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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**

**Introduction to Specialty**

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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 «**Introduction to Specialty**» is to formation of fundamental and professional knowledge about the history of the formation of the specialty, the study of physiological processes and functions in the body of mammals and birds, about their anatomy, qualitative originality in the body of productive farm animals, domestic, laboratory and exotic animals, necessary for a veterinarian to scientifically substantiate measures related to the creation of the aim is to ensure optimal conditions for keeping, feeding and exploiting animals, preventing diseases, assessing health, the nature and degree of violations of the activity of organs and the body, determining ways and means of influencing the body in order to correct the activity of organs.

## 2. REQUIREMENTS FOR LEARNING OUTCOMES

1) Mastering the course (module) «**Introduction to Specialty**» 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)
GC-2	Ability to manage a project at all stages of its life cycle.	GC-2.1. Formulates a problem whose solution is directly related to achieving the project goal
		GC-2.2. Determines the relationships between tasks and the expected results of their solution
		GC-2.3. Identifies available resources, constraints and applicable legal regulations within the assigned tasks
GC-3	Ability to organize and lead a team, developing a team strategy to achieve the set goal.	GC-3.1. Determines his/her role in the team based on the cooperation strategy for achieving the goal
		GC-3.2. Identifies and considers behavioral characteristics of groups depending on the set goal
		GC-3.3. Analyzes possible consequences of personal actions and plans actions to achieve the required result
		GC-3.6. Participates in teamwork to accomplish assigned tasks
GC-6	Ability to determine and implement priorities of personal activity and ways of its improvement based on self-assessment and lifelong learning.	GC-6.1. Controls the amount of time spent on specific activities
		GC-6.2. Develops tools and methods of time management for tasks, projects and goals
		GC-6.3. Analyzes personal resources and their limits (personal, situational, time-related, etc.)
		GC-6.4. Finds and uses additional information sources to improve general and professional knowledge
		GC-6.5. Analyzes opportunities and tools of lifelong learning in accordance with personal interests and labour market requirements
		GC-6.6. Defines self-development objectives and professional growth priorities

		GC-6.7. Distributes tasks into long-, medium- and short-term
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### 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*
GC-2	Ability to manage a project at all stages of its life cycle.	-	Educational Practice
GC-3	Ability to organize and lead a team, developing a team strategy to achieve the set goal.	Political science	Educational Practice
GC-6	Ability to determine and implement priorities of personal activity and ways of its improvement based on self-assessment and lifelong learning.	-	Disciplines of the Interdisciplinary Module Educational Practice

### 4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course is «**Introduction to Specialty**» 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			
		2	-	-	-
<i>Contact academic hours</i>	17	17	-	-	-
including:					
Lectures (LC)	-	-	-	-	-
Lab work (LW)	-	-	-	-	-
Seminars (workshops/tutorials) (S)	17	17	-	-	-
<i>Self-studies</i>	46	46	-	-	-
<i>Evaluation and assessment (exam/passing/failing grade)</i>	9	9	-	-	-
<b>Course workload</b>	academic	72	72	-	-

Type of academic activities		Total academic hours	Semesters/training modules			
			2	-	-	-
	hours					
	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. History of veterinary medicine in the world	Topic 1.1. The origin of veterinary medicine.	Seminar classes
	Topic 1.2. Veterinary medicine in the ancient world.	Seminar classes
	Topic 1.3. Veterinary medicine in the Middle Ages and Renaissance (V-XV11 centuries).	Seminar classes
	Topic 1.4. Veterinary medicine in the Arab world.	Seminar classes
	Topic 1.5. Veterinary medicine of the X11 – XX centuries.	Seminar classes
	Topic 1.6. Veterinary communities.	Seminar classes
Module 2. History of veterinary medicine in Russia.	Topic 2.1. Veterinary medicine of Russia before the XVIII century.	Seminar classes
	Topic 2.2. Veterinary medicine of noble Russia (XVIII century).	Seminar classes
	Topic 2.3. Measures aimed at preventing mass animal diseases.	Seminar classes
	Topic 2.4. Formation of the scientific basis of veterinary sanitation.	Seminar classes
	Topic 2.5. Pharmacy and popularization of knowledge of the basics of veterinary medicine.	Seminar classes
	Topic 2.6. Veterinary medicine of the period of the formation of pre-capitalist relations in Russia (1800 - 1860).	Seminar classes
	Topic 2.7. Veterinary medicine of the period of the formation of capitalism in Russia (from the 60s of the XIX century to 1917).	Seminar classes
	Topic 2.8. Veterinary medicine in the years of Soviet power.	Seminar classes
	Topic 2.9. Veterinary institutions.	Seminar classes
	Topic 2.10. Veterinary medicine during the Great Patriotic War.	Seminar classes
Topic 2.11. Veterinary medicine in the post-war years.	Seminar classes	
Module 3. Outstanding Leaders of the Profession and Their Contribution to Industry Development	Topic 3.1. Russian "Pioneers" of the Profession and Industry (names, honors, major achievements, and legacy) — ISW (Independent Study Work)	Seminar classes
	Topic 3.2. Modern Russian Leaders of the Profession and Industry (names, honors, major achievements)	Seminar classes
	Topic 3.3. Meeting of Students with an Outstanding Russian Leader from the Industry	Seminar classes

Topic 3.4. Current State, Major Challenges, and Development Trends of the Industry in Russia and Worldwide	Seminar classes
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## 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. Slesarenko N. A., Borkhunova E. N., Borunova S. M., Kuznetsov S. V., Abramov P. N., Shirokova E. O. Methodology of scientific research 2021.-268 p. <https://e.lanbook.com/book/156383>
2. Dyulger G.P., Tabakov G.P. Fundamentals of veterinary medicine – M.: Publishing House "Lan", 2018. – 476 p. <https://e.lanbook.com/book/103136>

### *Additional Readings:*

3. Khusainov D.M. Fundamentals of veterinary medicine – Almaty: Agrouniversitet, 2012. – 253 p.

### *Additional readings:*

1. Domnitskiy I.Yu., Salautin V.V., Terentyev A.A. History of veterinary medicine. – Saratov: Saratov State Agrarian University, 2016. – 28 p.
2. Donchenko A.S., Ostashko T.N., Samolovova T.N. Essays on the history of veterinary medicine in Siberia: 1917 – 1927, Novosibirsk, 2006, p.431
3. Mineeva T.I. History of veterinary medicine. – 1st ed. – St. Petersburg: Lan, 2005. – 384 p.
4. Mishanin M.Yu., Mishanin Yu.F. Fundamentals of veterinary medicine. – M.: Phoenix, 2007. – 665 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/>
- 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 «**Introduction to Specialty**».
2. The laboratory workshop (if any) on the course «**Introduction to Specialty**».

\* 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:**

Senior Lecturer of the Department of Veterinary  
Medicine

Position, Basic curriculum

Signature

Troshina N. I.

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