

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**

**Zoopsychology**

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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 «**Zoopsychology**» is to study the biological foundations and patterns of animal behavior, including both innate (instinctive) and behavioral elements acquired in the learning process. Formation of practical skills to assess the functional state of the animal body.

## 2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) «**Zoopsychology**» 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-14	Readiness to promote veterinary knowledge, including prevention of animal diseases.	PC-14.1. Analyzes problems affecting animal health and welfare and defines educational goals

## 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-14	Readiness to promote veterinary knowledge, including prevention 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			
		5	-	-	-
<i>Contact academic hours</i>	34	34	-	-	-
including:					
Lectures (LC)	-	-	-	-	-

Type of academic activities		Total academic hours	Semesters/training modules			
			5	-	-	-
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	-	-	-
<b>Course workload</b>	academic hours	<b>72</b>	<b>72</b>	-	-	-
	credits	<b>2</b>	<b>2</b>	-	-	-

## 5. COURSE CONTENTS

Table 5.1. Course contents and academic activities types

Course module title	Course module contents (topics)	Academic activities types
Modules 1. Introduction to Zoopsychology.	Topic 1.1. Course is a system of knowledge about the laws of functioning of the psyche of animals.	Seminars
Modules 2. General characteristics of the learning process.	Topic 2.1. Characteristics of mental reflection at the lowest level of the elementary sensory psyche.	Seminars
	Topic 2.2. Locomotor activity and spatial orientation in protozoa.	Seminars
	Topic 2.3. The problem of behavior plasticity.	Seminars
	Topic 2.4. The phenomenon of addiction.	Seminars
	Topic 2.5. Mental reflection at the highest level of the elementary sensory psyche.	Seminars
	Topic 2.6. The emergence of the nervous system.	Seminars
	Topic 2.7. Locomotor activity of lower invertebrates.	Seminars
	Topic 2.8. The rudiments of higher forms of behavior.	Seminars
Modules 3. Levels of development of the psyche.	Topic 3.1. Characteristics of the psyche of animals at the lowest and highest levels of the perceptual psyche.	Seminars
	Topic 3.2. Motor and sensory abilities of higher invertebrates.	Seminars
	Topic 3.3. Plasticity of behavior of higher vertebrates as a result of development of complex skills.	Seminars
Modules 4. Animal communication.	Topic 4.1. Biological interaction as the basis for the origin of communication in the process of evolution.	Seminars
	Topic 4.2. Types of communication in animals.	Seminars
	Topic 4.3. Demonstrative behavior and ritualization.	Seminars
	Topic 4.4. The origin of intention movements and their role.	Seminars
	Topic 4.5. "Autochthonous" and "allochthonous" movements.	Seminars

Modules 5. Juvenile period of development of the psyche.	Topic 5.1. Congenital and acquired in individual development of behavior.	Seminars
	Topic 5.2. Biological conditioning of ontogenesis of animal behavior.	Seminars
	Topic 5.3. "Embryonic learning" and maturation.	Seminars
	Topic 5.4. Development of motor activity and sensory abilities.	Seminars
	Topic 5.5. Prenatal development of the elements of communication.	Seminars
	Topic 5.6. Types and characteristics of psychosomatic disorders in animals.	Seminars
Modules 6. Psychosomatic disorders in animals.	Topic 6. Peculiarities of psychology characteristic of individual animal species.	Seminars
Modules 7. Private zoopsychology.	Topic 7. Peculiarities of psychology characteristic of individual animal species.	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. Kiselev S.Y. Introduction to Zoopsychology: textbook 2020.-160s <https://lib.rudn.ru/MegaPro/Polyantsev> N. I. Workshop on obstetrics, gynecology and biotechnology of animal reproduction : textbook / N. I. Polyantsev. - SPb. Lan', 2022. - 272 c. <https://e.lanbook.com/book/71726>
2. Pershina L. A. General psychology: Textbook for students of higher educational institutions 2020.-448s <https://e.lanbook.com/book/132668>

### *Additional readings:*

1. Reznikova Zh. I. Zoopsychology. Intellect and language of animals and humans [Text] : Textbook for universities: In 2 parts. Part 2 / J.I. Reznikova. - 2nd ed. amended and supplemented - M. : Yurite, 2017. - 233 c.

2. Reznikova J. I. I. Zoopsychology. Intellect and language of animals and humans [Text] : Textbook for universities: In 2 h. Ч. 1 / J.I. Reznikova. - 2nd ed. amended and supplemented - M. : Yurite, 2017. - 252 c.
3. Karnozov V.L. Zoopsychology [Text]: Textbook of psychology: For medical students of specialties "Medical Business", "Dentistry", "Pharmacy" / V.L. Karnozov, T.Yu. Lineva. - Moscow: RUDN Publishing House, 2013. - 27 c.
4. Filippova G.G. Zoopsychology and comparative psychology [Text]: Textbook for university students / G.G. Filippova. - 2nd ed. stereotyped. - M.: Academia, 2006. - 544 c.
5. Skopichev V.G. Animal behavior - Saint-Petersburg: Lan' Publisher, 2009. - 624c.
6. Kiselev S.Y. Introduction to zoopsychology: educational-methodical manual 2020.-160s.
7. Zorina Z.A., Poletaeva I.I. Zoopsychology. Elementary thinking of animals. - Moscow: Aspect Press, 2010. - 320 c.

#### *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 «**Zoopsychology**».
2. The laboratory workshop (if any) on the course «**Zoopsychology**».

\* 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

Sotnikova E.D.

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