personal nature based on the use of basic philosophical ideas and categories in their historical development and socio-cultural context.
UK -8	The ability to create and maintain safe living conditions in everyday life and in professional activities for the preservation of the natural environment, ensuring the sustainable development of society, including in the event of a threat and occurrence of emergencies and military conflicts.	UK-8.1 Analyzes the factors of harmful influence on the vital activity of elements of the habitat. (technical means, technological processes, materials, buildings and structures, natural and social phenomena);
		UK -8.2 Identifies dangerous and harmful factors within the scope of the task being performed;
		UK-8.3 Identifies and eliminates problems related to safety violations in the workplace;
		UK-8.4 Explains measures to prevent emergencies;

		UK -8.5 "Explains the rules of conduct in the event of emergencies of natural and man-made origin, as well as in the event of military conflicts;"
		UK-8.6 Provides first aid, participates in recovery activities.
UK-11	The ability to form an intolerant attitude to corrupt behavior	UK -11.1 Analyzes the current legal norms that ensure the fight against corruption in various areas of life, as well as ways to prevent corruption and form an intolerant attitude towards it
		UK -11.2 Plans, organizes and conducts activities that ensure the formation of a civic position and the prevention of corruption in society
		UK -11.3 Adheres to the rules of public interaction on the basis of compliance with current legislation and intolerant attitude to corruption
UK -12	The ability to search for the necessary sources of information and data, to perceive, analyze, memorize and transmit information using digital means, as well as using algorithms when working with data obtained from various sources in order to effectively use the information received to solve problems; to evaluate information, its reliability, build logical conclusions based on incoming information and data	UK -12.1 Searches for the necessary sources of information and data, perceives, analyzes, remembers and transmits information using digital means, as well as using algorithms when working with data obtained from various sources in order to effectively use the information received to solve problems
		UK-12.2 Evaluates information, its reliability, builds logical conclusions based on incoming information and data
GPC-3	The ability to carry out and improve professional activities in accordance with regulatory legal acts in the field of agro-industrial complex.	GPC-3.1 He knows modern legal norms, both state and international, regulating activities in the field of veterinary medicine, veterinary and sanitary expertise and agro-industrial complex.
		GPC-3.2 Has the skills of updating legal information, including in the field of agro-industrial complex of professional orientation.
		GPC-3.3 Carries out activities in accordance with regulatory legal acts in the field of agriculture, as well as in the field of veterinary medicine and veterinary and sanitary expertise.

GPC -5	The ability to draw up special documentation, analyze the results of professional activity and submit accounting documents using specialized databases.	GPC-5.1 Has the skills to search for the necessary forms of documentation on official websites and in specialized databases.
		GPC-5.2 Possesses professional terminology and skills in filling out analytical and reporting documents of a professional orientation.
		GPC-5.3 He is able to use specialized software to analyze the results of professional activity and compile accounting documentation.
GPC -6	The ability to analyze, identify and assess the risk of the risk of the occurrence and spread of diseases.	GPC-6.1 Has knowledge in the field of etiology and pathogenesis of animal diseases of different species.
		GPC-6.2 Has the skills to diagnose non-infectious, infectious and invasive diseases, identify pathogens of infectious and invasive diseases in animals.
		GPC-6.3 He knows the patterns of the occurrence and spread of diseases in animal populations, factors predisposing to diseases and the causes of possible complications.
PC -22	Ability to organize measures to protect the organization from the introduction of infectious and invasive diseases in accordance with the plan of antiepidemiological measures.	PC -22.1 He is able to assess the epizootic state of an organization (territory), identify risks and possible causes of epizootic foci, as well as factors affecting their spread in specific organizations, territories.
		PC-22.2 Able to choose and apply the most effective measures to protect the organization from the introduction of infectious and invasive diseases.
		PC-22.3 He is able to carry out operational control of the effectiveness of the activities carried out.
PC -23	The ability to analyze the effectiveness of measures for the prevention of animal diseases in order to improve them.	PC-23.1 He is capable of collecting and analyzing information, including veterinary statistics data, necessary to assess the effectiveness of preventive antiepidemiological measures, prevention of non-infectious animal diseases, veterinary and sanitary measures.
		PC-23.2 Able to evaluate the effectiveness of preventive measures and methods of their implementation,

		including using special software.
		PC -23.3 He is able to make suggestions on the correction of measures for the prevention of animal diseases on the basis of the analysis carried out.

### 3. COURSE IN HIGHER EDUCATION

The discipline "**Organization of state veterinary supervision**" belongs to the part formed by the participants of educational relations of the block B1 of the Educational Program of Higher Education.

As part of the Educational Program of Higher Education, students also master other disciplines and /or practices that contribute to achieving the planned results of mastering the discipline "**Organization of state veterinary supervision**".

*Table 3.1. List of Higher Education Program components disciplines that contribute to expected learning outcomes*

<b>Competence code</b>	<b>Competence</b>	<b>Previous Disciplines (Modules)</b>	<b>Subsequent Disciplines (Modules)</b>
UK -1	The ability to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy of action	History Philosophy Life safety Obstetrics, gynecology and andrology Internal non-infectious diseases General surgery Private Veterinary surgery Parasitology and invasive diseases Epizootology and infectious diseases Veterinary and sanitary examination Organization of veterinary business Mathematics Fundamentals of Economics and Management Veterinary deontology	Career Management Space technologies in the service of the agro-industrial complex Reconstructive and reconstructive surgery

		Fundamentals of intellectual work Zoopsychology	
UK -8	The ability to create and maintain safe living conditions in everyday life and in professional activity for the preservation of the natural environment, ensuring the sustainable development of society, including in the event of a threat and occurrence of emergencies and military conflicts	History Inorganic and analytical chemistry Organic Chemistry Biological physics Physical and colloidal chemistry Life safety Biological chemistry Veterinary microbiology and mycology Virology and biotechnology Veterinary Radiobiology Parasitology and invasive diseases Epizootology and infectious diseases Organization of veterinary business General and veterinary ecology Veterinary sanitation Veterinary deontology Laboratory diagnostics of infectious and invasive diseases	-
UK -11	The ability to form an intolerant attitude to corrupt behavior	Jurisprudence Philosophy Forensic veterinary examination and autopsy of animals Veterinary deontology Personality psychology and professional self-determination	Fundamentals of social and legal knowledge
UK -12	The ability to search for the necessary sources of information and data, to perceive, analyze, memorize and transmit information using digital means, as well as using	Jurisprudence Computer science Philosophy Life safety Instrumental diagnostic methods Organization of	Jurisprudence Computer science Philosophy Life safety Instrumental diagnostic methods Organization of

	<p>algorithms when working with data obtained from various sources in order to effectively use the information received to solve problems, evaluate information, its reliability, build logical conclusions based on incoming information and data</p>	<p>veterinary business Forensic veterinary examination and autopsy of animals Mathematics Veterinary deontology Medicinal and poisonous plants Fundamentals of intellectual work Personality psychology and professional self-determination Clinical laboratory diagnostics Laboratory diagnostics of infectious and invasive diseases</p>	<p>veterinary business Forensic veterinary examination and autopsy of animals Mathematics Veterinary deontology Medicinal and poisonous plants Fundamentals of intellectual work Personality psychology and professional self-determination Clinical laboratory diagnostics Laboratory diagnostics of infectious and invasive diseases</p>
GPC -3	<p>The ability to carry out and improve professional activities in accordance with regulatory legal acts in the field of agro-industrial complex</p>	<p>Jurisprudence Life safety Breeding with the basics of private animal husbandry Veterinary Pharmacology Toxicology Parasitology and invasive diseases Epizootology and infectious diseases Organization of veterinary business General and veterinary ecology Veterinary sanitation Technology of processing livestock products Veterinary deontology Economics and organization of agricultural production Laboratory diagnostics of infectious and invasive diseases</p>	<p>Veterinary and industrial laboratories with the basics of design Career Management Fundamentals of social and legal knowledge</p>

GPC -5	The ability to carry out therapeutic, including physiotherapy procedures using special equipment in compliance with safety rules	<p>Veterinary genetics  Computer science  Breeding with the basics of private animal husbandry  Clinical diagnosis  Pathological anatomy  Operative surgery with topographic anatomy  Instrumental diagnostic methods  Obstetrics, gynecology and andrology  Internal non-infectious diseases  Parasitology and invasive diseases  Epizootology and infectious diseases  Veterinary and sanitary examination  Organization of veterinary business  Forensic veterinary examination and autopsy of animals  Veterinary deontology  Economics and organization of agricultural production  Clinical laboratory diagnostics  Laboratory diagnostics of infectious and invasive diseases</p>	<p>Veterinary and industrial laboratories with the basics of design  Anesthesiology, intensive care and intensive care  Dermatology  Cardiology  Endocrinology  Nephrology</p>
GPC -6	The ability to analyze, identify and assess the risk of the risk of the occurrence and spread of diseases	<p>Biology with the basics of ecology  Life safety  Veterinary microbiology and mycology  Virology and biotechnology  Animal health and welfare  Feeding animals with the basics of feed production</p>	<p>Diseases of horses  Diseases of productive animals  Diseases of small pets  Diseases of small pets  Bee diseases and entomophages  Fish pathology and aquaculture  Diseases of exotic animals</p>

		<p>         Veterinary          Radiobiology          Clinical diagnosis          Pathological anatomy          Instrumental diagnostic methods          Toxicology          Obstetrics, gynecology and andrology          Internal non-infectious diseases          General surgery          Private Veterinary surgery          Parasitology and invasive diseases          Epizootology and infectious diseases          Veterinary and sanitary examination          Organization of veterinary business          Forensic veterinary examination and autopsy of animals          Introduction to the specialty          General and veterinary ecology          Veterinary sanitation          Technology of processing livestock products          Medicinal and poisonous plants          Forage plants          Animal Health          Clinical laboratory diagnostics          Laboratory diagnostics of infectious and invasive diseases       </p>	<p>         Anesthesiology, intensive care and intensive care          Veterinary          Ophthalmology          Animal Dentistry       </p>
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PC -22	Ability to organize measures to protect the organization from the introduction of infectious and invasive diseases in accordance with the plan of antiepidemiologic measures	Life safety Veterinary microbiology and mycology Virology and biotechnology Animal health and welfare Veterinary Pharmacology Private Veterinary surgery Parasitology and invasive diseases Epizootology and infectious diseases Organization of veterinary business General and veterinary ecology Veterinary sanitation Technology of processing livestock products Animal Health Laboratory diagnostics of infectious and invasive diseases	Bee diseases and entomophages Fish pathology and aquaculture
PC -23	Ability to analyze the effectiveness of measures for the prevention of animal diseases in order to improve them	Breeding with the basics of private animal husbandry Animal health and welfare Toxicology Internal non-infectious diseases General surgery Private Veterinary surgery Parasitology and invasive diseases Epizootology and infectious diseases Veterinary and sanitary examination Organization of veterinary business Forensic veterinary	Bee diseases and entomophages Fish pathology and aquaculture

		examination and autopsy of animals Fundamentals of Economics and Management Veterinary sanitation Economics and organization of agricultural production Animal Health	
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#### 4. COURSE WORKLOAD AND TRAINING ACTIVITIES

Course workload of the discipline "**Organization of state veterinary supervision**" is 2 credits.

*Table 4.1. Types of academic activities during the period of the HE program mastering for **full-time** study*

Types of academic activities		HOURS	Semesters			
			9	-	-	-
Contact academic hours		36	36	-	-	-
including						
Lectures		-	-	-	-	-
Lab work		36	36	-	-	-
Seminars (workshops/tutorials)		-	-	-	-	-
Self-study		28	28	-	-	-
Evaluation and assessment (exam/pass/fail grading)		8	8	-	-	-
<b>Course workload</b>	Academic hour	<b>72</b>	<b>72</b>	-	-	-
	Credit unit	<b>2</b>	<b>2</b>	-	-	-

*Table 4.2. Types of academic activities during the period of the HE program mastering for **part-time** study*

Types of academic activities		HOURS	Semesters			
			9	-	-	-
Contact academic hours		18	18	-	-	-
including						
Lectures		-	-	-	-	-
Lab work		18	18	-	-	-
Seminars (workshops/tutorials)		-	-	-	-	-
Self-study		48	48	-	-	-
Evaluation and assessment (exam/pass/fail grading)		6	6	-	-	-

<b>Course workload</b>	Academic hour	<b>72</b>	<b>72</b>	-	-	-
	Credit unit	<b>2</b>	<b>2</b>	-	-	-

## 5. CONTENT OF THE DISCIPLINE

*Table 5.1 Content of the discipline (module) by type of academic work*

<b>Name of the discipline section</b>	<b>Content of the section (topics)</b>	<b>Types of academic activities</b>
Section 1. Legislative bases of regulation of state veterinary control/supervision	Topic 1.1. State veterinary control at the modern level	Lab work.
	Topic 1.2. Mandatory measures in the field of veterinary medicine	Lab work.
Section 2. State veterinary control/supervision at facilities related to the production and sale of controlled goods	Topic 2.1 State veterinary control at facilities for breeding and rearing farm animals (cattle, sheep, pigs, horses)	Lab work.
	Topic 2.2 State veterinary control at poultry breeding and rearing facilities	Lab work.
	Topic 2.3. State veterinary control at fur-bearing animals/rabbits breeding facilities	Lab work.
	Topic 2.4. State veterinary control at the facilities for the slaughter of animals and processing of slaughter products	Lab work.
	Topic 2.5. State veterinary control at facilities for the maintenance of honey bees and the production of bee products	Lab work.
	Topic 2.6. State veterinary control at artificially created fish breeding facilities	Lab work.
	Topic 2.7. State veterinary control over the circulation of feed in the territory of the Russian Federation	Lab work.
	Topic 2.8. State veterinary control on transport	Lab work.
Section 3. State supervision in the field of production and circulation of medicines for veterinary use	Topic 3.1. State supervision of the production of medicines for veterinary use	Lab work.
	Topic 3.2. Handling and quality control of biological preparations for veterinary use on the territory of the CU	Lab work.

	Topic 3.3. State registration of products for veterinary use in the territory of the Russian Federation	Lab work.
	Topic 3.4. Certification of medicines for veterinary use in the territory of the Russian Federation.	Lab work.
	Topic 3.5. Organization and procedure of storage of narcotic drugs, psychotropic substances and their precursors, potent and poisonous substances for veterinary use.	Lab work.
	Topic 3.6. Organization and implementation of state supervision in terms of entities engaged in the trade of medicines for veterinary use.	Lab work.
Section 4. State veterinary supervision at animal welfare facilities (zoos, circuses).	Topic 4.1. Organization and procedure of state veterinary supervision at animal welfare facilities (zoos, circuses).	Lab work.

## 6. CLASSROOM INFRASTRUCTURE AND TECHNOLOGY SUPPORT REQUIREMENTS

*Table 6.1. Material and technical support of the discipline*

<i>Classroom for Academic Activity Type</i>	<i>Equipping the classroom</i>	<b>Specialized educational/laboratory equipment, software and materials for the development of the discipline (if necessary)</b>
Laboratory	An auditorium for laboratory work, individual consultations, routine monitoring and interim certification, equipped with a set of specialized furniture and equipment.	-
Self-studies	An auditorium for independent work of students (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with access to an electronic information and educational environment.	-

## 7. RECOMMENDED SOURCES FOR COURSE STUDIES

### *Main reading:*

1. Nikitin, I. N. Organization of state veterinary supervision : textbook for universities / I. N. Nikitin, A. I. Nikitin. — 3rd ed., erased. — Saint Petersburg : Lan, 2022. — 460 p. — ISBN 978-5-8114-9093-6. — Text : electronic // Lan : electronic library system. — URL: <https://e.lanbook.com/book/184157>
2. Nikitin, I. N. National and international veterinary legislation : textbook / I. N. Nikitin, A. I. Nikitin. — Saint Petersburg : Lan, 2022. — 376 p. — ISBN 978-5-8114-2316-3. — Text : electronic // Lan : electronic library system. — URL: <https://e.lanbook.com/book/209723>

### *Additional Reading:*

1. Nikitin, I. N. Organization of veterinary business : textbook / I. N. Nikitin. — 4th ed., reprint. and add. — Saint Petersburg : Lan, 2022. — 288 p. — ISBN 978-5-8114-1228-0. — Text : electronic // Lan : electronic library system. — URL: <https://e.lanbook.com/book/211196>
2. Nikitin, I. N. Practicum on the organization of veterinary business : textbook / I. N. Nikitin. — 4th ed., ispr. and add. — St. Petersburg : Lan, 2020. — 324 p. — ISBN 978-5-8114-4057-3. — Text : electronic // Lan : electronic library system. — URL: <https://e.lanbook.com/book/131031>
3. The procedure for accounting and identification of animals on the territory of the Russian Federation: an educational and methodological manual / Yu.A. Vatnikov, M.I. Shopinskaya, S.G. Drukovsky, E.V. Kulikov. - Electronic text data. - Moscow : RUDN, 2021. - 32p. — URL: [http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=494762&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=494762&idb=0)
4. Circulation and quality control of medicines for veterinary use in the territory of the Russian Federation: an educational and methodological manual / Yu.A. Vatnikov, M.I. Shopinskaya, S.G. Drukovsky, E.V. Kulikov. - Electronic text data. - Moscow : RUDN, 2021. - 37 p. : ill. - ISBN 978-5-209-10530-0. — URL: [http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=494768&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=494768&idb=0)
5. 5. Vatnikov Yu.A. Shopinskaya M.I. Registration of electronic accompanying documents in the subsystem of the state veterinary examination (Mercury.GVE)// RUDN.- 2022.- 101 p.
6. Vatnikov Yu.A. Shopinskaya M.I. Organization of work and procedure for registration of electronic accompanying documents (EDS) in the subsystem of an economic entity (Mercury.HS)// RUDN.- 2022.- 87 p.

### *Resources of the Internet information and telecommunication network:*

1. Electronic library system of RUDN and third-party Electronic library systems to which university students have access on the basis of concluded contracts:
  - Electronic library system of RUDN - ELS RUDN <http://lib.rudn.ru/MegaPro/Web>
  - ELS "University Library online"<http://www.biblioclub.ru>
  - ELS Yurayt <http://www.biblio-online.ru>
  - ELS "Student Consultant"[www.studentlibrary.ru](http://www.studentlibrary.ru)

- ELS "Lan"<http://eZlanbook.com/>
- ELS "Trinity Bridge"<http://www.trmost.com/>
- 2. Databases and search engines:
  - electronic fund of legal and regulatory and technical documentation <http://docs.cntd.ru/>
  - search engine Yandex <https://www.yandex.ru/>
  - search engine Google <https://www.google.ru/>
  - abstract database SCOPUS <http://www.elsevierscience.ru/products/scopus/>

Educational and methodological materials for independent work of students during the development of the discipline/ module\*:

1. A course of lectures on the discipline "**Organization of state veterinary supervision**".
2. Laboratory workshop on the discipline "**Organization of state veterinary supervision**".

\* - All educational and methodological materials for independent work of students are placed in accordance with the current procedure on the discipline page in the **Telecommunication educational and Information System!**

## 8. MID-TERM ASSESSMENT

Evaluation materials and a point-rating system\* for assessing the level of competence formation (part of competencies) based on the results of mastering the discipline "**Organization of state veterinary supervision**" are presented in the Appendix to this Work Program of the discipline.

\* - Assessment Materials and a Point Rating System are formed based on the requirements of the relevant local regulatory act of the RUDN.

### DEVELOPER:

Associate Professor of the Department of Veterinary  
Medicine

Position, Basic curriculum

Signature

Shopinskaya M.I.

Full name.

### HEAD OF THE DEPARTMENT:

Department of Veterinary Medicine

Name Basic Curriculum

Signature

Vatnikov Yu.A.

Full name.

### HEAD OF THE HIGHER EDUCATION PROGRAM:

Director of the Department of Veterinary Medicine

Position, Basic curriculum

Signature

Vatnikov Yu.A.

Full name