

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

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

COURSE SYLLABUS

Veterinary Assistant Skills

course title

Recommended by the Didactic Council for the Education Field of:

36.05.01 Veterinary

field of studies / speciality code and title

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

Veterinary

higher education programme profile/specialisation title

1. COURSE GOAL(s)

The goal of the course «**Veterinary Assistant Skills**» is to develop in students the practical skills and professional competencies necessary to effectively assist the veterinarian in conducting diagnostics, treatment, and prevention of animal diseases, as well as to provide primary animal care and perform basic clinical procedures.

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) «**Veterinary Assistant Skills**» 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)
GPC-1	Ability to determine the biological status and normative clinical indicators of organs and systems of the animal organism.	GPC-1.3. Is able to determine the main indicators of the functioning of individual body systems and draw conclusions about deviations from normative values;
		GPC-1.4. Possesses skills in sampling biological fluids and tissues for research, conducting laboratory tests and interpreting research results.
PC-5	Ability and readiness to plan and perform necessary instrumental diagnostic procedures.	PC-5.3. Performs instrumental diagnostics of animal diseases.
PC-9	Ability to apply surgical methods in the prevention, diagnosis and treatment of animal diseases.	PC-9.2. Plans preoperative preparation, surgical procedure and postoperative management.
		PC-9.3. Performs basic preventive, diagnostic and therapeutic surgical procedures independently.

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*
GPC-1	Ability to determine the biological status and normative clinical indicators of organs and systems of the animal organism.	Clinical Diagnostics Laboratory Diagnostics with Elements of Artificial Intelligence Technology	Educational Practice Clinical Industrial Practice

PC-5	Ability and readiness to plan and perform necessary instrumental diagnostic procedures.		Dermatology Cardiology Endocrinology Oncology Neurology Nephrology Reconstructive Surgery Veterinary Ophthalmology Animal Dentistry Clinical Internship Industrial Research Practice
PC-9	Ability to apply surgical methods in the prevention, diagnosis and treatment of animal diseases.		Clinical Industrial Practice Clinical Internship Industrial Research Practice

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course is 2 credits (72 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			
		9	-	-	-
<i>Contact academic hours</i>	34	34	-	-	-
including:					
Lectures (LC)	-	-	-	-	-
Lab work (LW)	-	-	-	-	-
Seminars (workshops/tutorials) (S)	34	34	-	-	-
<i>Self-studies</i>	29	29	-	-	-
<i>Evaluation and assessment (exam/passing/failing grade)</i>	9	9	-	-	-
Course workload	academic hours	72	72	-	-
	credits	2	2	-	-

5. COURSE CONTENTS

Table 5.1. Course contents and academic activities types

Course module title	Course module contents (topics)	Academic activities types
Module 1. Introduction to the Veterinary Assistant Profession	Topic 1.1 The Role and Responsibilities of a Veterinary Assistant in Clinical Practice	Seminars
	Topic 1.2 Ethics and Deontology in Veterinary Medicine	Seminars
	Topic 1.3 Interaction with Animal Owners and the Veterinary Team	Seminars

Module 2. Basics of Animal Hygiene and Care	Topic 2.1 Animal Housing and Feeding in Inpatient Settings	Seminars
	Topic 2.2 Hygienic Procedures and Sanitary Treatment of Animals	Seminars
	Topic 2.3 Monitoring Animal Condition: Behavioral and Physiological Signs	Seminars
Module 3. Assisting in Diagnostics and Therapy	Topic 3.1 Preparing Animals for Examination, Diagnostics, and Surgery	Seminars
	Topic 3.2 Methods of Restraining Animals of Different Species	Seminars
	Topic 3.3 Collection and Initial Processing of Biological Samples (Blood, Urine, Feces, Scrapings, etc.)	Seminars
	Topic 3.4 Assisting in Injections and Infusions	Seminars
	Topic 3.5 Wound Treatment, Bandaging, and Participation in Surgical Procedures	Seminars

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)
Seminar	A classroom for conducting seminars, group and individual consultations, current and mid-term assessment; equipped with a set of specialised furniture and technical means for multimedia presentations.	
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. Kovalyov S.P. *Clinical Diagnostics of Internal Diseases in Animals*. — St. Petersburg: Lan, 2020. — 608 p. ISBN: 978-5-8114-3202-7
2. Chistyakov V.A., Kaminsky V.V. *Practicum on General and Special Surgery of Animals*. — St. Petersburg: Lan, 2022. — 384 p. ISBN: 978-5-8114-6869-9

Additional readings:

1. Zhukov V.M. *Ethics and Psychology of the Veterinary Doctor: A Textbook for Universities*. — 3rd ed., revised. — St. Petersburg: Lan, 2022. — 124 p. ISBN: 978-5-8114-7249-9
2. Nikitin I.N., Trofimova E.N., Klyuchnikova A.I. *Communication in Veterinary Medicine: A Textbook*. — St. Petersburg: Lan, 2018. — 152 p. ISBN: 978-5-8114-3085-7

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
- 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/>
- 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 Assistant Skills»
2. The laboratory workshop (if any) on the course «Veterinary Assistant Skills»

* 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.

DEVELOPER:

Associate Professor of the Department of Veterinary
Medicine

Position, Basic curriculum

Signature

Krotova E.A.

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