

Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Ястребов Олег Александрович
Должность: Ректор
Дата подписания: 05.06.2023 09:16:35
Уникальный программный ключ:
ca953a0120d891083f939673078ef1a989dae18a

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

WORKING COURSE SYLLABUS

Animal health

Recommended by the Methodological Council for the Education Field:

36.03.01 Veterinary and sanitary examination

The development of the discipline is carried out within the framework of the implementation of the main professional educational program of higher education (EP HE):

Veterinary and sanitary examination

1. GOALS AND OBJECTIVES OF THE DISCIPLINE

The aim of mastering the discipline "**Animal health**" is the development by students of theoretical and practical knowledge of general prevention and therapy, therapeutic techniques, etiology, pathogenesis, symptomatology, diagnosis, treatment and prevention of specific diseases of a non-infectious nature.

2. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE

The development of the discipline "**Animal health**" 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)

Code	Competence	Indicators of competence accomplishment (within the discipline)
GPC-2	The ability to carry out professional activities, taking into account the impact on the body of animals of natural, socio-economic, genetic and economic factors.	GPC-2.1 Has knowledge of the influence of natural, socio-economic, genetic and economic factors on the animal organism
		GPC-2.2 Able to establish the presence and reliability of causal relationships between the impact of individual etiological factors on the animal's body and the development of diseases
		GPC-2.3 Takes into account the possibility of exposure to adverse environmental factors that can cause deterioration in the quality of raw materials and products of animal and vegetable origin during the veterinary and sanitary examination
GPC-4	The ability to substantiate and implement modern technologies in professional activities using the instrumental base and use the basic natural, biological and professional concepts and methods in solving general professional problems	GPC-4.1 Owns the conceptual and methodological apparatus of the basic natural sciences at a level sufficient for full-fledged professional activity at the modern level
		GPC-4.2 Owns a professional conceptual and methodological base for solving a wide range of general professional tasks
		GPC-4.3 Owns methods for solving problems using modern technologies and instrumentation

3. COURSE IN HIGHER EDUCATION

The discipline "**Animal health**" 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 "**Animal health**".

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

Competence code	Competence	Previous Disciplines (Modules)	Subsequent Disciplines (Modules)
GPC-2	The ability to carry out professional activities, taking into account the impact on the body of animals of natural, socio-economic, genetic and economic factors	Biology	Fundamentals of Physiology
GPC-4	The ability to substantiate and implement modern technologies in professional activities using the instrumental base and use the basic natural, biological and professional concepts and methods in solving general professional problems	Applied Animal Anatomy Organic chemistry Inorganic and Analytical Chemistry biological physics Physical and colloidal chemistry Biology Cytology, histology and embryology Maths Fundamentals of Economics and Management General and veterinary ecology	Virology, biotechnology Veterinary microbiology and mycology Fundamentals of Physiology pathological anatomy pathological physiology infectious diseases Parasitic diseases Surgical diseases Animal products processing technology Toxicology with Fundamentals of Pharmacology Non-communicable diseases Veterinary and sanitary

		<p>Educational practice</p>	<p>examination</p> <p>Veterinary and sanitary control of plant products</p> <p>Industrial veterinary and sanitary control</p> <p>zoohygiene</p> <p>Sanitary microbiology</p> <p>Educational practice</p> <p>Organization of laboratory activities</p> <p>Judicial veterinary and sanitary examination</p> <p>Pathological anatomy / term paper</p> <p>Clinical diagnostics</p> <p>clinical diagnosis</p> <p>Veterinary sanitation</p> <p>General professional practice</p> <p>Practice for quality control of livestock products</p> <p>Academic research practice with the preparation of a scientific qualification project</p> <p>Preparation for passing and passing the state exam</p>
--	--	-----------------------------	---

4. COURSE WORKLOAD AND TRAINING ACTIVITIES

Course workload of the discipline "**Animal health**" is 3 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				
			3	-	-	-	
Contact academic hours		54	54	-	-	-	
Including							
Lectures		18	18	-	-	-	
Lab work		36	36	-	-	-	
Seminars (workshops/tutorials)		-	-	-	-	-	
Self-study		44	44	-	-	-	
Evaluation and assessment (exam/pass/fail grading)		10	10	-	-	-	
Course workload		Academic hour	108	108	-	-	-
		Credit unit	3	3	-	-	-

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				
			3	-	-	-	
Contact academic hours		18	18	-	-	-	
Including							
Lectures		-	-	-	-	-	
Lab work		18	18	-	-	-	
Seminars (workshops/tutorials)		-	-	-	-	-	
Self-study		80	80	-	-	-	
Evaluation and assessment (exam/pass/fail grading)		10	10	-	-	-	
Course workload		Academic hour	108	108	-	-	-
		Credit unit	3	3	-	-	-

Table 4.3. Types of educational work by periods of development of EP HE for **CORRESPONDENCE** forms of education

Types of academic activities		HOURS	Semesters			
			5	-	-	-
Contact academic hours		2	2	-	-	-
Including						
Lectures		-	-	-	-	-
Lab work		2	2	-	-	-
Seminars (workshops/tutorials)		-	-	-	-	-
Self-study		103	103	-	-	-

Evaluation and assessment (exam/pass/fail grading)		3	3	-	-	-
Course workload	Academic hour	108	108	-	-	-
	Credit unit	3	3	-	-	-

5. CONTENT OF THE DISCIPLINE

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

Name of the discipline section	Content of the section (topics)	Types of academic activities
Section 1. General therapy and prevention	Topic 1.1. Theoretical and organizational foundations of therapy and prevention.	LC, LR
	Topic 1.2. Means and methods of therapy, therapeutic technique.	LC, LR
	Topic 1.3. Physiotherapy.	LC, LR
	Topic 1.4. Clinical examination.	LC, LR
Section 2. Private therapy	Topic 2.1. Diseases of the central nervous system	LC, LR
	Topic 2.2. Diseases of AIM.	LC, LR
	Topic 2.3. Diseases of the blood.	LC, LR
	Topic 2.4. Poisoning	LC, LR
	Topic 2.5. Diseases of young animals.	LC, LR
	Topic 2.6. Diseases of birds.	LR
	Topic 2.7. Diseases of fur animals	LR

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>	Specialized educational/laboratory equipment, software and materials for the development of the discipline (if necessary)
Lecture	An auditorium for lecture-type classes, equipped with a set of specialized furniture; board (screen) and technical means	
Laboratory	An auditorium for laboratory work, individual consultations, current control and intermediate certification, equipped with a set of specialized furniture and equipment.	
For independent work of students	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 EIOS.	

7. RECOMMENDED SOURCES FOR COURSE STUDIES

Main reading:

1. Volkov G.K. Animal hygiene : textbook / G.K. Volkov, I.R. Smirnova. - Electronic text data. - St. Petersburg : Quadro, 2020. - 504 p. - http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=487546&idb=0
2. Workshop on animal hygiene : textbook / A.F. Kuznetsov, V.G. Tyurin, V.G. Semenov [et al.]; under the general editorship of A.F. Kuznetsov. - 2nd ed., reprint. and additional ; Electronic text data. - St. Petersburg : Quadro, 2020. - 384 p. - http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=487551&idb=0

Additional Reading:

1. Chikalev A.I., Yuldashbayev Yu.A. ZOOHYENA. - M.: GEOTAR-Media, 2012. - 240 p.
2. V.A. Medvedsky Animal hygiene: textbook for students of specialty: "Veterinary medicine" of agricultural universities. - Minsk: Technoprospektiva, 2009. - 617 p.
3. Normative and zoohygenic requirements in animal husbandry: a practical guide / V.A. Medvedsky, D.G. Gotovsky et al. – Vitebsk UO VGAVM, 2010. – 343 p.
4. Kuznetsov A.F., Nikitin G.S. Modern technologies and hygiene of poultry keeping – M.: Lan, 2012 – 352 p. <https://e.lanbook.com/book/3737>
5. Hygiene of farm animals [Text] : In 2 hours: Methodological recommendations for laboratory and practical classes. Part 1 : Methods of monitoring the microclimate of livestock premises / M.S. Naydensky [et al.]; M.S.Naydensky et al. - 2nd ed., supplement and revision - M. : MGAVMiB named after K.I.Scriabin, 2001. – 110 p .

6. Hygiene of farm animals [Text]: In 2 hours: Methodological recommendations for laboratory and practical classes. Part 2 : Zoohygenic control of soil, water and feed / M.S. Naidensky [et al.]; M.S.Naidensky et al. - M.: MGAVMiB named after K.I.Scriabin, 2002. - 119 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
- 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 "**Animal health**".
2. Laboratory workshop on the discipline "**Animal health**".

* - 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 "**Animal health**" 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

Bolshakova M.V.

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:

Associate Professor of the Department of Veterinary
Medicine

Position, Basic curriculum

Signature

Krotova E.A.

Full name