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**Federal State Autonomous Educational Institution of Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
RUDN University**

Agrarian and Technological Institute

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

COURSE SYLLABUS

Zoopsychology

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:

36.05.01 Veterinary

higher education programme profile/specialisation title

1. GOALS AND OBJECTIVES OF THE COURSE

The aim of the mastering 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

The implementation of the course "**Zoopsychology**" 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 discipline)

Competence code	Competence descriptor	Indicators of competence accomplishment (within the discipline)
PC-14	Willingness to promote veterinary knowledge, including animal disease prevention.	PC-14.1 Able to analyze problems that lead to violations of animal health and welfare, based on this set goals in the field of veterinary knowledge promotion, plan strategies and tactics for upcoming activities

3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course "**Zoopsychology**" belongs to the part formed by the participants of educational relations of the block B1 of the Educational Program of Higher Education.

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

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

Competence code	Competence descriptor	Previous courses/modules, internships*	Subsequent courses/modules, internships*
PC-14	Willingness to promote veterinary knowledge, including animal disease prevention.	Pathological anatomy	Clinical internship Industrial practice Academic research practice with the preparation of a scientific qualification project

			Preparation for and passing the state exam
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4. COURSE WORKLOAD AND TRAINING ACTIVITIES

Course workload of the course "Zoopsychology" is 3 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			
			5	-	-	-
Contact academic hours		34	34	-	-	-
including						
Lectures		-	-	-	-	-
Lab work		-	-	-	-	-
Seminars (workshops/tutorials)		34	34	-	-	-
Self-study		58	58	-	-	-
Evaluation and assessment (exam/pass/fail grading)		16	16	-	-	-
Course workload		Academic hour	108	108	-	-
		Credit unit	3	3	-	-

5. COURSE CONTENTS

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

Modules	Content of the modules (topics)	Types of academic activities
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	Topic 7. Peculiarities of psychology	Seminars

zoopsychology.	characteristic of individual animal species.	
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6. COURSE EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Table 6.1. Material and technical support of the discipline

<i>Classroom for Academic Activity Type</i>	<i>Equipping the classroom</i>	Specialized educational/laboratory equipment, software and materials for the development of the course (if necessary)
Lecture	An auditorium for conducting lecture-type classes, equipped with a set of specialized furniture; a board (screen) and technical means of multimedia presentations.	-
Laboratory	An auditorium for laboratory work, individual consultations, routine monitoring and interim certification, equipped with a set of specialized furniture and 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. 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
- 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 discipline/ module*:

1. A course of lectures on the course "**Zoopsychology**".
2. Laboratory workshop on the course "**Zoopsychology**".

* - 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).

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.

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