

Документ подписан простой электронной подписью
Информация о владельце:
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Должность: Ректор
Дата подписания: 27.05.2026 16:12:57
Уникальный программный ключ:
ca953a0120d891083f939673078ef1a989dae18a

**Federal State Autonomous Educational Institution of Higher Education
Peoples' Friendship University of Russia named after Patrice Lumumba
RUDN University**

Agrarian and Technological Institute

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

COURSE SYLLABUS

Forensic Veterinary Examination and Necropsy

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:**

Veterinary

higher education programme profile/specialisation title

1. COURSE GOAL(s)

The goal of the course «**Forensic Veterinary Examination and Necropsy**» is to form students' knowledge and skills to solve social issues arising in legal, investigative and judicial legal practice based on knowledge about the structure and logic of the pathoanatomic diagnosis.

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) «**Forensic Veterinary Examination and Necropsy**» 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-13 | Ability to conduct post-mortem diagnostic examination of animals. | PC-13.3. Establishes the cause of death and pathological diagnosis |
| | | PC-13.4. Documents necropsy results in a post-mortem examination report |

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-13 | Ability to conduct post-mortem diagnostic examination of animals. | General Surgery | 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 | | | |
|-----------------------------|----------------------|----------------------------|---|---|---|
| | | 9 | - | - | - |
| Contact academic hours | 34 | 34 | - | - | - |
| including: | | | | | |
| Lectures (LC) | - | - | - | - | - |

| Type of academic activities | | Total academic hours | Semesters/training modules | | | |
|---|----------------|----------------------|----------------------------|---|---|---|
| | | | 9 | - | - | - |
| Lab work (LW) | | 34 | 34 | - | - | - |
| Seminars (workshops/tutorials) (S) | | - | - | - | - | - |
| <i>Self-studies</i> | | 29 | 29 | - | - | - |
| <i>Evaluation and assessment (exam/passing/failing grade)</i> | | 9 | 9 | - | - | - |
| Course workload | academic hours | 72 | 72 | - | - | - |
| | 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. General principles of forensic veterinary medicine. | Topic 1.1. Subject of forensic veterinary medicine. | Lab work. |
| | Topic 1.2. The history of the development of forensic veterinary medicine. | Lab work. |
| | Topic 1.3. Scientific and methodological, procedural and organizational bases of forensic veterinary medicine. | Lab work. |
| | Topic 1.4. Forensic veterinary examination in civil cases. | Lab work. |
| | Topic 1.5. The Law of the Russian Federation "On Veterinary Medicine" and its role in the implementation of veterinary measures and forensic veterinary examination. | Lab work. |
| Module 2. Private forensic veterinary medicine. | Topic 2.1. The modern doctrine of death – thanatology. | Lab work. |
| | Topic 2.2. Forensic veterinary examination of an animal corpse. | Lab work. |
| | Topic 2.3. Examination of an animal corpse in case of sudden death. | Lab work. |
| | Topic 2.4. Examination of injuries and death of an animal from asphyxia. | Lab work. |
| | Topic 2.5. Examination of damage and death of an animal by drowning. | Lab work. |
| | Topic 2.6. Examination of an exhumed corpse or individual organs. | Lab work. |
| | Topic 2.7. Forensic veterinary toxicology. | Lab work. |
| | Topic 2.8. Forensic veterinary traumatology. Examination of damage of mechanical origin. | Lab work. |
| | Topic 2.9. Examination of damages caused by the action of extreme temperatures and electricity. | Lab work. |
| | Topic 2.10. Examination of animals in infectious and invasive pathology. | Lab work. |
| | Topic 2.11. Examination of the materials of the court case. | Lab work. |

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) |
|-----------------------------|--|---|
| Lab work | A classroom for laboratory work, individual consultations, current and mid-term assessment; equipped with a set of specialised furniture and machinery. | |
| 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. Kunakov A. A. Forensic veterinary and sanitary examination / Kunakov A. A., Seregin I. G., Talanov G. A., Zabashta A. G. – St. Petersburg : Quadro, 2020. – 400 p.
2. Kravtsov A.P., Lushchai Yu.S., Tkachenko L.V. Forensic veterinary examination: textbook 2018.-72 p. <https://e.lanbook.com/book/104873>

Additional readings:

1. Vakhrusheva E.I. Private (special) pathological anatomy: textbook. – Krasnoyarsk State Agrarian University 2013 – 168 p . <https://e.lanbook.com/book/90782?category=43775>
2. Kudryashov, A.A. Forensic veterinary examination / A.A. Kudryashov, V.L. Balabanova. — Saint Petersburg : SPbGAVM, 2015. — 51 p. — Text : electronic // Electronic library system "Lan" : [website]. — URL: <https://e.lanbook.com/book/121321>
3. Latypov, D.G. Fundamentals of forensic veterinary examination : textbook / D.G. Latypov, I.N. Zalyalov. — 2nd ed., reprint. — Saint Petersburg : Lan, 2015. — 576 p. — ISBN 978-5-8114-1795-7. — Text : electronic // Electronic library system "Lan" : [website]. — URL: <https://e.lanbook.com/book/56169>
4. Kravtsov, A.P. Forensic veterinary examination : textbook / A.P. Kravtsov, Yu.S. Lushchai, L.V. Tkachenko. — Saint Petersburg : Lan, 2018. — 72 p. — ISBN 978-5-8114-3084-0. — Text : electronic // Electronic library system "Lan" : [website]. — URL: <https://e.lanbook.com/book/104873>
5. Latypov D.G., Zalyalov I.N., Autopsy and pathological diagnosis of animal diseases. – M.: Lan 2015 – 384 p. <https://e.lanbook.com/book/65956>
6. Pathological physiology and pathological anatomy of animals [Electronic resource] : Textbook / A.V. Zharov [et al.]; Edited by A.V. Zharov. - 2nd ed., reprint. and additional ; Electronic text data. - St. Petersburg : Lan, 2014. - 416 p. : ill. (+ pasting, 16 p.). - (Textbooks for universities. Special literature) . - ISBN 978-5-8114-1534-2 : 1100.00. http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=452266&idb=0

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/>
- Google search engine <https://www.google.ru/>
- Scopus abstract database <http://www.elsevier.com/locate/scopus/>

Training toolkit for self- studies to master the course *:

1. The set of lectures on the course «**Forensic Veterinary Examination and Necropsy**»

2. The laboratory workshop (if any) on the course «**Forensic Veterinary Examination and Necropsy**»

* 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:

Associate Professor of the Department of Veterinary
Medicine

Position, Basic curriculum

Kulikov E.V.

Signature

Full name.

HEAD OF EDUCATIONAL DEPARTMENT:

Department of Veterinary Medicine

Name Basic Curriculum

Vatnikov Yu.A.

Signature

Full name.

HEAD OF

HIGHER EDUCATION PROGRAMME:

Director of the Department of Veterinary Medicine

Position, Basic curriculum

Vatnikov Yu.A.

Signature

Full name