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ФИО: Ястребов Олег Александрович  
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**Federal State Autonomous Educational Institution of Higher Education  
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA  
RUDN University**

**Agrarian and Technological Institute**

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

**COURSE SYLLABUS**

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**Introduction to the specialty**

course title

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**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. GOALS AND OBJECTIVES OF THE COURSE

The aim of mastering the course "**Introduction to the specialty**" is the 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

The implementation of the course "**Introduction to the specialty**" 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 course (results of the development of the course)*

Competence code	Competence descriptor	Indicators of competence accomplishment (within the course)
GC-2	Able 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 Defines the connections between the set tasks and the expected results of their solution.
		GC-2.3 Within the set tasks, identifies available resources, constraints, and applicable legal norms.
GC-3	Able to organize and lead a team, developing a team strategy to achieve the set goal	GC-3.1 Defines one's role in the team based on the cooperation strategy for achieving the set goal.
		GC-3.2 Formulates and considers in one's activities the behavioral features of groups formed depending on the set goal.
		GC-3.3 Analyzes possible consequences of personal actions and plans one's actions to achieve the desired result.
		GC-3.6 Participates in team work to fulfill assignments.
GC-6	Able to set and implement priorities in one's activities and ways to improve it through self-assessment and lifelong learning.	GC-6.1 Monitors the amount of time spent on specific activities.
		GC-6.2 Develops tools and methods of time management for carrying out specific tasks, projects, and goals.
		GC-6.3 Analyzes personal resources and

		their limits (personal, situational, time-related, etc.) for successful task completion.
		GC-6.4 Finds and uses sources of additional information to improve the level of general and professional knowledge.
		GC-6.5 Analyzes the main opportunities and tools for continuous education relevant to personal interests and needs, considering conditions, resources, personal capabilities, stages of career growth, future development prospects, and labor market requirements.
		GC-6.6 Defines tasks for self-development, goals, and priorities for professional growth.
		GC-6.7 Distributes tasks into long-, medium-, and short-term categories.

### 3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course "**Introduction to the specialty**" refers to the mandatory part of block B1 of the Educational Program of Higher Education.

As part of the Educational Program of Higher Education, students also master other courses and /or practices that contribute to achieving the planned results of mastering the course "**Introduction to the specialty**".

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

Competence code	Competence descriptor	Previous courses/modules, internships*	Subsequent courses/modules, internships*
GC-2	Able to manage a project at all stages of its life cycle.		Base component / Базовая компонента  Educational Practice / Учебная практика  Preparation for Passing and Passing the State Exam / Подготовка к сдаче и сдача государственного экзамена

			<p>Preparing and Passing the State Exam / Подготовка и сдача государственного экзамена</p> <p>Design, Preparation for Defense Procedure and Defense of the Graduation Thesis / Оформление, подготовка к процедуре защиты и защита выпускной квалификационной работы</p>
GC-3	Able to organize and lead a team, developing a team strategy to achieve the set goal		<p>Political science / Политология</p> <p>Base component / Базовая компонента</p> <p>Educational Practice / Учебная практика</p> <p>Preparation for Passing and Passing the State Exam / Подготовка к сдаче и сдача государственного экзамена</p> <p>Preparing and Passing the State Exam / Подготовка и сдача государственного экзамена</p> <p>Design, Preparation for Defense Procedure and Defense of the Graduation Thesis / Оформление, подготовка к процедуре защиты и защита выпускной квалификационной работы</p>

GC-6	Able to set and implement priorities in one's activities and ways to improve it through self-assessment and lifelong learning.		<p>Disciplines of the Interdisciplinary Module / Дисциплины междисциплинарного модуля</p> <p>Base component / Базовая компонента</p> <p>Educational Practice / Учебная практика</p> <p>Preparation for Passing and Passing the State Exam / Подготовка к сдаче и сдача государственного экзамена</p> <p>Preparing and Passing the State Exam / Подготовка и сдача государственного экзамена</p> <p>Design, Preparation for Defense Procedure and Defense of the Graduation Thesis / Оформление, подготовка к процедуре защиты и защита выпускной квалификационной работы</p>
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#### 4. COURSE WORKLOAD AND TRAINING ACTIVITIES

Course workload of the course "**Introduction to the specialty**" 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			
		2	-	-	-
Contact academic hours	17	17	-	-	-
including					
Lectures	-	-	-	-	-
Lab work	-	-	-	-	-
Seminars (workshops/tutorials)	17	17	-	-	-

Self-study		46	46	-	-	-
Evaluation and assessment (exam/pass/fail grading)		9	9	-	-	-
<b>Course workload</b>	Academic hour	<b>72</b>	<b>72</b>	-	-	-
	Credit unit	<b>2</b>	<b>2</b>	-	-	-

## 5. COURSE CONTENTS

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

<b>Modules</b>	<b>Content of the modules (topics)</b>	<b>Types of academic activities</b>
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 ( <i>Independent Study Work</i> )	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

## 6. COURSE EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Table 6.1. Material and technical support of the course

<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 course (if necessary)</b>
Seminary	An auditorium for conducting seminar-type classes, group and individual consultations, ongoing monitoring and interim certification, equipped with a set of specialized furniture and multimedia presentation 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. RESOURCES RECOMMENDED FOR COURSE STUDIES

*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.
4. Domnitskiy I.Yu., Salautin V.V., Terentyev A.A. History of veterinary medicine. – Saratov: Saratov State Agrarian University, 2016. – 28 p.
5. Donchenko A.S., Ostashko T.N., Samolovova T.N. Essays on the history of veterinary medicine in Siberia: 1917 – 1927, Novosibirsk, 2006, p.431
6. Mineeva T.I. History of veterinary medicine. – 1st ed. – St. Petersburg: Lan, 2005. – 384 p.
7. 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/](https://www.yandex.ru/)
- Google search engine <https://www.google.ru/>
- Scopus abstract database <http://www.elsevierscience.ru/products/scopus/>

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

1. A course of lectures on the course "**Introduction to the specialty**".
2. Seminars workshop on the course "**Introduction to the specialty**".

\* - The training toolkit and guidelines for the internship are placed on the internship page in the university telecommunication training and information system under the set procedure.

## **8. ASSESSMENT TOOLKIT AND GRADING SYSTEM\* FOR EVALUATION OF STUDENTS' COMPETENCES LEVEL AS COURSE RESULTS**

The assessment toolkit and the grading system\* to evaluate the level of competences (competences in part) formation as the course results are specified in the Appendix to the course syllabus.

\* The assessment toolkit and the grading system are formed on the basis of the requirements of the relevant local normative act of RUDN University (regulations / order).



**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