

Документ подписан простой электронной подписью  
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**Federal State Autonomous Educational Institution of Higher Education  
Peoples' Friendship University of Russia named after Patrice Lumumba  
RUDN University**

**Agrarian and Technological Institute**

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educational division (faculty/institute/academy) as higher education programme developer

**COURSE SYLLABUS**

**Veterinary Sanitation**

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course title

**Recommended by the Didactic Council for the Education Field of:**

**36.05.01 Veterinary**

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field of studies / speciality code and title

**The course instruction is implemented within the professional education programme  
of higher education:**

**Veterinary**

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higher education programme profile/specialisation title

## 1. COURSE GOAL(s)

The goal of the course «**Veterinary Sanitation**» is to acquire theoretical knowledge and practical skills that ensure the identification of the causes and conditions of environmental problems of veterinary surveillance facilities in relation to mass diseases of various nature, justification, organization and implementation of preventive and health measures aimed at their prevention and elimination.

## 2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) «**Veterinary Sanitation**» is aimed at the development of the following competences /competences in part:

*Table 2.1. List of competences that students acquire through the course study*

Competence code	Competence descriptor	Competence formation indicators (within this course)
PC-11	Ability to develop annual anti-epizootic, preventive and veterinary-sanitary plans.	PC-11.2. Develops annual anti-epizootic and preventive programs.
		PC-11.3. Develops vaccination plans considering epizootic conditions.

## 3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course refers to the core/variable/elective\* component of (B1) block of the higher educational programme curriculum.

Within the higher education programme students also master other (modules) and / or internships that contribute to the achievement of the expected learning outcomes as results of the course study.

*Table 3.1. The list of the higher education programme components/disciplines that contribute to the achievement of the expected learning outcomes as the course study results*

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
PC-11	Ability to develop annual anti-epizootic, preventive and veterinary-sanitary plans.	Epidemiology and Infectious Diseases	Clinical Industrial Practice Clinical Internship Industrial Research Practice

## 4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course is 3 credits (108 academic hours).

*Table 4.1. Types of academic activities during the periods of higher education programme mastering (full-time training)*

Type of academic activities	Total academic hours	Semesters/training modules			
		7	-	-	-

Type of academic activities	Total academic hours	Semesters/training modules			
		7	-	-	-
<i>Contact academic hours</i>	51	51	-	-	-
including:					
Lectures (LC)	17	17	-	-	-
Lab work (LW)	34	34	-	-	-
Seminars (workshops/tutorials) (S)	-	-	-	-	-
<i>Self-studies</i>	37	37	-	-	-
<i>Evaluation and assessment (exam/passing/failing grade)</i>	20	20	-	-	-
<b>Course workload</b>	academic hours	<b>108</b>	<b>108</b>	-	-
	credits	<b>3</b>	<b>3</b>	-	-

## 5. COURSE CONTENTS

*Table 5.1. Course contents and academic activities types*

Course module title	Course module contents (topics)	Academic activities types
Module 1. General and scientific foundations of veterinary sanitation.	Topic 1.1 Introduction to veterinary sanitation. Material and technical support.	Lectures, Lab work.
	Topic 1.2 Logistics.	Lectures, Lab work.
	Topic 1.3 General technology and mechanization of veterinary and sanitary measures.	Lectures, Lab work.
Module 2. Private and applied veterinary sanitation.	Topic 2.1 Disinfection. Disinsection. Deratization.	Lectures, Lab work.
	Topic 2.2 Veterinary sanitation of soil, air, water sources.	Lectures, Lab work.
	Topic 2.3 Decontamination and utilization of manure, animal waste.	Lectures, Lab work.

## 6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

*Table 6.1. Classroom equipment and technology support requirements*

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
Lecture	A lecture hall for lecture-type classes, equipped with a set of specialised furniture; board (screen) and technical means of multimedia presentations.	
Lab work	A classroom for laboratory work, individual consultations, current and mid-term	

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
	assessment; equipped with a set of specialised furniture and machinery.	
Self-studies	A classroom for independent work of students (can be used for seminars and consultations), equipped with a set of specialised furniture and computers with access to the electronic information and educational environment.	

## 7. RESOURCES RECOMMENDED FOR COURSE STUDY

### *Main readings:*

1. Seregin Ivan Georgievich. Veterinary and sanitary examination of feed: a textbook / I.G. Seregin, M.F. Borovkov, E.A. Karelina. - Electronic text data. - St. Petersburg : Quadro, 2020. - 456 p.  
[http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=487543&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=487543&idb=0)
2. Veterinary sanitation : a textbook / A.A. Sidorchuk, V.L. Krupalnik, N.I. Popov [et al.]. - 2nd ed., erased. - St. Petersburg : Publishing House "Lan", 2018. - 368 p.  
[http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=466526&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=466526&idb=0)

### *Additional readings:*

1. Kuznetsov A.F., Rodin V. I., Svetlichkin V.V., Yaremchuk V.P. Workshop on veterinary sanitation, zoo hygiene and bioecology. - 1st ed. - St. Petersburg: Lan, 2013. - 512 p.
2. Volkov V.A. Theoretical foundations of environmental protection. - 1st ed. - St. Petersburg: Lan, 2015. - 256 p.
3. Tsyganova S.V. Disinfection, disinsection, deratization at poultry farms of industrial type. - Moscow: Aquarium-Print, 2012. - 274 p.

### *Internet sources*

1. Electronic libraries (EL) of RUDN University and other institutions, to which university students have access on the basis of concluded agreements:

- RUDN Electronic Library System (RUDN ELS) <http://lib.rudn.ru/MegaPro/Web>
- EL "University Library Online" <http://www.biblioclub.ru>
- EL "Yurayt" <http://www.biblio-online.ru>
- EL "Student Consultant" [www.studentlibrary.ru](http://www.studentlibrary.ru)
- EL "Lan" <http://e.lanbook.com/>
- EL "Trinity Bridge"

2. Databases and search engines:

- electronic foundation of legal and normative-technical documentation <http://docs.cntd.ru/>
- Yandex search engine [https:// www .yandex.ru/](https://www.yandex.ru/)
- Google search engine <https://www.google.ru/>
- Scopus abstract database <http://www.elsevierscience.ru/products/scopus/>

*Training toolkit for self- studies to master the course \*:*

1. The set of lectures on the course «**Veterinary Sanitation**».
2. The laboratory workshop (if any) on the course «**Veterinary Sanitation**».

\* The training toolkit for self- studies to master the course is placed on the course page in the university telecommunication training and information system under the set procedure.

**DEVELOPERS:**

Associate Professor of the Department of Veterinary  
Medicine

Position, Basic curriculum

Signature

Petrov A.K.

Full name.

**HEAD OF EDUCATIONAL DEPARTMENT:**

Department of Veterinary Medicine

Name Basic Curriculum

Signature

Vatnikov Yu.A.

Full name.

**HEAD OF**

**HIGHER EDUCATION PROGRAMME:**

Director of the Department of Veterinary Medicine

Position, Basic curriculum

Signature

Vatnikov Yu.A.

Full name