

Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Ястребов Олег Александрович
Должность: Ректор
Дата подписания: 19.05.2023 16:33:38
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

FINAL STATE EXAMINATION SYLLABUS

Recommended by the Didactic Council for the Education Field of:

36.05.01. Veterinary

field of studies / speciality code and title

The final state examination is implemented within the professional education program of higher education:

36.05.01. Veterinary

higher education programme profile/specialisation title

1. FINAL STATE EXAMINATION GOAL AND TASKS

The goal of the final state examination within the framework of the implementation of the Higher Education Program “36.05.01 Veterinary” is to check the conformity of the students’ training outcomes as the programme results with the relevant requirements of the Federal State Educational Standard of the Higher Education or the RUDN University Educational Standards.

The tasks of the final state examination include the following:

- To check the quality of education of the acquired humanitarian knowledge, natural science laws and phenomena, the need for professional activity;
- To determine of the level of theoretical and practical readiness of a graduate to perform professional tasks in accordance with the existing qualifications;
- To establish the degree of a person's desire for self-development, improving their qualifications and skills;
- To check the formation of a graduate's sustainable motivation for professional activity in accordance with the types of tasks of professional activity provided for by the Federal State Educational Standard of the Higher Education or the ES of the RUDN University;
- To assess of the level of graduates' abilities to find organizational and managerial solutions in non-standard manifestations and bear responsibility for them;
- To ensure a high degree of education and scientific and technical activities, increasing the efficiency of using scientific and technological achievements, expanding the scientific sphere and stimulating innovation;
- To ensure the quality of training of specialists in accordance with the requirements of the Federal State Educational Standard of the Higher Education or the ES of the RUDN University.

2. REQUIREMENTS FOR HIGHER EDUCATION PROGRAMME COMPLETION AND LEARNING OUTCOMES

A student who does not have failed tests or exams and who has fully completed the curriculum or the individual curriculum of the higher education programme is allowed to the final state examination.

On the higher education programme completion the graduate is expected to master the following **generic competences (GC)**:

Code and descriptor of the generic competences
GC-1. The ability to search, critical analysis and synthesis of information, apply a systematic approach to solve the tasks.
GC-2. The ability to determine the range of tasks within the set goal and choose the best ways to solve them, based on current legal regulations, available resources and restrictions.
GC-3. Ability to socialize and fulfill your role in a team
GC-4. The ability to communicate in interpersonal and intercultural interaction in Russian as a foreign and foreign language(s) based on the possession of interrelated and interdependent types of reproductive and productive foreign language speech activities, such as listening, speaking, reading, writing and translating in everyday life, sociocultural, educational and professional, official business and scientific spheres of communication.

GC-5. The ability to perceive the intercultural diversity of society in the socio-historical, ethical and philosophical contexts.
GC-6. The ability to manage your time, build and implement a trajectory of self-development based on the principles of lifelong education.
GC-7. The ability to maintain the proper level of physical fitness to ensure full-fledged social and professional activities.
GC-8. The ability to create and maintain safe living conditions in everyday life and in professional activities to preserve the natural environment, ensure the sustainable development of society, including in the event of a threat and the occurrence of emergencies and military conflicts.
GC-9. Ability to use basic defectological knowledge in social and professional areas.
GC-10. The ability to make informed economic decisions in various areas of life.
GC-11. The ability to form an intolerant attitude towards corrupt behavior.
GC-12. The ability to search for the necessary sources of information and data, perceive, analyze, memorize and transmit information using digital means, as well as using algorithms when working with data obtained from various sources in order to effectively use the information received to solve problems;

- general professional competencies (GPC):

Code and descriptor of the general professional competences
GPC-1 The ability to determine the biological status and normative clinical indicators of organs and systems of the animal body.
GPC-2 The ability to interpret and evaluate in professional activities the impact on the physiological state of the animal organism of natural, socio-economic, genetic and economic factors.
GPC-3 The ability to carry out and improve professional activities in accordance with regulatory legal acts in the field of the agro-industrial complex.
GPC-4 The ability to use in professional activities methods of solving problems using modern equipment in the development of new technologies and to use modern professional methodology for conducting experimental studies and interpreting their results.
GPC-5 The ability to draw up special documentation, analyze the results of professional activities and submit reporting documents using specialized databases.
GPC-6 The ability to analyze, identify and carry out a risk assessment of the risk of the emergence and spread of diseases.
GPC-7 The ability to understand the principles of modern information technology and use them to solve problems of professional activity.

- professional competencies (PC):

Code and descriptor of the professional competences
PC-1. The ability to collect an anamnesis of the life and health of an animal for further diagnosis and planning of therapeutic and preventive measures.
PC-2. The ability to conduct a complete primary clinical examination of the animal to establish a preliminary clinical diagnosis (diagnoses) and repeated examinations to monitor the patient's condition.
PC-3. The ability to plan measures for the differential diagnosis of diseases in a patient.
PC-4. The ability to carry out the necessary laboratory diagnostics as part of preventive or diagnostic measures.
PC-5. Ability and willingness to plan and conduct the necessary types of instrumental diagnostics of the patient's condition
PC-6. The ability, based on data from clinical, laboratory and instrumental diagnostics, as well as additional diagnostic methods, to make a diagnosis and predict the course and spread of the disease.
PC-7. Ability to choose or develop a treatment plan for the patient based on the diagnosis
PC-8. Coordinates the treatment plan with the owner of the animal and other participants in the treatment process, if necessary, corrects it during the treatment process and coordinates the changes with the owner of the animal.
PC-9. Ability to use methods of operative surgery in the course of prevention, diagnosis and treatment of animal diseases.
PC-10. The ability to analyze and adjust the feeding of animals to improve the effectiveness of the treatment process, prescribe therapeutic diets.
PC-11. Ability to develop an annual plan for anti-epizootic measures, a plan for the prevention of non-communicable animal diseases, a plan for veterinary and sanitary measures, incl. a plan for preventive immunizations (vaccinations) and therapeutic and prophylactic treatments.
PC-12. The ability to organize and conduct medical examinations in animals, both general and specialized.
PC-13. The ability to perform a post-mortem diagnostic study of animals in order to establish pathological processes, diseases, causes of death.
PC-14. Willingness to promote veterinary knowledge, including in the field of animal disease prevention.

3. FINAL STATE EXAMINATION PROCEDURE

The final state examination can be conducted both in in-person format (students and the state examination committee are at RUDN University during the examination), and

through the use of distance learning technologies (DLT) available in the RUDN Electronic Information and Educational Environment.

The procedure for in-person or DLT-facilitated final state examination is regulated by the relevant local normative act of the RUDN University.

The final state examination within the framework of the higher education programme includes:

- state exam
- defence of the graduation qualifying paper (degree thesis).

4. STATE EXAM PROCEDURE

The total workload of the State Exam is 9 credits.

The state exam is held in one or more disciplines and (modules) of the higher education programme, whose mastery bears a decisive importance for graduates' occupational performance.

The state exam is held in two stages:

The first stage includes the assessment of the level of a graduate's theoretical training in the form of **computer testing** through the tools available in the RUDN Electronic Information and Educational Environment (EIEE).

The second stage focuses on the assessment of the graduate's practical preparation for future occupational activities in the form of **solving work-related situational problems (cases)**.

In order to prepare students for taking the state exam, the head of the educational programme (no later than one calendar month before the start of the final state examination) shall familiarise the graduate students with the final state examination syllabus, the comprehensive list of theoretical issues included in the state exam, examples of work-related (occupational) situational tasks (cases) that the students will have to solve in the process of taking the state exam, as well as with the procedure for each stage of the state exam and the grading system for evaluating its results (with assessment materials).

Before the state exam, students are offered consultations on issues and tasks included in the state exam (mandatory pre-exam consultation).

The procedure for conducting the computer testing within the final state examination is as follows:

- 1) Preparation for computer testing takes place in the process of studying clinical disciplines and disciplines of specialization. Questions of computer testing can be included in educational and final tests of clinical disciplines.
- 2) Trial computer testing is carried out at least a week before the state computer testing. In the process of trial testing, students overcome the technical difficulties of the testing process, determine the approximate level of their preparation and receive answers to emerging questions from the teacher responsible for testing and the proctor (in the remote form of testing). Technically, the procedure for trial computer testing completely repeats the procedure for state computer testing.
- 3) Computer testing is carried out in person in a computer class or in the DLT format using the RUDN University Electronic Information and Educational Environment (EIEE). The test part of the interdisciplinary exam includes 100 questions. The questions are worded in such a way that only one correct answer can be given. Multiple answers are not expected in state testing questions. Each correct answer can give 1 point. Thus,

a student can receive up to 100 points. The duration of computer testing is not more than 60 minutes. The student has 1 attempt.

4) Evaluation of test results is carried out automatically by means of the RUDN University Electronic Information and Educational Environment (EIEE). To be admitted to the oral part of the state exam, a student must score at least 51 points.

5) A student who scored less than 51 points for state testing or did not appear for state computer testing without a good reason is considered not certified and is not allowed to the next stages of the State Examination.

6) In the event that a student is absent from the state computer testing for a good reason, he is assigned a date for additional testing within the terms of the FSE.

The procedure for conducting the second stage of the state exam is as follows:

1) Students who scored at least 51 points in the state computer testing are allowed to take the oral part of the state exam. In the future, the test score is not taken into account, with the exception of controversial cases when setting the final mark for the oral answer. According to the decision of the SEC, a high score for computer testing may serve as the basis for setting a higher final grade.

2) At the command of the secretary of the SEC, students enter the auditorium of the FSE in turn.

3) The student chooses an exam ticket and prepares for an answer. The maximum preparation time for an oral response is 40 minutes. A draft with notes made during the preparation process can be used by the student in the process of responding to the members of the SEC. In the future, the draft is submitted to the secretary of the SEC and can be used in the appeal. At the end of the FSE, drafts are destroyed.

4) When answering the questions of the oral part of the state exam and when analyzing a situational task (case), the student must demonstrate the universal, general professional and professional competencies acquired in the learning process.

5) Members of the SEC may ask additional questions that contribute to a more vivid disclosure of the degree of competence of the responding student.

6) In the course of answering the questions of the state exam and presenting a solution to a situational problem, the student assesses the completeness and correctness of the answer, the literacy of the presentation, the breadth of professional horizons, the depth and relevance of knowledge of clinical disciplines and disciplines of specialization.

7) The final assessment of answering questions and solving the problem of the State Interdisciplinary Examination is set on the basis of the number of points scored by the student during the oral answer.

The state exam results evaluation is carried out in accordance with the methodology set forth in the assessment toolkit that is specified in the Appendix to this syllabus.

5. REQUIREMENTS FOR GRADUATION QUALIFYING PAPER (DEGREE THESIS) AND PROCEDURE FOR ITS DEFENCE

The degree thesis is a graduation qualifying paper that the student (several students in a team) prepare to demonstrate his/her/their level of competence and work readiness.

The list of degree theses themes offered to students for further work is approved by the order of the head of the educational division (faculty/institute/academy) that runs the higher education programme, the respective information is delivered to the students by the programme head no later than six months before the date of the final state examination start.

The students are allowed to suggest their own themes for the theses, under the set procedure.

The student who has passed the state exam is admitted to defend the graduation degree thesis.

The defense of the degree thesis is not a mandatory component of the FSE of the Higher Education Program "36.05.01 Veterinary" and is carried out on the initiative of the student on a voluntary basis as an elective after the state exams.

The student (students) is/are allowed to defend his/ her/their thesis only if this fully completed degree paper is signed by the respective graduate (s), the supervisor, the consultant (if any), the heads of the educational department and educational division; the thesis is also subject to the external review procedure (mandatory for master's and specialist's programmes) and the plagiarism check (in the "Anti-plagiarism" system). The review of the graduation qualifying paper supervisor shall be attached as well, with a specific emphasis laid on the graduate's activities in the course of the degree thesis drafting.

No later than 14 days before the date of the thesis defense, a rehearsal of the procedure is held at the presence of the degree thesis supervisor and other academic staff of the educational department, in order to timely identify and eliminate shortcomings in the structure, content and design of the degree thesis.

The degree theses are introduced to the State Examination Board members at the public defense procedure. It includes the students' oral reports with mandatory multimedia (graphic) presentations that introduce the thesis main content.

At the end of the reports, the students reply orally to the State Examination Board members' questions regarding the subject, structure, content of the paper and the profile/specialisation of the higher education programme. The reports and / or answers to the Board members' questions may be delivered in a foreign language.

The stages of the graduation qualifying paper preparation, the requirements for its structure, volume, contents and design, as well as the list of mandatory and recommended documents submitted for defense are specified in the relevant guidelines.

The evaluation of the degree thesis defense results is carried out in accordance with the methodology set forth in the assessment toolkit that is specified in the Appendix to the syllabus.

6. REQUIREMENTS FOR EQUIPMENT AND TECHNOLOGY SUPPORT FOR FINAL STAE EXAMINATION

The infrastructure and technical support necessary for the examination implementation include: classrooms equipped with multimedia facilities with licensed corporate software Microsoft Office 365, if necessary - specialized software for reading x-rays and other special software.

7. RESOURCES RECOMMENDED FOR FINAL STATE EXAMINATION

Main readings to prepare for the state exam and/or degree thesis defence:

1. Obstetrics, gynecology and biotechnology of animal reproduction: textbook / A. P. Studentsov, V. S. Shipilov, V. Ya. Nikitin [and others]; edited by G. P. Dyulger. - 10th ed., revised. - St. Petersburg: Lan, 2020. - 548 p. <https://e.lanbook.com/book/129090>
2. Badluev E.B., Eshizhamsoev B.D., Tsybikzhapov A.D. Obstetrics and gynecology of farm animals. Workbook for laboratory and practical classes and independent work: study guide 2019.-90s. <https://e.lanbook.com/book/113386>
3. Baymishev, Kh. B. Gynecology and andrology: guidelines / Kh. B. Baymishev. - Samara: SamGAU, 2018. - 106 p. <https://e.lanbook.com/book/109422>
4. Workshop on internal animal diseases: textbook / G. G. Shcherbakov, A. V. Yashin, A. P. Kurdeko [and others]; under the general editorship of G. G. Shcherbakov [and others]. - 3rd ed., revised. - St. Petersburg: Lan, 2020. - 544 p. <https://e.lanbook.com/book/139263>
5. Nechaev, A. V. Internal non-communicable diseases: textbook / A. V. Nechaev, Yu. A. Kurlykova. - Samara: SamGAU, 2020 - Part 1: General prevention and therapy - 2020. - 122 p. <https://e.lanbook.com/book/158657>
6. Dyulger, G. P. Fundamentals of veterinary science: a textbook for universities / G. P. Dyulger, G. P. Tabakov. - 3rd ed., revised. - St. Petersburg: Lan, 2020. - 476 p. <https://e.lanbook.com/book/146658>
7. Epizootology with microbiology: textbook / A.S. Aliev, Yu.Yu. Danko, I.D. Yeshchenko [i dr.]; Ed. V.A. Kuzmin. - 2nd ed., revised. - St. Petersburg. : Publishing house "Lan", 2017. - 432 p. http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=465028&idb=0
8. Sidorchuk, A. A. General epizootology: a textbook for universities / A. A. Sidorchuk, V. A. Kuzmin, S. V. Alekseeva. - 2nd ed., revised. - St. Petersburg: Lan, 2021. - 248 p. <https://e.lanbook.com/book/156931>
9. Epizootology with microbiology: a textbook for universities / A. S. Aliev, Yu. Yu. Danko, I. D. Yeshchenko [and others]; Edited by V. A. Kuzmin, A. V. Svyatkovsky. - 6th, revised. - St. Petersburg: Lan, 2021. - 432 p. <https://e.lanbook.com/book/162384>
10. Skubko, O. R. Morphofunctional features and diseases of animal bones: textbook / O. R. Skubko, O. N. Shushakova. - Omsk: Omsk State Agrarian University, 2020. - 52 p. <https://e.lanbook.com/book/136157>
11. Operative surgery in animals: a textbook for universities / B. S. Semenov, V. N. Videnin, A. Yu. Nechaev [and others]. - St. Petersburg: Lan, 2020. - 704 p. <https://e.lanbook.com/book/162365>
12. Skubko, O. R. Methods of lectures of the academic discipline B1.B.23 "Operative surgery with topographic anatomy": a textbook / O. R. Skubko, G. A. Khonin, O. N. Shushakova. - Omsk: Omsk State Agrarian University, 2019. - 65 p. <https://e.lanbook.com/book/126630>
13. Latypov D.G. Protozoan animal diseases that are dangerous to humans (protozoan zoonoses): a textbook / D.G. Latypov, R.R. Timerbaeva, E.G. Kirillov. - St. Petersburg. : Publishing house

"Lan", 2017. - 208 p.
http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=464930&idb=0

14. Latypov D.G. Animal helminthiases dangerous to humans: textbook / D.G. Latypov. - 3rd ed., revised. - St. Petersburg. : Publishing house "Lan", 2017. - 440 p.
http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=464941&idb=0

15. Latypov, D. G. Parasitology and invasion animal diseases: a textbook for sports / D. G. Latypov, R. R. Timerbaeva, E. G. Kirillov. - 2nd ed., revised. - St. Petersburg: Lan, 2021. - 520 p.
<https://e.lanbook.com/book/159517>

16. Yatusevich, A. I. Parasitology and invasive animal diseases: textbook / A. I. Yatusevich, N. F. Karasev, S. I. Stasyukevich. - Minsk: RIPO, 2020. - 266 p. <https://e.lanbook.com/book/154220>

17. Nikitin, I. N. Workshop on the organization of veterinary business: textbook / I. N. Nikitin. - 4th ed., Rev. and additional - St. Petersburg: Lan, 2020. - 324 p.
<https://e.lanbook.com/book/131031>

18. Nikitin, I. N. Legal support of veterinary activities: a textbook for sports / I. N. Nikitin. - 2nd ed., revised. - St. Petersburg: Lan, 2021. - 212 p. <https://e.lanbook.com/book/155692>

19. Zabolotnykh M. V., Ivkova I. A., Zhidik I. Yu. Fundamentals of the organization of veterinary and sanitary business: textbook 2020.-91s

20. Nikitin, I. N. Veterinary clinic: textbook for universities / I. N. Nikitin, V. V. Ivanov, E. N. Trofimova. - 2nd, revised. - St. Petersburg: Lan, 2021. - 184 p. <https://e.lanbook.com/book/162385>

Additional readings to prepare for the state exam and/or degree thesis defence:

1. Polyantsev, N. I. Workshop on obstetrics, gynecology and biotechnology of animal reproduction: textbook / N. I. Polyantsev. - St. Petersburg: Lan, 2016. - 272 p.
<https://e.lanbook.com/book/71726>

2. Medicines used in veterinary obstetrics, gynecology, andrology and biotechnology of animal reproduction: textbook / G. P. Dyulger, V. V. Khramtsov, Yu. G. Sibileva, Zh. O. Kemeshev. - St. Petersburg: Lan, 2016. - 272 p. <https://e.lanbook.com/book/75510>

3. Biotechnology of the reproduction of farm animals and birds: textbook / compiled by E. I. Shurmanova [and others]. - Yekaterinburg: UrGAU, 2020. - 212 p.
<https://e.lanbook.com/book/155046>

4. Kiseleva, E. V. Obstetrics and biotechnology of animal reproduction: teaching aid / E. V. Kiseleva. - Ryazan: RGATU, 2019. - 79 p. <https://e.lanbook.com/book/137436>

5. Fundamentals of veterinary medicine and biotechnics of animal reproduction, Non-communicable diseases of animals: textbook / E. M. Maryin, V. A. Ermolaev, P. M. Lyashenko, A. V. Sapozhnikov. - Ulyanovsk: UIGAU named after P. A. Stolypin, 2015. - 352 p.
<https://e.lanbook.com/book/133785>

6. Gertman, A. M. Diseases of the kidneys and organs of the urinary system of animals: a textbook / A. M. Gertman, T. S. Samsonova. — 2nd ed., corrected. - St. Petersburg: Lan, 2016. - 388 p. <https://e.lanbook.com/book/79324>
7. Examination of northern fish species. Quality and safety: a textbook for universities / A. A. Gnedov, O. A. Ryazanova, E. B. Tabala, V. M. Poznyakovsky; under the general editorship of V. M. Poznyakovsky. - 2nd ed., revised. - St. Petersburg: Lan, 2021. - 436 p. <https://e.lanbook.com/book/155667>
8. Internal non-communicable diseases: textbook: in 2 parts / compiled by T. N. Babkina, N. V. Lenkova. - Persianovsky: Donskoy GAU, 2020 - Part 2: Internal non-communicable diseases - 2020. - 155 p. <https://e.lanbook.com/book/148534>
9. Prevention of infectious animal diseases by aerosols of chemical and biological preparations: monograph / A.T. Kushnir, I.A. Bureev, Yu.O. Selyaninov [i dr.]. - St. Petersburg. : Publishing house "Lan", 2016. - 192 p. http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=465095&idb=0
10. Infectious diseases common to many animal species: a teaching aid / V. K. Tikhonov, G. P. Tikhonova, O. Yu. Petrova, N. G. Ivanov. - Cheboksary: ChGSHA, 2018. - 557 p. <https://e.lanbook.com/book/141997>
11. Zubareva, I. M. Aspects of general epizootology of invasive diseases: textbook / I. M. Zubareva, V. I. Vasilevich, A. S. Donchenko. - Novosibirsk: NSAU, 2016. - 275 p. <https://e.lanbook.com/book/90996>
12. Ataev, A. M. Ichthyopathology: textbook / A. M. Ataev, M. M. Zubairova. - St. Petersburg: Lan, 2020. - 348 p. <https://e.lanbook.com/book/146911>
13. Fundamentals of veterinary medicine and biotechnology of animal reproduction, Non-communicable animal diseases: textbook / E. M. Maryin, V. A. Ermolaev, P. M. Lyashenko, A. V. Sapozhnikov. - Ulyanovsk: UIGAU named after P. A. Stolypin, 2015. - 352 p. <https://e.lanbook.com/book/133785>
14. Medvedeva, L. V. Fundamentals of veterinary operative surgery: textbook / L. V. Medvedeva, N. A. Malygina. - Barnaul: AGAU, 2018. - 157 p. <https://e.lanbook.com/book/137643>
15. Avdeenko, V. S. Veterinary andrology: textbook / V. S. Avdeenko, S. V. Fedotov. - St. Petersburg: Lan, 2019. - 308 p. <https://e.lanbook.com/book/115500>
16. Turitsyna, E. G. Anatomy of animals. Visceral systems of the body: splanchnology: textbook / E. G. Turitsyna. - Krasnoyarsk: KrasGAU, 2018. - 183 p. <https://e.lanbook.com/book/130131>
17. Parasitology and invasive animal diseases: a textbook for universities: in 2 volumes / D. G. Latypov, A. Kh. Volkov, R. R. Timerbaeva, E. G. Kirillov. - St. Petersburg: Lan, [b. G.]. - Volume 1 - 2021. - 548 p. <https://e.lanbook.com/book/159484>
18. Parasitology and invasive animal diseases: a textbook for universities: in 2 volumes / D. G. Latypov, A. Kh. Volkov, R. R. Timerbaeva, E. G. Kirillov. - St. Petersburg: Lan, 2021 - Volume 2 - 2021. - 444 p. <https://e.lanbook.com/book/162360>

19. Lutfullin, M. Kh. Veterinary helminthology: textbook / M. Kh. Lutfullin, D. G. Latypov, M. D. Kornishina. - 2nd ed., revised. - St. Petersburg: Lan, 2018. - 304 p. <https://e.lanbook.com/book/102228>

20. Klimova, E. S. Cestodology: laboratory workshop: textbook / E. S. Klimova, T. V. Babintseva. - Izhevsk: Izhevsk State Agricultural Academy, 2019. - 74 p. <https://e.lanbook.com/book/158573>

21. Kudacheva, N. A. Organization of veterinary business: textbook / N. A. Kudacheva. - Samara: SamGAU, 2019. - 131 p. <https://e.lanbook.com/book/123535>

22. History of veterinary science: textbook / compiled by N. A. Minenkov. - Kursk : Kursk State Agricultural Academy, 2020. - 101 p. <https://e.lanbook.com/book/134832>

23. Organization of veterinary business: textbook. - Stavropol: SPGU, 2019. - 300 p. <https://e.lanbook.com/book/142440>

24. Nikitin I.N. Organization and economics of veterinary business: textbook / I.N. Nikitin. - 6th ed., revised. and additional - St. Petersburg. : Publishing house "Lan", 2014. - 368 p. http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=465183&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/>

The training toolkit and guidelines for student's self-studies to prepare for the state exam and /or to draft the degree thesis and defend it:*

1. The guidelines for drafting and formatting the degree thesis within the higher education programme "36.05.01 Veterinary".
2. The procedure for the degree thesis check in the "Anti-plagiarism" system.
3. The procedure for conducting the final state examination under the higher education programme "36.05.01 Veterinary".

*The training toolkit and guidelines for the student's self-studies are placed on the final state examination page in the university telecommunication training and information system under the set procedure.

8. ASSESSMENT TOOLKIT AND GRADING SYSTEM* FOR EVALUATION OF GRADUATES' COMPETENCES LEVEL

The assessment materials and the grading system* to evaluate the graduate's level of competences (competences in part) formation as the results of the higher education programme completion are specified in the Appendix to this syllabus.

* The assessment materials and the grading system are formed on the basis of the requirements of the relevant local normative act of RUDN University (regulations / order).

HEAD OF EDUCATIONAL DEPARTMENT:

Department of Veterinary Medicine

Educational Department

Signature

Vatnikov Yu.A.

Name

HEAD OF HIGHER EDUCATION PROGRAMME:

Professor of the Department of Veterinary Medicine

Position, Educational Department

Signature

Vatnikov Yu.A.

Name.