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Информация о владельце:
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Должность: Ректор
Дата подписания: 19.05.2023 14:13:46
Уникальный программный ключ:
ca953a0120d891083f939673078ef1a989dae18a

**Federal State Autonomous Educational Institution of Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
NAMED AFTER PATRICE LUMUMBA**

Agrarian and Technological Institute

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

COURSE SYLLABUS

Animal health

course title

Recommended by the Didactic Council for the Education Field of:

36.03.01 Veterinary and sanitary examination

field of studies / speciality code and title

**The course instruction is implemented within the professional education programme
of higher education:**

Veterinary and sanitary examination

higher education programme profile/specialisation title

1. GOALS AND OBJECTIVES OF THE DISCIPLINE

The aim of mastering the discipline "**Animal health**" is the development by students of theoretical and practical knowledge of general prevention and therapy, therapeutic techniques, etiology, pathogenesis, symptomatology, diagnosis, treatment and prevention of specific diseases of a non-infectious nature.

2. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE

The development of the discipline "**Animal health**" 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 discipline (results of the development of the discipline)

| Code | Competence | Indicators of competence accomplishment (within the discipline) |
|-------|---|--|
| GPC-2 | He is able to carry out professional activities taking into account the influence of natural, socio-economic, genetic and economic factors on the animal body | GPC-2.1 Has knowledge about the influence of natural, socio-economic, genetic and economic factors on the animal organism. |

3. COURSE IN HIGHER EDUCATION

The discipline "**Animal health**" 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 discipline "**Animal health**".

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

| Competence code | Competence | Previous Disciplines (Modules) | Subsequent Disciplines (Modules) |
|-----------------|---|---|--|
| GPC-2 | He is able to carry out professional activities taking into account the influence of natural, socio-economic, genetic and economic factors on the animal body | Биология Основы физиологии Токсикология с основами фармакологии Общая и ветеринарная экология | Разведение животных Учебная практика Ветеринарно-санитарная практика Технологическая практика Академическая научно-исследовательская |

| | | | |
|--|--|---|---|
| | | Технология кормления продуктивных животных Зооигиена | практика с подготовкой научного квалификационного проекта Подготовка к сдаче и сдача государственного экзамена |
|--|--|---|---|

4. COURSE WORKLOAD AND TRAINING ACTIVITIES

Course workload of the discipline "**Animal health**" 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 | | | | |
|--|--|---------------|------------|------------|---|---|---|
| | | | 3 | - | - | - | |
| Contact academic hours | | 34 | 34 | - | - | - | |
| Including | | | | | | | |
| Lectures | | 17 | 17 | - | - | - | |
| Lab work | | 17 | 17 | - | - | - | |
| Seminars (workshops/tutorials) | | - | - | - | - | - | |
| Self-study | | 60 | 60 | - | - | - | |
| Evaluation and assessment (exam/pass/fail grading) | | 14 | 14 | - | - | - | |
| Course workload | | Academic hour | 108 | 108 | - | - | - |
| | | Credit unit | 3 | 3 | - | - | - |

*Table 4.2. Types of academic activities during the period of the HE program mastering for **part-time** study*

| Types of academic activities | | HOURS | Semesters | | | | |
|--|--|---------------|------------|------------|---|---|---|
| | | | 3 | - | - | - | |
| Contact academic hours | | 18 | 18 | - | - | - | |
| Including | | | | | | | |
| Lectures | | - | - | - | - | - | |
| Lab work | | 18 | 18 | - | - | - | |
| Seminars (workshops/tutorials) | | - | - | - | - | - | |
| Self-study | | 80 | 80 | - | - | - | |
| Evaluation and assessment (exam/pass/fail grading) | | 10 | 10 | - | - | - | |
| Course workload | | Academic hour | 108 | 108 | - | - | - |
| | | Credit unit | 3 | 3 | - | - | - |

Table 4.3. Types of educational work by periods of development of EP HE for CORRESPONDENCE forms of education

| Types of academic activities | | HOURS | Semesters | | | | |
|--|--|---------------|-----------|-----|---|---|---|
| | | | 5 | - | - | - | |
| Contact academic hours | | 5 | 5 | - | - | - | |
| Including | | | | | | | |
| Lectures | | - | - | - | - | - | |
| Lab work | | 5 | 5 | - | - | - | |
| Seminars (workshops/tutorials) | | - | - | - | - | - | |
| Self-study | | 100 | 100 | - | - | - | |
| Evaluation and assessment (exam/pass/fail grading) | | 3 | 3 | - | - | - | |
| Course workload | | Academic hour | 108 | 108 | - | - | - |
| | | Credit unit | 3 | 3 | - | - | - |

5. CONTENT OF THE DISCIPLINE

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

| Name of the discipline section | Content of the section (topics) | Types of academic activities |
|---|--|------------------------------|
| Section 1. General therapy and prevention | Topic 1.1. Theoretical and organizational foundations of therapy and prevention. | LC, LR |
| | Topic 1.2. Means and methods of therapy, therapeutic technique. | LC, LR |
| | Topic 1.3. Physiotherapy. | LC, LR |
| | Topic 1.4. Clinical examination. | LC, LR |
| Section 2. Private therapy | Topic 2.1. Diseases of the central nervous system | LC, LR |
| | Topic 2.2. Diseases of AIM. | LC, LR |
| | Topic 2.3. Diseases of the blood. | LC, LR |
| | Topic 2.4. Poisoning | LC, LR |
| | Topic 2.5. Diseases of young animals. | LC, LR |
| | Topic 2.6. Diseases of birds. | LR |
| | Topic 2.7. Diseases of fur animals | LR |

6. CLASSROOM INFRASTRUCTURE AND TECHNOLOGY SUPPORT REQUIREMENTS

Table 6.1. Material and technical support of the discipline

| Classroom for Academic Activity Type | Equipping the classroom | Specialized educational/laboratory equipment, software and materials for the development of the discipline (if necessary) |
|---|--|--|
| Lecture | An auditorium for lecture-type classes, equipped with a set of specialized furniture; board (screen) and technical means | - |
| Laboratory | An auditorium for laboratory work, individual consultations, current control and intermediate certification, equipped with a set of specialized furniture and equipment. | - |
| For independent work of students | 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 EIOS. | - |

7. RECOMMENDED SOURCES FOR COURSE STUDIES

Main reading:

1. Volkov G.K. Animal hygiene : textbook / G.K. Volkov, I.R. Smirnova. - Electronic text data. - St. Petersburg : Quadro, 2020. - 504 p. - http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=487546&idb=0
2. Workshop on animal hygiene : textbook / A.F. Kuznetsov, V.G. Tyurin, V.G. Semenov [et al.]; under the general editorship of A.F. Kuznetsov. - 2nd ed., reprint. and additional ; Electronic text data. - St. Petersburg : Quadro, 2020. - 384 p. - http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=487551&idb=0

Additional Reading:

1. Chikalev A.I., Yuldashbayev Yu.A. ZOOHYENA. - M.: GEOTAR-Media, 2012. - 240 p.
2. V.A. Medvedsky Animal hygiene: textbook for students of specialty: "Veterinary medicine" of agricultural universities. - Minsk: Technoprospektiva, 2009. - 617 p.
3. Normative and zoohygenic requirements in animal husbandry: a practical guide / V.A. Medvedsky, D.G. Gotovsky et al. – Vitebsk UO VGAVM, 2010. – 343 p.
4. Kuznetsov A.F., Nikitin G.S. Modern technologies and hygiene of poultry keeping – M.: Lan, 2012 – 352 p. <https://e.lanbook.com/book/3737>
5. Hygiene of farm animals [Text] : In 2 hours: Methodological recommendations for laboratory and practical classes. Part 1 : Methods of monitoring the microclimate of livestock premises / M.S. Naydensky [et al.]; M.S.Naydensky et al. - 2nd ed., supplement and revision - M. : MGAVMiB named after K.I.Scriabin, 2001. – 110 p .
6. Hygiene of farm animals [Text]: In 2 hours: Methodological recommendations for laboratory and practical classes. Part 2 : Zoohygenic control of soil, water and feed / M.S.

Naidensky [et al.]; M.S.Naidensky et al. - M.: MGAVMiB named after K.I.Scriabin, 2002. - 119 p.

Resources of the Internet information and telecommunication network:

1. Electronic library system of RUDN and third-party Electronic library systems to which university students have access on the basis of concluded contracts:

- Electronic library system of RUDN - ELS RUDN <http://lib.rudn.ru/MegaPro/Web>
- ELS "University Library online" <http://www.biblioclub.ru>
- ELS Yurayt <http://www.biblio-online.ru>
- ELS "Student Consultant" www.studentlibrary.ru
- ELS "Lan" <http://eZlanbook.com/>
- ELS "Trinity Bridge" <http://www.trmost.com/>

2. Databases and search engines:

- electronic fund of legal and regulatory and technical documentation <http://docs.cntd.ru/>
- search engine Yandex <https://www.yandex.ru/>
- search engine Google <https://www.google.ru/>
- abstract database SCOPUS <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 discipline "**Animal health**".
2. Laboratory workshop on the discipline "**Animal health**".

* - All educational and methodological materials for independent work of students are placed in accordance with the current procedure on the discipline page in the **Telecommunication educational and Information System!**

8. MID-TERM ASSESSMENT

Evaluation materials and a point-rating system* for assessing the level of competence formation (part of competencies) based on the results of mastering the discipline "**Animal health**" are presented in the Appendix to this Work Program of the discipline.

* - Assessment Materials and a Point Rating System are formed based on the requirements of the relevant local regulatory act of the RUDN.

DEVELOPER:

Associate Professor of the Department of Veterinary
Medicine

Position, Basic curriculum

Signature

Bolshakova M.V.

Full name.

HEAD OF THE DEPARTMENT:

Department of Veterinary Medicine

Name Basic Curriculum

Signature

Vatnikov Yu.A.

Full name.

HEAD OF THE HIGHER EDUCATION PROGRAM:

Associate Professor of the Department of Veterinary
Medicine

Position, Basic curriculum

Signature

Krotova E.A.

Full name