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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**

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. 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<br>(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<br>Industrial practice<br>Academic research practice with the preparation of a scientific |

|  |  |  |   |
|--|--|--|---|
|  |  |  | qualification project<br>Preparation for and<br>passing the state<br>exam |
|--|--|--|---|

#### 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 | <b>108</b> | <b>108</b> | - | - | - |
|  |  | Credit unit   | <b>3</b>   | <b>3</b>   | - | - | - |

#### 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                     |

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|--|--|----------|
|  | 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                       | Topic 6. Peculiarities of psychology characteristic of individual animal                                       | Seminars |

|                                   |  |   |          |
|-----------------------------------|--|---|----------|
| in animals.                       |  | species.  |          |
| Modules 7. Private zoopsychology. |  | Topic 7. Peculiarities of psychology characteristic of individual animal species. | Seminars |

## 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>  | <b>Specialized educational/laboratory equipment, software and materials for the development of the course (if necessary)</b> |
|---|---|--|
| 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](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 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.

\_\_\_\_\_  
Full name