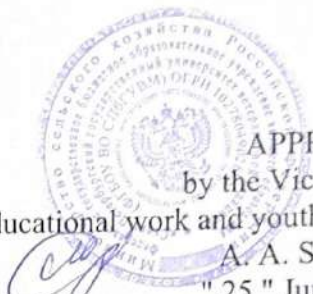


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ость: Проректор по учебно-воспитательной работе
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Ministry of Agriculture of the Russian Federation
Federal State Budgetary Educational Institution
higher education
"Saint-Petersburg State University
veterinary medicine"


APPROVED
by the Vice-rector
for educational work and youth Policy
A. A. Sukhinin
" 25 " June 2024

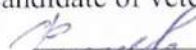
WORK PROGRAM

on educational general professional practice

Higher education level
SPECIALTY
Training area 36.05.01 Veterinary
Full-time education

The start year of training is 2024

Reviewed and accepted
at the meeting of the GEP and SIO Department
"24" June 2024
Protocol No. 10

Head of the GEP and SIO Department, Assistant,
candidate of veterinary Sciences
 E.Y. Finageev

Saint-Petersburg

2024

1. GOALS AND OBJECTIVES OF THE PRACTICE

- 1) Consolidate theoretical knowledge and develop practical skills in identifying useful (forage, medicinal) and poisonous plants, zoological objects, and anatomical preparations;
- 2) Acquire primary skills and abilities of scientific research activities to identify the most important groups of invertebrates and vertebrates;
- 3) Acquire primary skills and abilities of research activities to gain experience in environmental protection and veterinary measures.

2. TYPES OF PRACTICE, METHODS AND FORMS OF ITS IMPLEMENTATION

Academic practice is a mandatory part of the second block of the curriculum and is divided into general professional practice, clinical and research work (obtaining primary skills in research work).

There are stationary and on-site ways of completing internships. The practice is conducted in a discrete form according to the periods of practical training by alternating in the calendar training schedule periods of study time for practical training with periods of study time for theoretical classes.

Methods and forms of conducting practical training and research work for persons with disabilities are established taking into account the group of health restrictions and the ability to complete the internship program in full.

3. A LIST OF PLANNED RESULTS OF TRAINING DURING THE INTERNSHIP, CORRELATED WITH THE PLANNED RESULTS OF MASTERING THE EDUCATIONAL PROGRAM;

Academic practice of students who master educational programs of higher education is a mandatory part of the educational program of higher education. This type of educational work is aimed at developing practical skills and abilities, as well as forming the competencies of students in the process of performing certain types of work related to future professional activities.

Practical training is an integral part of the training of qualified specialists who are able to adapt and work successfully in specialized organizations.

The purpose of practical training is to deepen, supplement and consolidate the theoretical and practical knowledge gained in the study of disciplines, apply practical skills acquired during the course of practical training, as well as collect, process and systematize materials for performing research work of students based on the study of indicators and features of the activities of specialized organizations.

Practical training develops and strengthens practical skills and contributes to the comprehensive formation of students' competencies.

The planned results of the training practice are:

- consolidation of acquired theoretical and practical knowledge;
- systematization and deepening of the competencies formed during the development of the program in the specialty "Veterinary Medicine", their application in solving specific practical and scientific problems;
- acquaintance and study of the object of educational practice;
- gain experience in working in teams when dealing with professional issues;
- development of independent work skills and mastery of the methodology for analyzing the main organizational indicators of the institution's activities and the practice base;
- collection, systematization, and processing of factual material on the organization –and practice base;
- obtaining additional information necessary for students' research work.

These tasks of educational practice relate to the following areas of professional activity::
13 Agriculture and meet the types of tasks of professional activity provided for in the educational standard: medical, expert-control.

The implementation of the program of general professional training practice should form the following competencies:

A) Learning competencies

CC-1 is able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy

ID-1UK-1 Know the methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis

ID-2UK-1 Be able to acquire new knowledge based on analysis, synthesis, etc.; collect and summarize data on current scientific problems related to the professional field; search for information and solutions based on actions, experiments, experience, information and communication technologies.

ID-3UK-1 Master the study of the problem of professional activity using analysis, synthesis and other methods of intellectual activity, including the use of information and communication technologies; identifying problems and using adequate methods to solve them; demonstrating value judgments in solving problematic professional situations.

UK-4 is able to apply modern communication technologies, including in a foreign language(s), for academic and professional interaction.

ID-1UK-4 Know computer and information and communication technologies, information and digital infrastructure in the organization; communication in professional ethics; factors for improving communication in the organization, communication technologies in professional interaction; characteristics of communication flows; the value of communication in professional interaction; methods for studying the communicative potential of an individual; modern means of information and communication technologies.

ID-2UK-4 To be able to create written texts of scientific and official-business speech styles on professional issues in Russian and foreign languages; to study the passage of information on managerial communications; to determine internal communications in the organization, including using digital technologies.

ID-3UK-4 Master the principles of forming a communication system; analyze the system of communication links in the organization by performing oral and written communications, including in a foreign language; presenting plans and results of their own and team activities using communication technologies; technology for building effective communication in the organization; transfer of professional information in information and telecommunications networks using information technologies. modern means of information and communication technologies.

CC-6 is designed to determine and implement priorities for one's own activities and ways to improve them based on self-assessment and lifelong education.

ID-1UK-6 Know the content of self-organization and self-education processes, their features and technologies of implementation, based on the goals of improving professional activity.

ID-2UK-6 Be able to independently build the process of mastering selected and structured information, including using digital technologies.

ID-3UK-6 Master the techniques of self-regulation of psychoemotional and functional states.

UK-7 is able to maintain the proper level of physical fitness to ensure full-fledged social and professional activities.

ID-1UK-7 Know the basic means and methods of physical education.

ID-2UK-7 Be able to select and apply methods and means of physical culture to improve basic physical qualities.

ID-3UK-7 Master the methods and means of physical culture to ensure full-fledged social and professional activities.

UK-8 is able to create and maintain safe living conditions in everyday life and in professional activities to preserve the natural environment, ensure sustainable development of society, including in the event of a threat and occurrence of emergency situations and military conflicts.

ID-1UK-8 Know the consequences of exposure to harmful and dangerous factors on the body of animals, humans and the natural environment, methods and methods of protection from emergencies and military conflicts; basics of life safety, phone numbers of rescue services.

ID-2UK-8 To be able to identify signs, causes and conditions of emergency situations and military conflicts; to assess the probability of a potential danger to the student and take measures to prevent it in an educational institution; to provide first aid in emergency situations.

ID-3UK-8 Possess security skills in the "human-animal - habitat" system. Possess methods for predicting the occurrence of dangerous or emergency situations; skills in maintaining safe living conditions, including on the basis of digital technologies.

B) General professional competencies

OPK-1 is able to determine the biological status and normative clinical indicators of animal organs and body systems

ID-1OPK-1 Know safety techniques and personal hygiene rules when examining animals, methods of fixing them; schemes of clinical research of an animal and the procedure for studying individual body systems, including using digital technologies; methodology for recognizing the pathological process.

ID-2OPK-1 is able to collect and analyze anamnestic data, conduct laboratory and functional studies using digital computer technologies necessary to determine the biological status of animals.

ID-3OPK-1 Possess practical skills in conducting an independent clinical examination of an animal using classical research methods and digital technologies.

OPK-2 is able to interpret and evaluate the influence of natural, socio-economic, genetic and economic factors on the physiological state of the animal body in its professional activity

ID-1OPK-2 Know ecological factors of the environment, their classification and nature of relationships with living organisms; basic ecological concepts, terms and laws of bioecology; interspecific relations of animals and plants, predator and prey, parasites and hosts; ecological features of some types of pathogenic microorganisms; mechanisms of influence of anthropogenic and economic factors on the animal body.

ID-2OPK-2 Be able to use environmental factors and environmental laws in agricultural production; apply the achievements of modern microbiology and ecology of microorganisms in animal husbandry and veterinary medicine for the prevention of infectious and invasive diseases and treatment of animals; use environmental monitoring methods in the environmental expertise of agricultural facilities and the production of agricultural products, including using digital technologies; assess the impact of anthropogenic and economic factors on the animal body.

ID-3OPK-2 Possess an idea of the origin of living organisms, the levels of organization of living matter, favorable and unfavorable factors affecting the body; the basis for studying the ecological knowledge of the surrounding world, the laws of development of nature and society; the skills of observation, comparative analysis, historical and experimental modeling of the impact

of anthropogenic and economic factors on living objects, including including using digital technologies

OPK-4 is able to use professional methods of problem solving using modern equipment in the development of new technologies and use modern professional methodology for conducting experimental research and interpreting their results.

ID-1OPK-4 Know the technical capabilities of modern specialized equipment, methods for solving professional tasks.

ID-2OPK-4 Be able to apply modern technologies, including digital ones, and research methods in professional activities, and interpret the results obtained.

ID-3OPK-4 Master the skills of working with specialized equipment for the implementation of tasks set during research and development of new technologies, including digital ones

OPK-5 is able to draw up special documentation, analyze the results of professional activities and submit reporting documents using specialized databases.

ID-1OPK-5 Be able to apply new information technologies to solve tasks in their professional activities, work with specialized information databases.

ID-2OPK-5 Master the skills of working with the operating system, with text and table processors, with database management systems, with information and search engines on the Internet.

ID-3OPK-5 Know new information technologies for solving tasks in their professional activities, work with specialized information databases.

C) Professional competencies

PC-9 Development of recommendations for special feeding of sick animals for therapeutic purposes.

ID-1PK-9 Know the types of dietary regimens, principles of feed selection using digital technologies, norms, feeding modes in animal diet therapy.

PC-15 Organization of organizational and technical, zootechnical and veterinary measures aimed at the prevention of non-communicable diseases in accordance with the plan for the prevention of non-communicable animal diseases, analysis of the effectiveness of measures for the prevention of animal diseases in order to improve them.

ID-1PC-15 Be able to assess the impact of animal care and feeding conditions on their health as part of implementing action plans for the prevention of animal diseases using digital technologies.

ID-2PC-15 Should be able to assess the effectiveness of preventive measures and methods of their implementation, including using digital technologies.

ID-3PC-15 Be able to carry out veterinary quality control and preparation of animal feed in order to ensure their veterinary and sanitary safety as part of the implementation of action plans for the prevention of animal diseases.

ID-5PC-15 Know the types of measures for the prevention of non-infectious animal diseases and metabolic disorders in animals and the requirements for their implementation in accordance with methodological guidelines, instructions, instructions, rules for the diagnosis, prevention and treatment of animals.

4. PLACE OF PRACTICE IN THE STRUCTURE OF OBOR

General professional practice is a mandatory part of the second block of the curriculum (B2.O. 01(U)).

The total labor intensity of general professional practice is 6 credits - 216 hours, the practice program is performed by full-time students for 2 weeks in the 2nd semester and 2 weeks in the 4th semester in accordance with the curriculum and schedule of the educational process in the specialty 36.05.01 Veterinary Medicine.

5. SCOPE OF GENERAL PROFESSIONAL TRAINING PRACTICE

5.1. Scope of general professional practice for full-time education

Type of practice	Semester		TOTAL:
	2	4	
Educational general professional practice, week/hour / ZE	2/108/3	2/108/3	4/216/6
Classroom work, hour, of which:	30	30	60
Practical training (PP)	6	6	12
Independent work, hour, of which:	78	78	156
Practical training (PP)	60	60	120
Type of intermediate certification	Credit-	1 Offset-2	
TOTAL, week/hour / SE:	2/108/3	2/108/3	4/216/6

6. CONTENT OF THE TRAINING PROGRAM GENERAL PROFESSIONAL PRACTICE

Students master the program of general professional training practice in several stages: preparatory, production and final.

6.1. Content of general professional practice for full-time education

#	Stages (sections)	Practice stages (sections) Content of the practice	stage (section) Competencies being formed	Labor intensity (hours/day)	Types of academic work, including independent work of students and labor intensity (in hours)				Seme ster	Form of current control and prom.attes tations
					Classroo m work, hour., of	whi ch PP	Independe nt work, hour., of which:	PP		
1	preparatory	Obtaining and studying questions of an individual task of practical training, organizational meeting at the supervising department, familiarization with the requirements of occupational safety in the performance of work, fire safety and sanitary standards, as well as requirements for writing a diary, etc. preparation of a practice report. Arrival at the place of practice, familiarization with the organization of work and the specifics of the work of the profile organization.	A) Educational competencies CC-1 is able to carry out critical analysis of problem situations based on a systematic approach, develop a strategy for actions of CC-1ID-1 Know the methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis. CC-1ID-2 To be able to acquire new knowledge based on analysis, synthesis, etc.; to collect and summarize data on current scientific problems related to the professional field; to search for information and solutions based on actions, experiments, experience, information and communication technologies. UK-1ID-3 Master the study of the problem of professional activity using	1,8/0,05	0,5	0,1	1,3	1	2	Current (marks of the practice manager in documents and report forms)

			<p>analysis, synthesis and other methods of intellectual activity, including the use of information and communication technologies; identifying problems and using adequate methods to solve them; demonstrating value judgments in solving problematic professional situations.</p> <p>UK-4 is able to apply modern communication technologies, including in a foreign language(s), for academic and professional interaction</p> <p>UK-4ID-1 Know computer and information and communication technologies, information and digital infrastructure in the organization; communication in professional ethics; factors for improving communication in the organization, communication technologies in professional interaction; characteristics of communication flows; the importance of communication in professional interaction; methods for studying the communicative potential of an individual; modern means of information and communication technologies.</p> <p>UK-4ID-2 To be able to create written texts of scientific and official-business speech styles on professional issues in Russian and foreign languages; to study the passage of information on managerial communications; to determine internal communications in the organization, including using digital technologies.</p> <p>UK-4ID-3 Master the principles of forming a communication system; analyze the system of communication links in the organization by performing oral and written communications, including in a foreign language; presenting plans and</p>								
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			<p>results of their own and team activities using communication technologies; technology for building effective communication in the organization; transfer of professional information in information and telecommunications networks using the following methods: modern means of information and communication technologies.</p> <p>UK-6 is able to determine and implement the priorities of its own activities and ways to improve it on the basis of self-assessment and lifelong education</p> <p>UK-6ID-1 Know the content of self-organization and self-education processes, their features and implementation technologies, based on the goals of improving professional activity.</p> <p>UK-6ID-2 To be able to independently build the process of mastering selected and structured information, including using digital technologies.</p> <p>UK-6ID-3 Master the techniques of self-regulation of psychoemotional and functional states.</p> <p>UK-7 is able to maintain the proper level of physical fitness to ensure full-fledged social and professional activities</p> <p>UK-7ID-2 is able to select and apply methods and means of physical culture to improve basic physical qualities.</p> <p>UK-7ID-3 Master the methods and means of physical culture to ensure full-fledged social and professional activities.</p> <p>UK-8 is able to create and maintain safe living conditions, including in the event of emergencies</p> <p>UK-8ID-1 Knows the consequences of exposure to harmful and dangerous</p>							
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			<p>factors on the body of animals, humans and the natural environment, methods and methods of protection from emergencies and military conflicts; basics of life safety, phone numbers of rescue services.</p> <p>UK-8ID-2 To be able to identify signs, causes and conditions of emergency situations and military conflicts; to assess the likelihood of a potential danger to the student and take measures to prevent it in an educational institution; to provide first aid in emergency situations.</p> <p>UK-8ID-3 Possess security skills in the "human-animal - habitat" system. Possess methods for predicting the occurrence of dangerous or emergency situations; skills in maintaining safe living conditions, including on the basis of digital technologies.</p> <p>B) General professional competencies of OPK-1 Able to determine the biological status and regulatory clinical indicators of animal organs and body systems</p> <p>OPK-1ID-1 Know safety and personal hygiene rules when examining animals, methods of fixing them; schemes of clinical research of an animal and the procedure for studying individual body systems, including using digital technologies; methodology for recognizing the pathological process.</p> <p>OPK-1ID-2 is able to collect and analyze anamnestic data, conduct laboratory and functional studies using digital computer technologies necessary to determine the biological status of animals.</p>							
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			<p>OPK-1ID-3 Possess practical skills in conducting an independent clinical examination of an animal using classical research methods and digital technologies.</p> <p>OPK-2 is able to interpret and evaluate in professional activity the influence of natural, socio-economic, genetic and economic factors on the physiological state of the animal body</p> <p>OPK-2ID-1 Know environmental factors of the environment, their classification and the nature of relationships with living organisms; basic ecological concepts, terms and laws of bioecology; interspecific relations of animals and plants species of pathogenic microorganisms; mechanisms of influence of anthropogenic and economic factors on the animal body.</p> <p>OPK-2ID-2 Be able to use environmental factors and environmental laws in agricultural production; apply the achievements of modern microbiology and ecology of microorganisms in animal husbandry and veterinary medicine for the prevention of infectious and invasive diseases and treatment of animals; use environmental monitoring methods in the environmental expertise of agricultural facilities and the production of agricultural products, including: including using digital technologies; assess the impact of anthropogenic and economic factors on the animal body.</p> <p>OPK-2ID-3 Possess an idea of the origin of living organisms, the levels of organization of living matter, favorable and unfavorable factors affecting the body; the basis for studying the ecological knowledge of the surrounding world, the</p>								
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			<p>laws of development of nature and society; the skills of observation, comparative analysis, historical and experimental modeling of the impact of anthropogenic and economic factors on living objects, in particular including, with the use of digital technologies , OPK-4 is able to use in professional activities methods for solving problems using modern equipment in the development of new technologies and use modern professional methodology for conducting experimental research and interpreting their results</p> <p>OPK-4ID-1 Knows the technical capabilities of modern specialized equipment, methods for solving problems of professional activity.</p> <p>OPK-4ID-2 Should be able to apply modern technologies, including digital ones, and research methods in professional activities, and interpret the results obtained.</p> <p>OPK-4ID-3 Master the skills of working with specialized equipment for the implementation of tasks set during research and development of new technologies, including digital</p> <p>OPK-5 He is able to draw up special documentation, analyze the results of professional activities and submit reporting documents using specialized databases</p> <p>of OPK-5ID-1 . He is able to apply new information technologies to solve tasks in his professional activities, work with specialized information databases.</p> <p>OPK-5ID-2 Master the skills of working with the operating system, with text and table processors, with database</p>								
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			<p>management systems, with information and search engines on the Internet.</p> <p>OPK-5ID-3 To know new information technologies for solving tasks in their professional activities, to work with specialized information databases.</p> <p>C) Professional competencies</p> <p>PC-9 Development of recommendations for special feeding of sick animals for therapeutic purposes</p> <p>PC-9ID-1 Know the types of dietary regimes, principles of feed selection using digital technologies, norms, feeding regimes in animal diet therapy</p> <p>PC-15 Organization of organizational, technical, zootechnical and veterinary measures aimed at the prevention of non-infectious diseases in accordance with the plan for the prevention of non-infectious animal diseases, analysis of the effectiveness of measures for the prevention of animal diseases in order to improve them</p> <p>PC-15ID-1 Be able to assess the impact of conditions for keeping and feeding animals on their health as part of the implementation of action plans for the prevention of animal diseases using digital technologies</p> <p>PC-15ID-2 measures and methods of their implementation, including using digital technologies</p> <p>PC-15ID-3 Be able to carry out veterinary quality control and preparation of animal feed in order to ensure their veterinary and sanitary safety within the framework of implementing action plans for the prevention of animal diseases</p> <p>PC-15ID-5 Know the types of measures for the prevention of non-infectious</p>							
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			animal diseases and metabolic disorders in animals and requirements for their conduct in accordance with methodological guidelines, instructions, instructions, rules for the diagnosis, prevention and treatment of animals							
			<p>A) Educational competencies</p> <p>CC-1 is able to carry out critical analysis of problem situations based on a systematic approach, develop a strategy for actions</p> <p>of CC-1ID-1 Know the methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis.</p> <p>CC-1ID-2 To be able to acquire new knowledge based on analysis, synthesis, etc.; to collect and summarize data on current scientific problems related to the professional field; to search for information and solutions based on actions, experiments, experience, information and communication technologies.</p> <p>UK-1ID-3 Master the study of the problem of professional activity using analysis, synthesis and other methods of intellectual activity, including the use of information and communication technologies; identifying problems and using adequate methods to solve them; demonstrating value judgments in solving problematic professional situations.</p> <p>UK-4 is able to apply modern communication technologies, including in a foreign language(s), for academic and professional interaction</p>	1,8/0,05	0,5	0,1	1,3	1	4	

			<p>UK-4ID-1 Know computer and information and communication technologies, information and digital infrastructure in the organization; communication in professional ethics; factors for improving communication in the organization, communication technologies in professional interaction; characteristics of communication flows; the importance of communication in professional interaction; methods for studying the communicative potential of an individual; modern means of information and communication technologies.</p> <p>UK-4ID-2 To be able to create written texts of scientific and official-business speech styles on professional issues in Russian and foreign languages; to study the passage of information on managerial communications; to determine internal communications in the organization, including using digital technologies.</p> <p>UK-4ID-3 Master the principles of forming a communication system; analyze the system of communication links in the organization by performing oral and written communications, including in a foreign language; presenting plans and results of their own and team activities using communication technologies; technology for building effective communication in the organization; transfer of professional information in information and telecommunications networks using the following methods: modern means of information and communication technologies.</p> <p>UK-6 is able to determine and implement the priorities of its own</p>									
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			<p>activities and ways to improve it on the basis of self-assessment and lifelong education</p> <p>UK-6ID-1 Know the content of self-organization and self-education processes, their features and implementation technologies, based on the goals of improving professional activity.</p> <p>UK-6ID-2 To be able to independently build the process of mastering selected and structured information, including using digital technologies.</p> <p>UK-6ID-3 Master the techniques of self-regulation of psychoemotional and functional states.</p> <p>UK-7 is able to maintain the proper level of physical fitness to ensure full-fledged social and professional activities</p> <p>UK-7ID-2 is able to select and apply methods and means of physical culture to improve basic physical qualities.</p> <p>UK-7ID-3 Master the methods and means of physical culture to ensure full-fledged social and professional activities.</p> <p>UK-8 Able to create and maintain safe living conditions, including in the event of emergencies</p> <p>UK-8ID-1 Know the consequences of exposure to harmful and dangerous factors on the body of animals, humans and the natural environment, methods and methods of protection from emergencies and military conflicts; basics of life safety, phone numbers of rescue services.</p> <p>UK-8ID-2 To be able to identify signs, causes and conditions of emergency situations and military conflicts; to assess the likelihood of a potential danger to the student and take measures to prevent it in</p>							
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			<p>an educational institution; to provide first aid in emergency situations.</p> <p>UK-8ID-3 Possess security skills in the "human-animal - habitat" system. Possess methods for predicting the occurrence of dangerous or emergency situations; skills in maintaining safe living conditions, including on the basis of digital technologies.</p> <p>B) General professional competencies</p> <p>OPK-1 is able to determine the biological status and regulatory clinical indicators of animal organs and body systems</p> <p>OPK-1ID-1 Knows safety techniques and personal hygiene rules when examining animals, how to fix them; schemes for clinical research of an animal and the procedure for studying individual body systems, including using digital technologies; methodology recognition of a pathological process.</p> <p>OPK-1ID-2 is able to collect and analyze anamnestic data, conduct laboratory and functional studies using digital computer technologies necessary to determine the biological status of animals.</p> <p>OPK-1ID-3 Possess practical skills in conducting an independent clinical examination of an animal using classical research methods and digital technologies.</p> <p>OPK-2 Able to interpret and evaluate in professional activity the influence of natural, socio-economic, genetic and economic factors on the physiological state of the animal body</p> <p>OPK-2ID-1 To know environmental factors of the environment, their</p>							
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			<p>using modern equipment in the development of new technologies and use modern professional methodology for conducting experimental research and interpreting their results</p> <p>OPK-4ID-1 Knows the technical capabilities of modern specialized equipment, methods for solving problems of professional activity.</p> <p>OPK-4ID-2 Should be able to apply modern technologies, including digital ones, and research methods in professional activities, and interpret the results obtained.</p> <p>OPK-4ID-3 Master the skills of working with specialized equipment for the implementation of tasks set during research and development of new technologies, including digital</p> <p>OPK-5 He is able to draw up special documentation, analyze the results of professional activities and submit reporting documents using specialized databases</p> <p>of OPK-5ID-1 . He is able to apply new information technologies to solve tasks in his professional activities, work with specialized information databases.</p> <p>OPK-5ID-2 Master the skills of working with the operating system, with text and table processors, with database management systems, with information and search engines on the Internet.</p> <p>OPK-5ID-3 To know new information technologies for solving tasks in their professional activities, to work with specialized information databases.</p> <p>C) Professional competencies</p>								
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			<p>PC-9 Development of recommendations for special feeding of sick animals for therapeutic purposes</p> <p>PC-9ID-1 Know the types of dietary regimes, principles of feed selection using digital technologies, norms, feeding regimes in animal diet therapy</p> <p>PC-15 Organization of organizational, technical, zootechnical and veterinary measures aimed at the prevention of non-infectious diseases in accordance with the plan for the prevention of non-infectious animal diseases, analysis of the effectiveness of measures for the prevention of animal diseases in order to improve them</p> <p>PC-15ID-1 Be able to assess the impact of conditions for keeping and feeding animals on their health as part of the implementation of action plans for the prevention of animal diseases using digital technologies</p> <p>PC-15ID-2 measures and methods of their implementation, including using digital technologies</p> <p>PC-15ID-3 Be able to carry out veterinary quality control and preparation of animal feed in order to ensure their veterinary and sanitary safety within the framework of implementing action plans for the prevention of animal diseases</p> <p>PC-15ID-5 Know the types of measures for the prevention of non-infectious animal diseases and metabolic disorders in animals and requirements for their conduct in accordance with methodological guidelines, instructions, instructions, rules for the diagnosis, prevention and treatment of animals</p>								
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2	production	- Performing the work provided for in the internship program and individual assignment.	<p>A) Educational competencies</p> <p>CC-1 is able to carry out critical analysis of problem situations based on a systematic approach, develop a strategy for actions</p> <p>of CC-1ID-1 Know the methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis.</p> <p>CC-1ID-2 To be able to acquire new knowledge based on analysis, synthesis, etc.; to collect and summarize data on current scientific problems related to the professional field; to search for information and solutions based on actions, experiments, experience, information and communication technologies.</p> <p>UK-1ID-3 Master the study of the problem of professional activity using analysis, synthesis and other methods of intellectual activity, including the use of information and communication technologies; identifying problems and using adequate methods to solve them; demonstrating value judgments in solving problematic professional situations.</p> <p>UK-4 is able to apply modern communication technologies, including in a foreign language(s), for academic and professional interaction</p> <p>UK-4ID-1 Know computer and information and communication technologies, information and digital infrastructure in the organization; communication in professional ethics; factors for improving communication in the organization, communication technologies in professional interaction; characteristics of communication flows;</p>	88,2/2,45	24,5	4,9	63,7	49	2	Current (keeping a practice diary for students)
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			<p>the importance of communication in professional interaction; methods for studying the communicative potential of an individual; modern means of information and communication technologies.</p> <p>UK-4ID-2 To be able to create written texts of scientific and official-business speech styles on professional issues in Russian and foreign languages; to study the passage of information on managerial communications; to determine internal communications in the organization, including using digital technologies.</p> <p>UK-4ID-3 Master the principles of forming a communication system; analyze the system of communication links in the organization by performing oral and written communications, including in a foreign language; presenting plans and results of their own and team activities using communication technologies; technology for building effective communication in the organization; transfer of professional information in information and telecommunications networks using the following methods: modern means of information and communication technologies.</p> <p>UK-6 is able to determine and implement the priorities of its own activities and ways to improve it on the basis of self-assessment and lifelong education</p> <p>UK-6ID-1 Know the content of self-organization and self-education processes, their features and implementation technologies, based on the goals of improving professional activity.</p>								
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			<p>UK-6ID-2 To be able to independently build the process of mastering selected and structured information, including using digital technologies.</p> <p>UK-6ID-3 Master the techniques of self-regulation of psychoemotional and functional states.</p> <p>UK-7 is able to maintain the proper level of physical fitness to ensure full-fledged social and professional activities</p> <p>UK-7ID-2 is able to select and apply methods and means of physical culture to improve basic physical qualities.</p> <p>UK-7ID-3 Master the methods and means of physical culture to ensure full-fledged social and professional activities.</p> <p>UK-8 Able to create and maintain safe living conditions, including in the event of emergencies</p> <p>UK-8ID-1 Know the consequences of exposure to harmful and dangerous factors on the body of animals, humans and the natural environment, methods and methods of protection from emergencies and military conflicts; basics of life safety, phone numbers of rescue services.</p> <p>UK-8ID-2 To be able to identify signs, causes and conditions of emergency situations and military conflicts; to assess the likelihood of a potential danger to the student and take measures to prevent it in an educational institution; to provide first aid in emergency situations.</p> <p>UK-8ID-3 Possess security skills in the "human-animal - habitat" system. Possess methods for predicting the occurrence of dangerous or emergency situations; skills in maintaining safe living conditions, including on the basis of digital technologies.</p>							
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			<p>B) General professional competencies</p> <p>OPK-1 is able to determine the biological status and regulatory clinical indicators of animal organs and body systems</p> <p>OPK-1ID-1 Knows safety techniques and personal hygiene rules when examining animals, how to fix them; schemes for clinical research of an animal and the procedure for studying individual body systems, including using digital technologies; methodology recognition of a pathological process.</p> <p>OPK-1ID-2 is able to collect and analyze anamnestic data, conduct laboratory and functional studies using digital computer technologies necessary to determine the biological status of animals.</p> <p>OPK-1ID-3 Possess practical skills in conducting an independent clinical examination of an animal using classical research methods and digital technologies.</p> <p>OPK-2 Able to interpret and evaluate in professional activity the influence of natural, socio-economic, genetic and economic factors on the physiological state of the animal body</p> <p>OPK-2ID-1 To know environmental factors of the environment, their classification and the nature of relationships with living organisms; basic ecological concepts, terms and laws of bioecology; interspecific relations of animals and plants, predator, etc. victims, parasites and hosts; ecological features of some types of pathogenic microorganisms; mechanisms of influence</p>								
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			<p>of anthropogenic and economic factors on the animal body.</p> <p>OPK-2ID-2 Be able to use environmental factors and environmental laws in agricultural production; apply the achievements of modern microbiology and ecology of microorganisms in animal husbandry and veterinary medicine for the prevention of infectious and invasive diseases and treatment of animals; use environmental monitoring methods in the environmental expertise of agricultural facilities and the production of agricultural products, including: including using digital technologies; assess the impact of anthropogenic and economic factors on the animal body.</p> <p>OPK-2ID-3 Possess an idea of the origin of living organisms, the levels of organization of living matter, favorable and unfavorable factors affecting the body; the basis for studying the ecological knowledge of the surrounding world, the laws of development of nature and society; the skills of observation, comparative analysis, historical and experimental modeling of the impact of anthropogenic and economic factors on living objects, in particular including, with the use of digital technologies</p> <p>, OPK-4 is able to use in professional activities methods for solving problems using modern equipment in the development of new technologies and use modern professional methodology for conducting experimental research and interpreting their results</p> <p>OPK-4ID-1 Knows the technical capabilities of modern specialized</p>							
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			<p>equipment, methods for solving problems of professional activity.</p> <p>OPK-4ID-2 Should be able to apply modern technologies, including digital ones, and research methods in professional activities, and interpret the results obtained.</p> <p>OPK-4ID-3 Master the skills of working with specialized equipment for the implementation of tasks set during research and development of new technologies, including digital</p> <p>OPK-5 He is able to draw up special documentation, analyze the results of professional activities and submit reporting documents using specialized databases</p> <p>of OPK-5ID-1 . He is able to apply new information technologies to solve tasks in his professional activities, work with specialized information databases.</p> <p>OPK-5ID-2 Master the skills of working with the operating system, with text and table processors, with database management systems, with information and search engines on the Internet.</p> <p>OPK-5ID-3 To know new information technologies for solving tasks in their professional activities, to work with specialized information databases.</p> <p>C) Professional competencies</p> <p>PC-9 Development of recommendations for special feeding of sick animals for therapeutic purposes</p> <p>PC-9ID-1 Know the types of dietary regimes, principles of feed selection using digital technologies, norms, feeding regimes in animal diet therapy</p> <p>PC-15 Organization of organizational, technical, zootechnical</p>							
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			<p>and veterinary measures aimed at the prevention of non-infectious diseases in accordance with the plan for the prevention of non-infectious animal diseases, analysis of the effectiveness of measures for the prevention of animal diseases in order to improve them</p> <p>PC-15ID-1 Be able to assess the impact of conditions for keeping and feeding animals on their health as part of the implementation of action plans for the prevention of animal diseases using digital technologies</p> <p>PC-15ID-2 measures and methods of their implementation, including using digital technologies</p> <p>PC-15ID-3 Be able to carry out veterinary quality control and preparation of animal feed in order to ensure their veterinary and sanitary safety within the framework of implementing action plans for the prevention of animal diseases</p> <p>PC-15ID-5 Know the types of measures for the prevention of non-infectious animal diseases and metabolic disorders in animals and requirements for their conduct in accordance with methodological guidelines, instructions, instructions, rules for the diagnosis, prevention and treatment of animals</p>							
			<p>A) Educational competencies</p> <p>CC-1 is able to carry out critical analysis of problem situations based on a systematic approach, develop a strategy for actions</p> <p>of CC-1ID-1 Know the methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis.</p>	88,2/2,45	24,5	4,9	63,7	49	4	

			<p>CC-1ID-2 To be able to acquire new knowledge based on analysis, synthesis, etc.; to collect and summarize data on current scientific problems related to the professional field; to search for information and solutions based on actions, experiments, experience, information and communication technologies.</p> <p>UK-1ID-3 Master the study of the problem of professional activity using analysis, synthesis and other methods of intellectual activity, including the use of information and communication technologies; identifying problems and using adequate methods to solve them; demonstrating value judgments in solving problematic professional situations.</p> <p>UK-4 is able to apply modern communication technologies, including in a foreign language(s), for academic and professional interaction</p> <p>UK-4ID-1 Know computer and information and communication technologies, information and digital infrastructure in the organization; communication in professional ethics; factors for improving communication in the organization, communication technologies in professional interaction; characteristics of communication flows; the importance of communication in professional interaction; methods for studying the communicative potential of an individual; modern means of information and communication technologies.</p> <p>UK-4ID-2 To be able to create written texts of scientific and official-business speech styles on professional issues in</p>									
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			<p>Russian and foreign languages; to study the passage of information on managerial communications; to determine internal communications in the organization, including using digital technologies.</p> <p>UK-4ID-3 Master the principles of forming a communication system; analyze the system of communication links in the organization by performing oral and written communications, including in a foreign language; presenting plans and results of their own and team activities using communication technologies; technology for building effective communication in the organization; transfer of professional information in information and telecommunications networks using the following methods: modern means of information and communication technologies.</p> <p>UK-6 is able to determine and implement the priorities of its own activities and ways to improve it on the basis of self-assessment and lifelong education</p> <p>UK-6ID-1 Know the content of self-organization and self-education processes, their features and implementation technologies, based on the goals of improving professional activity.</p> <p>UK-6ID-2 To be able to independently build the process of mastering selected and structured information, including using digital technologies.</p> <p>UK-6ID-3 Master the techniques of self-regulation of psychoemotional and functional states.</p> <p>UK-7 is able to maintain the proper level of physical fitness to ensure full-fledged social and professional activities</p>								
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			<p>UK-7ID-2 is able to select and apply methods and means of physical culture to improve basic physical qualities.</p> <p>UK-7ID-3 Master the methods and means of physical culture to ensure full-fledged social and professional activities.</p> <p>UK-8 Able to create and maintain safe living conditions, including in the event of emergencies</p> <p>UK-8ID-1 Know the consequences of exposure to harmful and dangerous factors on the body of animals, humans and the natural environment, methods and methods of protection from emergencies and military conflicts; basics of life safety, phone numbers of rescue services.</p> <p>UK-8ID-2 To be able to identify signs, causes and conditions of emergency situations and military conflicts; to assess the likelihood of a potential danger to the student and take measures to prevent it in an educational institution; to provide first aid in emergency situations.</p> <p>UK-8ID-3 Possess security skills in the "human-animal - habitat" system. Possess methods for predicting the occurrence of dangerous or emergency situations; skills in maintaining safe living conditions, including on the basis of digital technologies.</p> <p>B) General professional competencies</p> <p>OPK-1 is able to determine the biological status and regulatory clinical indicators of animal organs and body systems</p> <p>OPK-1ID-1 Knows safety techniques and personal hygiene rules when examining animals, how to fix them; schemes for clinical research of an animal and the procedure for studying</p>								
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			<p>individual body systems, including using digital technologies; methodology recognition of a pathological process. OPK-1ID-2 is able to collect and analyze anamnestic data, conduct laboratory and functional studies using digital computer technologies necessary to determine the biological status of animals.</p> <p>OPK-1ID-3 Possess practical skills in conducting an independent clinical examination of an animal using classical research methods and digital technologies.</p> <p>OPK-2 Able to interpret and evaluate in professional activity the influence of natural, socio-economic, genetic and economic factors on the physiological state of the animal body</p> <p>OPK-2ID-1 To know environmental factors of the environment, their classification and the nature of relationships with living organisms; basic ecological concepts, terms and laws of bioecology; interspecific relations of animals and plants, predator, etc. victims, parasites and hosts; ecological features of some types of pathogenic microorganisms; mechanisms of influence of anthropogenic and economic factors on the animal body.</p> <p>OPK-2ID-2 Be able to use environmental factors and environmental laws in agricultural production; apply the achievements of modern microbiology and ecology of microorganisms in animal husbandry and veterinary medicine for the prevention of infectious and invasive diseases and treatment of animals; use environmental monitoring methods in the</p>								
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			<p>environmental expertise of agricultural facilities and the production of agricultural products, including:</p> <p>including using digital technologies; assess the impact of anthropogenic and economic factors on the animal body.</p> <p>OPK-2ID-3 Possess an idea of the origin of living organisms, the levels of organization of living matter, favorable and unfavorable factors affecting the body; the basis for studying the ecological knowledge of the surrounding world, the laws of development of nature and society; the skills of observation, comparative analysis, historical and experimental modeling of the impact of anthropogenic and economic factors on living objects, in particular including, with the use of digital technologies</p> <p>, OPK-4 is able to use in professional activities methods for solving problems using modern equipment in the development of new technologies and use modern professional methodology for conducting experimental research and interpreting their results</p> <p>OPK-4ID-1 Knows the technical capabilities of modern specialized equipment, methods for solving problems of professional activity.</p> <p>OPK-4ID-2 Should be able to apply modern technologies, including digital ones, and research methods in professional activities, and interpret the results obtained.</p> <p>OPK-4ID-3 Master the skills of working with specialized equipment for the implementation of tasks set during research and development of new technologies, including digital</p>								
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			<p>OPK-5 He is able to draw up special documentation, analyze the results of professional activities and submit reporting documents using specialized databases</p> <p>of OPK-5ID-1 . He is able to apply new information technologies to solve tasks in his professional activities, work with specialized information databases.</p> <p>OPK-5ID-2 Master the skills of working with the operating system, with text and table processors, with database management systems, with information and search engines on the Internet.</p> <p>OPK-5ID-3 To know new information technologies for solving tasks in their professional activities, to work with specialized information databases.</p> <p>C) Professional competence</p> <p>PK-9 to Develop recommendations for special feeding sick animals for therapeutic purposes</p> <p>PK-9ИД-1 Know the types of dietary regimes, the principles of the selection of food with the use of digital technologies, norms, modes of feeding in the diet of animals</p> <p>PK-15 Organization organizational, technical, zootechnical and veterinary measures aimed at prevention of non-communicable diseases in accordance with the terms of prevention of non-communicable diseases of animals, analysis of the effectiveness of interventions for the prevention of animal diseases with the aim of improving</p> <p>PC-15ИД-1 to be able to evaluate the influence of the conditions of keeping and feeding animals on their state of health in the framework of the</p>							
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			<p>implementation of action plans for the prevention of animal diseases with the use of digital technologies</p> <p>PC-15ИД-2 be able to assess the effectiveness of preventive measures and their implementation, including with the use of digital technologies</p> <p>PC-15ИД-3 be able to carry out veterinary quality control and fodder for the animals to ensure their veterinary and sanitary safety in the framework of the implementation of action plans for the prevention of animal diseases</p> <p>PK-15ИД-5 to Know the types of interventions for the prevention of non-communicable diseases and metabolic disorders in animals, and requirements to conduct them in accordance with the guidelines, regulations, instructions, rules, diagnosis, prevention and treatment of animals</p>							
3	final	preparation of the report on the practice of	<p>A) Learning competencies</p> <p>UK-1 is Able to carry out a critical analysis of problem situations on the basis of a systematic approach to develop a strategy of action</p> <p>of UK-1ID-1 to Know the methods of critical analysis and evaluation of modern scientific achievements; the basic principles of critical analysis.</p> <p>CC-1ID-2 To be able to acquire new knowledge based on analysis, synthesis, etc.; to collect and summarize data on current scientific problems related to the professional field; to search for information and solutions based on actions, experiments, experience, information and communication technologies.</p>	18/0. 5	5	1	13	10	2	Intermediate certification (protection of the practice report; credit)

			<p>UK-1ID-3 Master the study of the problem of professional activity using analysis, synthesis and other methods of intellectual activity, including the use of information and communication technologies; identifying problems and using adequate methods to solve them; demonstrating value judgments in solving problematic professional situations.</p> <p>UK-4 is able to apply modern communication technologies, including in a foreign language(s), for academic and professional interaction</p> <p>UK-4ID-1 Know computer and information and communication technologies, information and digital infrastructure in the organization; communication in professional ethics; factors for improving communication in the organization, communication technologies in professional interaction; characteristics of communication flows; the importance of communication in professional interaction; methods for studying the communicative potential of an individual; modern means of information and communication technologies.</p> <p>UK-4ID-2 To be able to create written texts of scientific and official-business speech styles on professional issues in Russian and foreign languages; to study the passage of information on managerial communications; to determine internal communications in the organization, including using digital technologies.</p> <p>UK-4ID-3 Master the principles of forming a communication system; analyze the system of communication links in the organization by performing oral and</p>									
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			<p>written communications, including in a foreign language; presenting plans and results of their own and team activities using communication technologies; technology for building effective communication in the organization; transfer of professional information in information and telecommunications networks using the following methods: modern means of information and communication technologies.</p> <p>UK-6 is able to determine and implement the priorities of its own activities and ways to improve it on the basis of self-assessment and lifelong education</p> <p>UK-6ID-1 Know the content of self-organization and self-education processes, their features and implementation technologies, based on the goals of improving professional activity.</p> <p>UK-6ID-2 To be able to independently build the process of mastering selected and structured information, including using digital technologies.</p> <p>UK-6ID-3 Master the techniques of self-regulation of psychoemotional and functional states.</p> <p>UK-7 is able to maintain the proper level of physical fitness to ensure full-fledged social and professional activities</p> <p>UK-7ID-2 is able to select and apply methods and means of physical culture to improve basic physical qualities.</p> <p>UK-7ID-3 Master the methods and means of physical culture to ensure full-fledged social and professional activities.</p> <p>UK-8 Able to create and maintain safe living conditions, including in the event of emergencies</p>							
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			<p>UK-8ID-1 Know the consequences of exposure to harmful and dangerous factors on the body of animals, humans and the natural environment, methods and methods of protection from emergencies and military conflicts; basics of life safety, phone numbers of rescue services.</p> <p>UK-8ID-2 To be able to identify signs, causes and conditions of emergency situations and military conflicts; to assess the likelihood of a potential danger to the student and take measures to prevent it in an educational institution; to provide first aid in emergency situations.</p> <p>UK-8ID-3 Possess security skills in the "human-animal - habitat" system. Possess methods for predicting the occurrence of dangerous or emergency situations; skills in maintaining safe living conditions, including on the basis of digital technologies.</p> <p>B) General professional competencies</p> <p>OPK-1 is able to determine the biological status and regulatory clinical indicators of animal organs and body systems</p> <p>OPK-1ID-1 Knows safety techniques and personal hygiene rules when examining animals, how to fix them; schemes for clinical research of an animal and the procedure for studying individual body systems, including using digital technologies; methodology recognition of a pathological process.</p> <p>OPK-1ID-2 is able to collect and analyze anamnestic data, conduct laboratory and functional studies using digital computer technologies necessary to determine the biological status of animals.</p>								
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			<p>OPK-1ID-3 Possess practical skills in conducting an independent clinical examination of an animal using classical research methods and digital technologies.</p> <p>OPK-2 Able to interpret and evaluate in professional activity the influence of natural, socio-economic, genetic and economic factors on the physiological state of the animal body</p> <p>OPK-2ID-1 To know environmental factors of the environment, their classification and the nature of relationships with living organisms; basic ecological concepts, terms and laws of bioecology; interspecific relations of animals and plants, predator, etc. victims, parasites and hosts; ecological features of some types of pathogenic microorganisms; mechanisms of influence of anthropogenic and economic factors on the animal body.</p> <p>OPK-2ID-2 Be able to use environmental factors and environmental laws in agricultural production; apply the achievements of modern microbiology and ecology of microorganisms in animal husbandry and veterinary medicine for the prevention of infectious and invasive diseases and treatment of animals; use environmental monitoring methods in the environmental expertise of agricultural facilities and the production of agricultural products, including: including using digital technologies; assess the impact of anthropogenic and economic factors on the animal body.</p> <p>OPK-2ID-3 Possess an idea of the origin of living organisms, the levels of organization of living matter, favorable</p>							
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		<p>and unfavorable factors affecting the body; the basis for studying the ecological knowledge of the surrounding world, the laws of development of nature and society; the skills of observation, comparative analysis, historical and experimental modeling of the impact of anthropogenic and economic factors on living objects, in particular including, with the use of digital technologies</p> <p>, OPK-4 is able to use in professional activities methods for solving problems using modern equipment in the development of new technologies and use modern professional methodology for conducting experimental research and interpreting their results</p> <p>OPK-4ID-1 Knows the technical capabilities of modern specialized equipment, methods for solving problems of professional activity.</p> <p>OPK-4ID-2 Should be able to apply modern technologies, including digital ones, and research methods in professional activities, and interpret the results obtained.</p> <p>OPK-4ID-3 Master the skills of working with specialized equipment for the implementation of tasks set during research and development of new technologies, including digital</p> <p>OPK-5 He is able to draw up special documentation, analyze the results of professional activities and submit reporting documents using specialized databases</p> <p>of OPK-5ID-1 . He is able to apply new information technologies to solve tasks in his professional activities, work with specialized information databases.</p>								
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			<p>OPK-5ID-2 Master the skills of working with the operating system, with text and table processors, with database management systems, with information and search engines on the Internet.</p> <p>OPK-5ID-3 To know new information technologies for solving tasks in their professional activities, to work with specialized information databases.</p> <p>C) Professional competencies</p> <p>PC-9 Development of recommendations for special feeding of sick animals for therapeutic purposes</p> <p>PC-9ID-1 Know the types of dietary regimes, principles of feed selection using digital technologies, norms, feeding regimes in animal diet therapy</p> <p>PC-15 Organization of organizational, technical, zootechnical and veterinary measures aimed at the prevention of non-infectious diseases in accordance with the plan for the prevention of non-infectious animal diseases, analysis of the effectiveness of measures for the prevention of animal diseases in order to improve them</p> <p>PC-15ID-1 Be able to assess the impact of conditions for keeping and feeding animals on their health as part of the implementation of action plans for the prevention of animal diseases using digital technologies</p> <p>PC-15ID-2 measures and methods of their implementation, including using digital technologies</p> <p>PC-15ID-3 Be able to carry out veterinary quality control and preparation of animal feed in order to ensure their veterinary and sanitary safety within the</p>									
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			<p>framework of implementing action plans for the prevention of animal diseases</p> <p>PC-15ID-5 Know the types of measures for the prevention of non-infectious animal diseases and metabolic disorders in animals and requirements for their implementation in accordance with methodological guidelines, instructions, instructions, rules for diagnosis, prevention and treatment of animals</p>							
			<p>A) Educational competencies</p> <p>CC-1 is able to carry out critical analysis of problem situations based on a systematic approach, develop a strategy for actions</p> <p>of CC-1ID-1 Know the methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis.</p> <p>CC-1ID-2 To be able to acquire new knowledge based on analysis, synthesis, etc.; to collect and summarize data on current scientific problems related to the professional field; to search for information and solutions based on actions, experiments, experience, information and communication technologies.</p> <p>UK-1ID-3 Master the study of the problem of professional activity using analysis, synthesis and other methods of intellectual activity, including the use of information and communication technologies; identifying problems and using adequate methods to solve them; demonstrating value judgments in solving problematic professional situations.</p> <p>UK-4 is able to apply modern communication technologies, including in</p>	18/0. 5	5	1	13	10	4	

			<p>a foreign language(s), for academic and professional interaction</p> <p>UK-4ID-1 Know computer and information and communication technologies, information and digital infrastructure in the organization; communication in professional ethics; factors for improving communication in the organization, communication technologies in professional interaction; characteristics of communication flows; the importance of communication in professional interaction; methods for studying the communicative potential of an individual; modern means of information and communication technologies.</p> <p>UK-4ID-2 To be able to create written texts of scientific and official-business speech styles on professional issues in Russian and foreign languages; to study the passage of information on managerial communications; to determine internal communications in the organization, including using digital technologies.</p> <p>UK-4ID-3 Master the principles of forming a communication system; analyze the system of communication links in the organization by performing oral and written communications, including in a foreign language; presenting plans and results of their own and team activities using communication technologies; technology for building effective communication in the organization; transfer of professional information in information and telecommunications networks using the following methods: modern means of information and communication technologies.</p>								
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			<p>UK-6 is able to determine and implement the priorities of its own activities and ways to improve it on the basis of self-assessment and lifelong education</p> <p>UK-6ID-1 Know the content of self-organization and self-education processes, their features and implementation technologies, based on the goals of improving professional activity.</p> <p>UK-6ID-2 To be able to independently build the process of mastering selected and structured information, including using digital technologies.</p> <p>UK-6ID-3 Master the techniques of self-regulation of psychoemotional and functional states.</p> <p>UK-7 is able to maintain the proper level of physical fitness to ensure full-fledged social and professional activities</p> <p>UK-7ID-2 is able to select and apply methods and means of physical culture to improve basic physical qualities.</p> <p>UK-7ID-3 Master the methods and means of physical culture to ensure full-fledged social and professional activities.</p> <p>UK-8 Able to create and maintain safe living conditions, including in the event of emergencies</p> <p>UK-8ID-1 Know the consequences of exposure to harmful and dangerous factors on the body of animals, humans and the natural environment, methods and methods of protection from emergencies and military conflicts; basics of life safety, phone numbers of rescue services.</p> <p>UK-8ID-2 To be able to identify signs, causes and conditions of emergency situations and military conflicts; to assess the likelihood of a potential danger to the</p>								
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			<p>student and take measures to prevent it in an educational institution; to provide first aid in emergency situations.</p> <p>UK-8ID-3 Possess security skills in the "human-animal - habitat" system. Possess methods for predicting the occurrence of dangerous or emergency situations; skills in maintaining safe living conditions, including on the basis of digital technologies.</p> <p>B) General professional competencies</p> <p>OPK-1 is able to determine the biological status and regulatory clinical indicators of animal organs and body systems</p> <p>OPK-1ID-1 Knows safety techniques and personal hygiene rules when examining animals, how to fix them; schemes for clinical research of an animal and the procedure for studying individual body systems, including using digital technologies; methodology recognition of a pathological process.</p> <p>OPK-1ID-2 is able to collect and analyze anamnestic data, conduct laboratory and functional studies using digital computer technologies necessary to determine the biological status of animals.</p> <p>OPK-1ID-3 Possess practical skills in conducting an independent clinical examination of an animal using classical research methods and digital technologies.</p> <p>OPK-2 Able to interpret and evaluate in professional activity the influence of natural, socio-economic, genetic and economic factors on the physiological state of the animal body</p>							
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			<p>OPK-2ID-1 To know environmental factors of the environment, their classification and the nature of relationships with living organisms; basic ecological concepts, terms and laws of bioecology; interspecific relations of animals and plants, predator, etc. victims, parasites and hosts; ecological features of some types of pathogenic microorganisms; mechanisms of influence of anthropogenic and economic factors on the animal body.</p> <p>OPK-2ID-2 Be able to use environmental factors and environmental laws in agricultural production; apply the achievements of modern microbiology and ecology of microorganisms in animal husbandry and veterinary medicine for the prevention of infectious and invasive diseases and treatment of animals; use environmental monitoring methods in the environmental expertise of agricultural facilities and the production of agricultural products, including: including using digital technologies; assess the impact of anthropogenic and economic factors on the animal body.</p> <p>OPK-2ID-3 Possess an idea of the origin of living organisms, the levels of organization of living matter, favorable and unfavorable factors affecting the body; the basis for studying the ecological knowledge of the surrounding world, the laws of development of nature and society; the skills of observation, comparative analysis, historical and experimental modeling of the impact of anthropogenic and economic factors on living objects, in particular including, with the use of digital technologies</p>								
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			<p>, OPK-4 is able to use in professional activities methods for solving problems using modern equipment in the development of new technologies and use modern professional methodology for conducting experimental research and interpreting their results</p> <p>OPK-4ID-1 Knows the technical capabilities of modern specialized equipment, methods for solving problems of professional activity.</p> <p>OPK-4ID-2 Should be able to apply modern technologies, including digital ones, and research methods in professional activities, and interpret the results obtained.</p> <p>OPK-4ID-3 Master the skills of working with specialized equipment for the implementation of tasks set during research and development of new technologies, including digital</p> <p>OPK-5 He is able to draw up special documentation, analyze the results of professional activities and submit reporting documents using specialized databases</p> <p>of OPK-5ID-1 . He is able to apply new information technologies to solve tasks in his professional activities, work with specialized information databases.</p> <p>OPK-5ID-2 Master the skills of working with the operating system, with text and table processors, with database management systems, with information and search engines on the Internet.</p> <p>OPK-5ID-3 To know new information technologies for solving tasks in their professional activities, to work with specialized information databases.</p> <p>C) Professional competencies</p>								
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			<p>PC-9 Development of recommendations for special feeding of sick animals for therapeutic purposes</p> <p>PC-9ID-1 Know the types of dietary regimes, principles of feed selection using digital technologies, norms, feeding regimes in animal diet therapy</p> <p>PC-15 Organization of organizational, technical, zootechnical and veterinary measures aimed at the prevention of non-infectious diseases in accordance with the plan for the prevention of non-infectious animal diseases, analysis of the effectiveness of measures for the prevention of animal diseases in order to improve them</p> <p>PC-15ID-1 Be able to assess the impact of conditions for keeping and feeding animals on their health as part of the implementation of action plans for the prevention of animal diseases using digital technologies</p> <p>PC-15ID-2 measures and methods of their implementation, including using digital technologies</p> <p>PC-15ID-3 Be able to carry out veterinary quality control and preparation of animal feed in order to ensure their veterinary and sanitary safety within the framework of implementing action plans for the prevention of animal diseases</p> <p>PC-15ID-5 Know the types of measures for the prevention of non-infectious animal diseases and metabolic disorders in animals and requirements for their implementation in accordance with methodological guidelines, instructions, instructions, rules for diagnosis, prevention and treatment of animals</p>								
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TOTAL:		216\6	60	12	156	120		
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7 Content of educational general professional practice

7.1. Content of general professional practice in the discipline "Botany with the basics of feed production"

During the general professional practice, students reveal questions on:

- taxonomy of medicinal and poisonous plants;
- structure and main active substances of medicinal plants;
- optimal time for collecting medicinal raw materials and manufacturing basic dosage forms;
- the method of geobotanical description of the area.

7.2. Content of general professional practice in the discipline "Biology with the basics of ecology"

During the general professional practice, students reveal questions on:

- general laws and specific features of the structure of animals in the age aspect.
- diversity of living organisms, taking into account the level of organization;
- origin and development of life;
- dialectical character of biological phenomena, universality of connections in nature;
- environmental laws as a complex regulating the interaction of nature and society;

7.3. Content of general professional practice in the discipline "Animal Anatomy"

During the general professional practice, students reveal questions on:

- methods for assessing the topography of organs and systems of the body;
- features of the structure of somatic systems of various animal species;
- features of the structure of visceral systems of various animal species;
- features of working with cadaveric material.

7.4. Content of general professional practice in the discipline "Veterinary genetics and animal husbandry"

1. Study of the state of animal husbandry and breeding on the farm:

- livestock, pedigree, productivity (milk yield per forage cow, highest daily milk yield, percentage of fat in milk, yield of one piglet per sow per year, average egg production of chickens);
- production technology on livestock farms. Placement of livestock by gender and age groups. Description of the on-line shop production system (if it is used on the farm);
- organization and maintenance of production breeding records on the farm. Individual tagging system, keeping a log of slush and brood stock of brood stock and a log of rearing young animals for all types of animals;
- product accounting. Filling out breeding and production cards. Summary bonus statement. Registration of breeding certificates for pedigree animals sold.

2. Familiarization with the procedure for working on livestock farms:

- features of working on a dairy farm (organization of work on the farm, daily routine, cyclogram, livestock reproduction system);
- features of work in the maternity ward of a dairy farm (organization of work, daily routine, reception of newborns, weighing, individual labeling of offspring, registration of a certificate of offspring, filling out individual cards and participation in current accounting);
- features of work in the calf house (organization of work, daily routine, composition of employees and their duties);

- features of working in a dairy (organization of work, equipment of the dairy);
- features of working on a pig farm (organization of work, cyclogram, livestock reproduction system);
- features of working at a poultry farm (organization of work in various workshops, familiarization with accounting forms).

7.5. Content of general professional practice in the discipline "Animal feeding"

1. Get acquainted with the farm's pastures. To characterize the botanical composition of pastures and their yield.
2. Get acquainted with the technology of preparing forage on the farm (hay, straw, silage, haylage, grass flour, grass cutting, coniferous, hay flour, etc.) and methods of cultivating grain and legumes, as well as root crops.
3. Get acquainted with the methods of preparing feed for feeding, increasing their nutritional value and palatability.
4. Get acquainted with the methods of storing feed on the farm and methods of selecting an average sample.
5. Get acquainted with the type and technique of feeding farm animals and poultry on the farm: lactating (according to lactation phases), pregnant and dry cows, calves, young animals on fattening, pregnant and lactating sows, suckling pigs, weaners, breeding boars, young animals on fattening, broiler chickens, laying hens.
6. To study the norms and methods of feeding various biologically active additives and premixes, mixed feeds and their formulation.

7.6. Content of general professional practice in the discipline "Pathological physiology"

1. Get acquainted with the method of examination of the animal and the progress of collecting anamnesis.
2. Follow the logic of diagnosis and treatment.
3. Using the example of a specific animal, demonstrate causal relationships and the formation of a vicious circle of pathogenesis.
4. Follow the periods of development of the disease on the example of a specific animal and characterize the possible outcomes of its disease

8. FORMS OF REPORTING ON EDUCATIONAL GENERAL PROFESSIONAL PRACTICE

The completed work on mastering the program of general professional training practice should be presented in detail to students in the diary and practice report. The diary is filled out by the student every day with a detailed description of the work done in the appropriate form.

Diary form

Date	Non /	a Description of the work performed	Results of the work done	Notes (Marks of the head of the practice)
1	2	3	4	5

In the practice report, a student of the 1st year of full-time education, 2nd year of full-time and part-time education should submit materials on such disciplines as botany with the basics of feed production, biology with the basics of ecology and animal anatomy, revealing the content of

the practice. In addition, the report on general professional practice implies the preparation and provision of a herbarium, animal collection and anatomical preparation to the relevant department.

In the practice report, students of the 2nd year of full-time education, 3rd year of full-time and part-time education should submit materials on such disciplines as pathological physiology, veterinary genetics and animal husbandry, animal feeding.

The practice report should be issued in electronic format and then printed out or filled out by hand, on A4 sheets, in accordance with the established requirements (Size and font type: Font size 14, font type Times New Roman, underline, use of bold is not recommended. Page margins: Left indent – 3 cm, Right indent – 2 cm, Top and bottom indent – 2 cm. Paragraph indent – 1.25 cm.)

Protection of diaries and reports on practice is carried out at a meeting of the supervising department. Based on the results of defending the practice report, students are certified in the form of an undifferentiated test.

Implementation of the internship program, keeping a diary, preparation and protection of the internship report can be carried out using distance learning technologies.

9. LIST OF EDUCATIONAL LITERATURE AND INTERNET RESOURCES REQUIRED FOR MASTERING THE INTERNSHIP PROGRAM

9.1. Basic literature

1. Dog's anatomy. Visceral systems (Splanchnology): textbook / N. A. Slesarenko, A. E. Serbsky, N. V. Babichev, A. I. Torba. - Saint Petersburg: Lan, 2024. - 88 p. - ISBN 5-8114-0528-6. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/642> (accessed June 24, 2024).
2. Badanova E. V., Telenkov V. N., Markova M. V. Atlas of the muscles of the axial and peripheral skeleton of a dog : a textbook. - Omsk : Omsk State Agrarian University, 2018. - 49 p. - ISBN 978-5-89764-738-5. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/111401> (accessed June 24, 2024).
3. Badanova E. V., Markova M. V., Telenkov V. N. Musiki oseвого i perifericheskogo skeleta sobaki: praktikum : uchebnoe posobie [Muscles of the axial and peripheral skeleton of a dog: a practical guide]. - Omsk : Omsk State Agrarian University, 2017. - 50 p. - ISBN 978-5-89764-638-8. - Text: electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/102189> (accessed June 24, 2024).
4. Blokhin G. I., Blokhina T. V. Praktikum po zoologii : uchebnoe posobie [Practical work in zoology: a textbook]. Saint Petersburg: Lan Publ., 2018. 296 p. ISBN 978-5-8114-3228-8. Text: Electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/109607> (accessed June 24, 2024).
5. Veterinary toxicology : 2019-08-27 / compiled by E. G. Yakovleva. Belgorod : Gorin State Agricultural Academy, 2017, 73 p. (in Russian) - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/123357> (accessed June 24, 2024).
6. Dauda, T. A. Zoology of invertebrates : a textbook / T. A. Dauda, A. G. Koshchaev. - 3rd ed., ster. Saint Petersburg: Lan Publ., 2014, 208 p. ISBN 978-5-8114-1707-0. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/53678> (accessed June 24, 2024).
7. Dauda T. A., Koshchaev A. G. Zoology of vertebrates : a textbook / T. A. Dauda, A. G. Koshchaev. — 3rd ed., ster. Saint Petersburg: Lan Publ., 2014, 224 p. ISBN 978-5-8114-1708-7. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/53679> (accessed June 24, 2024).
8. Dauda T. A., Koshchaev A. G. Praktikum po zoologii : uchebnoe posobie [Practical work in zoology: a textbook]. Saint Petersburg: Lan Publ., 2014, 320 p. ISBN 978-5-8114-1709-

4. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/53677> (accessed June 24, 2024).
9. Dauda T. A., Koshchaev A. G. *Ekologiya zhivotnykh : uchebnoe posobie* [Ecology of animals: a textbook]. Saint Petersburg: Lan Publ., 2015, 272 p. ISBN 978-5-8114-1726-1. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/56164> (accessed June 24, 2024).
10. Zelenevsky N. V., Shchipakin M. V. *Anatomiya zhivotnykh : uchebnik* [Animal Anatomy: textbook]. St. Petersburg: Lan Publ., 2018, 484 p. ISBN 978-5-8114-3268-4. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/107929> (accessed June 24, 2024).
11. Zelenevsky N. V., Zelenevsky K. N. *Anatomiya zhivotnykh : uchebnoe posobie* [Animal Anatomy: a textbook]. Saint Petersburg: Lan Publ., 2014, 848 p. ISBN 978-5-8114-1645-5. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/52008> (accessed June 24, 2024).
12. Karmanova E. P., Bolgov A. E., Mityutko V. I. *Praktikum po genetike : uchebnoe posobie* [Practice on genetics: a textbook]. Saint Petersburg: Lan Publ., 2018, 228 p. ISBN 978-5-8114-2897-7. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/104872> (accessed June 24, 2024).
13. Kiseleva L. V., Kozhevnikova O. P. *Kormoproizvodstvo : metodicheskie napravleniya* [Feed production: methodological guidelines]. Samara : SamGAU Publ., 2018, 36 p. (in Russian) - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/123531> (accessed June 24, 2024).
14. Nikolaev S. I., Cheprasova O. V., Struk V. N. *Kormlenie sel'skikh zhivotnykh : uchebno-metodicheskoe posobie* [Feeding farm animals : an educational and methodical manual]. Volgograd: Volgogradsky GAU, 2018, 80 p. (in Russian). - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/112342> (accessed June 24, 2024).
15. Medicinal and poisonous plants : methodological guidelines / compiled by V. A. Kornilova. Samara : SamGAU Publ., 2019, 26 p. (in Russian) - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/123532> (accessed June 24, 2024).
16. Pathological physiology and pathological anatomy of animals: textbook / A.V. Zharov, L. N. Adamushkina, T. V. Loseva, A. P. Strelnikov; edited by A.V. Zharov. - 6th ed., ster. Saint Petersburg: Lan Publ., 2024, 416 p. ISBN 978-5-8114-4750-3. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/126148> (accessed June 24, 2024).
17. Savinkov A.V., Meshkov V. M. *Patologicheskaya fiziologiya : uchebnoe posobie* [Pathological physiology: a textbook]. Samara : SamGAU Publ., 2018, 188 p. ISBN 978-5-88575-519-1. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/111866> (accessed June 24, 2024).
18. Medetkhanov F. A., Ovsyannikov A. P., Khairullin D. D., Mullakaeva L. A. *Tekhnologiya izgotovleniya lekarstvennykh formov : 2019-08-14* [Technology of manufacturing medicinal forms: 2019-08-14]. Kazan: KGAVM im. Bauman Publ., 2016, 123 p. (in Russian) - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/122954> (accessed June 24, 2024).
19. Tunikov G. M., Korovushkin A. A. *Razvedenie zhivotnykh s osnovami chastnoy zootehnii : uchebnik* [Animal breeding with the basics of private zootechnics: textbook]. - St. Petersburg: Lan, 2017. - 744 p — - ISBN 978-5-8114-1850-3. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/91279> (accessed June 24, 2024).
20. Ukolov P. I., Sharaskina O. G., Mukiy Yu. V. *Izuchenie eksteryera sobak i metody ego otsenki* [Studying the exterior of dogs and methods of its evaluation]. Saint Petersburg:

SPbGAVM Publ., 2015, 35 p. (in Russian) // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/121322> (accessed June 24, 2024).

9.2. Additional literature

1. Morphology of the venous system of the acropodium of cattle : a monograph / R. H. Baimishev, D. Sh. Kashina. Samara : SamGAU Publ., 2018, 165 p. ISBN 978-5-88575-509-2. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/109431> (accessed June 24, 2024).
2. Vasiliev, Yu. G., Troshin, E. I., and Berestov, D. S. Tests in pathological physiology : an educational and methodical manual. Saint Petersburg: Lan Publ., 2015, 400 p. ISBN 978-5-8114-1810-7. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/58163> (accessed June 24, 2024).
3. Doronicheva A. N., Firsov G. M. Klinicheskaya anatomiya : uchebnoe posobie [Clinical anatomy: a textbook]. Volgograd : Volgogradsky GAU Publ., 2016, 104 p. (in Russian) - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/100788> (accessed June 24, 2024).
4. Zelenevsky N. V., Shchipakin M. V., Zelenevsky K. N. Anatomiya i fiziologiya zhivotnykh : uchebnik [Animal Anatomy and physiology: textbook]. Saint Petersburg: Lan Publ., 2019, 368 p. ISBN 978-5-8114-1993-7. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/112059> (accessed June 24, 2024).
5. Zelenevsky, N. V. International veterinary anatomical nomenclature in Latin and Russian. Nomina Anatomica Veterinaria : a textbook / N. V. Zelenevsky. - Saint Petersburg: Lan, 2022. - 400 p. - ISBN 978-5-8114-1492-5. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/5706> (accessed June 24, 2024).
6. Klimov A. F., Akaevsky A. I. Anatomiya domashnykh zhivotnykh : uchebnik [Anatomy of domestic animals: textbook]. - 8th ed. - Saint Petersburg: Lan, 2022. - 1040 p. - ISBN 978-5-8114-0493-3. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/567> (accessed June 24, 2024).
7. Korolev B. A., Sidorova K. A. Phytotoxicosis of domestic animals : textbook / B. A. Korolev, K. A. Sidorova. - 2nd ed., reprint. and add-ons. Saint Petersburg: Lan Publ., 2014, 352 p. ISBN 978-5-8114-1589-2. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/41016> (accessed June 24, 2024).
8. Markova M. V. Anatomiya zhivotnykh : uchebnoe posobie [Animal Anatomy: a textbook]. - Omsk : Omsk State Agrarian University, 2018. - 129 p. - ISBN 978-5-89764-737-8. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/111404> (accessed June 24, 2024).
9. Fundamentals of general and veterinary ecology. Sakhno N. V., Timokhin O. V., Vatnikov Yu. A., Tutkyshbay I. A. Tekhnogennye bolezni zhivotnykh : uchebnoe posobie [Technogenic diseases of animals: a textbook]. Saint Petersburg: Lan Publ., 2017, 372 p. ISBN 978-5-8114-2648-5. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/95146> (accessed June 24, 2024).
10. Pereryadkina S. P., Ushakov M. A., Bakanova K. A. Biologiya razmozheniya : uchebnoe posobie [Biology of reproduction: a textbook]. Volgograd : Volgogradsky GAU Publ., 2016, 88 p. (in Russian) - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/100802> (accessed June 24, 2024).
11. Ryadnova, T. A. Veterinary pharmacology. Toxicology : a textbook / T. A. Ryadnova. - 2nd ed., add. Volgograd : Volgogradsky GAU Publ., 2015, 88 p. (in Russian) - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/76629> (accessed June 24, 2024).
12. Ryadnova, T. A. Veterinary pharmacology. Toxicology : an educational and methodical manual / T. A. Ryadnova. - 2nd ed., add. Volgograd : Volgogradsky GAU Publ., 2015,

68 p. (in Russian) - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/76624> (accessed June 24, 2024).

13. Ryadnova T. A. Toksikologiya : uchebno-metodicheskoe posobie [Toxicology: a training manual]. - 2nd ed., add. Volgograd : Volgogradsky GAU Publ., 2015, 84 p. (in Russian) - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/76625> (accessed June 24, 2024).

14. Sarychev N. G., Kravets V. V., Chernov L. L. Animal husbandry with the basics of general zoohygiene : a textbook / N. G. Sarychev, V. V. Kravets, L. L. Chernov. Saint Petersburg: Lan Publ., 2016, 352 p. ISBN 978-5-8114-1648-6. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/71729> (accessed June 24, 2024).

15. Slesarenko N. A., Kondratov G. V., Stepanishin V. V. Osnovy biologii raznozheniya i razvitiya : uchebno-metodicheskoe posobie [Fundamentals of reproduction and development biology: an educational and methodical manual]. Saint Petersburg: Lan Publ., 2018, 80 p. ISBN 978-5-8114-3543-2. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/110925> (accessed June 24, 2024).

16. Shchipakin M. V., Zelenevsky N. V., Prusakov A.V., Virunen S. V. Testy po anatomii zhivotnykh : uchebnoe posobie [Tests on animal anatomy: a textbook]. Saint Petersburg: Lan Publ., 2016, 256 p. ISBN 978-5-8114-2032-2. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/71740> (accessed June 24, 2024).

17. Fomenko, L. V. Anatomy of the cardiovascular system of animals : a textbook / L. V. Fomenko. - Omsk : Omsk State Agrarian University, 2016. - 83 p. - ISBN 978-5-89764-536-7. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/102871> (accessed June 24, 2024).

18. Khaziakhmetov F. S. Rational feeding of animals : a textbook / F. S. Khaziakhmetov, 3rd ed., ster. Saint Petersburg: Lan Publ., 2019, 364 p. ISBN 978-5-8114-4171-6. - Text : electronic // Electronic library system "Lan" : [website]. - URL: <https://e.lanbook.com/book/115666> (accessed June 24, 2024).

9.3. Internet resources

Students can use the following online resources for training:

1. <https://meduniver.com://meduniver.com> -Medical information site.
2. <http://vanat.cvm.umn.edu> -Animal Anatomy University of Minnesota.
3. <http://studvet.ru/> Veterinary portal.
4. [Veterinary medicine. rf](http://Veterinary.medicine.rf)
5. [Main veterinary portal of Russia](http://Main.veterinary.portal.of.Russia)
6. [Veterinary medicine](http://Veterinary.medicine)

9.4. Electronic library systems

1. [EBS "SPBGUVM"](#)
2. [EBS "Lan Publishing House"](#)
3. [EBS "Student's consultant"](#)
4. [ConsultantPlus Legal Reference System](#)
5. [University information system "RUSSIA"](#)
6. [Full-text database POLPRED.COM](#)
7. [Scientific Electronic Library ELIBRARY.RU](#)
8. [Russian Scientific Network](#)
9. [IQlib Electronic Library System](#)
10. [Database of International Science Citation Indexes Web of Science](#)

11. ProQuest AGRICULTURAL AND ENVIRONMENTAL SCIENCE DATABASE, a full-text interdisciplinary database for agricultural and environmental sciences ProQuest AGRICULTURAL AND ENVIRONMENTAL SCIENCE DATABASE

12. Electronic books published by Prospekt Nauki Publishing House <http://prospektnauki.ru/ebooks/>

13. Collection " Agriculture. Veterinary Medicine" by Kvadro Publishing House <http://www.iprbookshop.ru/586.html>

10. LIST OF INFORMATION TECHNOLOGIES USED IN THE PRACTICE, INCLUDING A LIST OF SOFTWARE AND INFORMATION REFERENCE SYSTEMS

10.1. Information technologies:

When performing the internship program, it is planned to use information technologies:

- ✓ interactive technologies (conducting dialogues, collective discussion of various approaches to solving a particular educational and professional task);
- ✓ interaction with students via e-mail;
- ✓ joint work in the Electronic information and Educational environment of St. Petersburg State University of Internal Affairs: <https://spbguvvm.ru/academy/eios/>

10.2. Software

List of licensed and freely distributed software, including those produced in Russia

Non /	a Name of technical and computer training tools recommended by sections and topics	License
1	MS PowerPoint	67580828
2	LibreOffice	free software
3	OS Alt Education 8	AAO. 0022. 00
4	ABIS "MARK-SQL"	02102014155
5	MS Windows 10	67580828
6	System ConsultantPlus	503 /KL
7	Android OS	free software

11. EDUCATIONAL WORK

As part of the implementation of the discipline, educational work is carried out to form a modern scientific worldview and a system of basic values, to form and develop spiritual and moral, civil and patriotic values, a system of aesthetic and ethical knowledge and values, attitudes of tolerant consciousness in society, to form students ' needs for work as the first vital necessity, the highest value and the main success in life, to realize the social significance of your future profession.

12. MATERIAL AND TECHNICAL BASE NECESSARY FOR CONDUCTING GENERAL PROFESSIONAL TRAINING PRACTICE

Educational general professional practice for students is conducted on the basis of state and non-state veterinary and scientific institutions, enterprises of the agro-industrial complex of the

city.St. Petersburg and Leningrad region, in other regions of the Russian Federation, as well as in the university's structural divisions.

For an integrated approach and development of the internship program, the university has the material and technical base and resources:

Name of the discipline (module), practices in accordance with the curriculum	Name of special premises and premises for independent work	Equipment of special premises and premises for independent work
General professional training practice	206 Large reading room (196084, St. Petersburg, Chernihiv str., 5) Room for independent work	<i>Specialized furniture:</i> tables, chairs <i>Technical training facilities:</i> computers with Internet connection and access to electronic information and educational environment
	214 Small reading room (5 Chernigovskaya Street, Saint Petersburg, 196084) Self-study room	<i>Specialized furniture:</i> tables, chairs <i>Technical training facilities:</i> computers with Internet connection and Internet connection access to the electronic information and educational environment
	324 Department of Information Technologies (5 Chernigovskaya Street, Saint Petersburg, 196084) Room for storage and preventive maintenance of educational equipment	<i>Specialized furniture:</i> tables, chairs, special equipment, materials and spare parts for preventive maintenance of technical training equipment
	Box No. 3 Carpentry workshop (196084 5, Chernihiv str., Saint Petersburg) Premises for storage and preventive maintenance of educational equipment	<i>Specialized furniture:</i> tables, chairs, special equipment, materials for preventive maintenance of specialized furniture

The working program was compiled by:

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