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Информация о владельце:

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Уникальный программный ключ:

Agrarian and Technological Institution

PRACTICE SYLLABUS

General professional practice

Industrial Practice

Recommended by the Methodological Council for the Education Field for Higher **Education Field/ Specialization:**

36.05.01. Veterinary

Practical training of students is carried out as part of the implementation of the main professional educational program of higher education (the Higher Education Program):

1. AIM OF THE PRACTICE

The purpose of the "General professional practice" is to acquire the skills of mastering the natural sciences useful and useful, taste in professional activities and deepening the level of theoretical and practical qualifications to perform professional tasks in accordance with the existing qualifications.

2. REQUIREMENTS FOR LEARNING OUTCOMES OF THE PRACTICE

Conducting "General professional practice" is aimed at developing students' competencies (parts of competencies):

Table 2.1. The list of competencies formed by students during practice (learning outcomes based on the results of practice)

Code	Competence	Competence achievement indicators
	-	(within this practice)
UC-1	The ability to carry out a critical analysis of problem situations	UC-1.1 Analyzes the task, highlighting its basic components
	based on a systematic approach, to develop an action strategy	UC-1.2 Determines and ranks the information required to solve the task
		UC-1.3 Searches for information to solve the task for various types of requests
		UC-1.4 Offers options for solving the problem, analyzes the possible consequences of their use
		UC-1.5 Analyzes ways to solve problems of an ideological, moral and personal nature based on the use of basic philosophical ideas and categories in their historical development and socio-cultural context
UC-2	Ability to manage a project at all stages of its life cycle	UC-2.1 Formulates a problem, the solution of which is directly related to the achievement of the project goal
		UC-2.2 Determines the links between the tasks set and the expected results of their solution UC-2.3 Within the framework of the tasks set,
		determines the available resources and restrictions, the current legal norms
		UC-2.4 Analyzes the schedule for the implementation of the project as a whole and chooses the best way to solve the tasks, based on the current legal regulations and available resources and restrictions
		UC-2.5 Controls the progress of the project, adjusts the schedule in accordance with the results of control
UC-3	Ability to organize and manage the work of a team, developing a team	UC-3.1 Determines his role in the team, based on the strategy of cooperation to achieve the goal
	strategy to achieve the goal	UC-3.2 Formulates and takes into account in its activities the behavioral characteristics of groups of people identified depending on the goal
		UC-3.3 Analyzes the possible consequences of personal actions and plans their actions to achieve a given result

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		MC-3.4 Sharing information, knowledge and experience with team members
		UC-3.5 Argues his point of view regarding the
		use of the ideas of other team members to achieve
		the goal
		UC-3.6 Participates in team work to complete
		assignments
UC-4	The ability to communicate in	UC-4.1 Chooses the style of business
	interpersonal and intercultural	communication, depending on the language of
	<u> </u>	communication, the purpose and conditions of
	interaction in Russian as a foreign	the partnership
	and foreign language(s) based on	UC-4.2 Adapts speech, communication style and
	the possession of interrelated and	
	interdependent types of	body language to interaction situations
	reproductive and productive	UC-4.3 Searches for the necessary information to
	foreign language speech	solve standard communication tasks in Russian
	activities, such as listening,	and foreign languages
	, ,	UC-4.4 Performs translation of professional texts
	speaking, reading, writing and	from a foreign language into Russian and vice
	translating in everyday life ,	versa
	sociocultural, educational,	UC-4.5 Conducts business correspondence in
	professional, official, business	Russian and foreign languages, taking into
	and scientific spheres of	account the peculiarities of the style of official
	communication	and unofficial letters and socio-cultural
		differences in the format of correspondence
		UC-4.6 Uses dialogue for cooperation in
		academic communication of communication,
		taking into account the personality of the
		interlocutors, their communicative-speech
		strategy and tactics, the degree of formality of the
		situation
		UC-4.7 Forms and argues own assessment of the
		main ideas of the participants in the dialogue
		(discussion) in accordance with the needs of joint
		activities
UC-5	Ability to analyze and take into	UC-5.1 Interprets the history of Russia in the
	account the diversity of cultures	context of world historical development
	in the process of intercultural	UC-5.2 Finds and uses information about the
	interaction	cultural characteristics and traditions of various
	Interaction	social groups in social and professional
		communication
		UC-5.3 Takes into account, in social and
		professional communication on a given topic, the
		historical heritage and socio-cultural traditions of
		various social groups, ethnic groups and
		confessions, including world religions,
		philosophical and ethical teachings
		UC-5.4 Collects information on a given topic,
		taking into account the ethnic groups and
		confessions that are most widely represented at
		the points of the study
		UC-5.5 Substantiates the features of project and
		team activities with representatives of other
		ethnic groups and (or) confessions
		UC-5.6 Adheres to the principles of non-
		discriminatory interaction in personal and mass
		communication in order to fulfill professional

		tasks and strengthen social integration
UC-6	The ability to determine and implement the priorities of one's own	UC-6.1 Controls the amount of time spent on specific activities
	activity and ways to improve it based on self-assessment and lifelong learning	UC-6.2 Develops tools and methods for time management when performing specific tasks, projects, goals
		UC-6.3 Analyzes its resources and their limits (personal, situational, temporary, etc.) for the successful completion of the task
		UC-6.4 Finds and uses sources of additional information to increase the level of general and professional knowledge
		UC-6.5 Analyzes the main opportunities and tools of lifelong education in relation to their own interests and needs, taking into account the conditions, means, personal opportunities, stages of career growth, time perspective for the
		development of activities and labor market requirements UC-6.6 Defines the tasks of self-development,
		goals and priorities of professional growth UC-6.7 Distributes tasks into long-, medium- and short-term ones with justification of relevance and analysis of resources for their implementation
UC-7	The ability to maintain the proper level of physical fitness to ensure full-fledged social and professional activities	UC-7.1 Selects health-saving technologies to maintain a healthy lifestyle, taking into account the physiological characteristics of the body; UC-7.2 Plans his working and free time for the optimal combination of physical and mental
		stress and ensuring efficiency; UC-7.3 Observes and promotes the norms of a healthy lifestyle in various life situations and in professional activities.
UC-8	The ability to create and maintain safe living conditions in everyday life and in professional activities to preserve the natural environment, ensure the sustainable development	UC-8.1 Analyzes the factors of harmful influence on the life of the elements of the environment (technical means, technological processes, materials, buildings and structures, natural and social phenomena)
	of society, including in the event of a threat and the occurrence of emergencies and military conflicts	UC-8.2 Identifies hazardous and harmful factors within the framework of the task being performed UC-8.3 Identifies and eliminates problems
		associated with safety violations in the workplace UC-8.4 Explains measures to prevent emergency situations
		UC-8.5 Clarifies the rules of conduct in the event of emergencies of natural and man-made origin, as well as in the event of military conflicts UC-8.6 Provides first aid, participates in
UC-10	The ability to make informed economic decisions in various areas of life	recovery activities UC-10.1 Understands the basic principles of the functioning of the economy and economic development, the goals of the form of state participation in the economy;

		UC-10.2 Applies methods of personal economic and financial planning to achieve current and long-term financial goals; UC-10.3 Uses financial instruments to manage personal finances (personal budget), controls their own economic and financial risks.
UC-12	The ability to search for the necessary sources of information and data, perceive, analyze, memorize and transmit information using digital means, as well as using algorithms when working with data obtained from various sources in order to effectively use the information received to solve problems; evaluate information, its reliability, build logical conclusions based on incoming information and data.	UC-12.1 Searches for the necessary sources of information and data, perceives, analyzes, memorizes and transmits information using digital means, as well as using algorithms when working with data received from various sources in order to effectively use the information received to solve problems UC-12.2 Evaluates information, its reliability, builds logical conclusions based on incoming information and data.
GPC-1	The ability to determine the biological status and normative clinical indicators of organs and systems of the animal body.	GPC-1.1 Knows the structure and functions of the main systems of the animal body, taking into account species characteristics GPC-1.2 Capable of predicting the expected violations of the biological status in case of suspected development of diseases GPC-1.3 Is able to determine the main indicators of the activity of individual body systems and draw conclusions about the presence of deviations from the normative values GPC-1.4 Skilled in taking samples of biological fluids and tissues for research, performing laboratory tests, interpreting research results.
GPC-2	The ability to interpret and evaluate in professional activities the impact on the physiological state of the animal organism of natural, socioeconomic, genetic and economic factors.	GPC-2.1 Has knowledge of the impact of natural, socio-economic, genetic and economic factors on the animal body GPC-2.2 Able to establish the presence and reliability of causal relationships between the impact of individual etiological factors on the animal's body and the development of diseases GPC-2.3 Owns methods of preventive and therapeutic correction of the impact of adverse environmental factors that can cause a deterioration in animal health
GPC-4	The ability to use in professional activities methods of solving problems using modern equipment in the development of new technologies and use modern professional methodology to conduct experimental studies and interpret their results.	GPC-4.1 Owns the conceptual and methodological apparatus of the basic natural sciences at a level sufficient for full-fledged professional activity at the modern level GPC-4.2 Owns methods for solving problems using modern equipment GPC-4.3 Ready to use modern methodology in the development and conduct of experimental studies GPC-4.4 Uses modern professional methodology when interpreting research results

GPC-5	The ability to draw up special documentation, analyze the results of professional activities and submit reporting documents using specialized databases. The ability to analyze, identify and	GPC-5.1 Has the skills to search for the necessary forms of documentation on official websites and specialized databases GPC-5.2 Proficient in professional terminology and skills in filling out analytical and reporting documents of a professional nature GPC-5.3 Able to use specialized software for analyzing the results of professional activities and compiling reporting documentation GPC-6.1 Has knowledge in the field of etiology
	carry out risk assessment of the risk of occurrence and spread of diseases.	and pathogenesis of animal diseases of different species GPC-6.2 Has the skills to diagnose non-contagious, infectious and parasitic diseases, identify pathogens of infectious and parasitic diseases in animals GPC-6.3 Knows the patterns of occurrence and spread of diseases in animal populations, factors predisposing to diseases and causes of possible complications
GPC-7	Able to understand the principles of operation of modern information technologies and use them to solve problems of professional activity.	GPC-7.1 Understands the principles of operation of modern computer equipment and telecommunications and knows how to use them to solve professional problems GPC-7.2 Uses modern special software and specialized databases to solve professional problems and perform job duties GPC-7.3 Has the skills to work on modern medical diagnostic and treatment equipment with software GPC-7.4 Uses specialized databases to solve professional problems in the field of diagnostics and treatment of animals of various species GPC-7.5 Uses geographic information systems and software systems in the collection and analysis of information related to the assessment of the spread of infectious diseases, epizootic situations, planning and evaluating the effectiveness of anti-epizootic measures
PC-1	The ability to collect an anamnesis of the life and disease of animals to identify the causes of diseases and their nature	PC-1.1 Able to collect an anamnesis of the animal's life and reflect this in the relevant service documentation PC-1.2 Able to collect anamnesis of the animal's disease and reflect it in the patient's medical history PC-1.3 Able to identify possible causes of disease in an animal, factors predisposing to the disease and concomitant conditions that affect the nature of the course of the disease and use this information when making a diagnosis
PC-2	Ability to conduct a general clinical study of animals in order to establish a preliminary diagnosis and determine a further research program, as well as in accordance with the plan of anti-epizootic	PC-2.1 Able to conduct a general clinical study of animals of different species in order to establish a preliminary diagnosis and determine a further research program PC-2.2 Able to conduct mass clinical trials of animals in accordance with the plan of anti-

	measures, the plan for the prevention of non-communicable animal diseases	epizootic measures, the plan for the prevention of non-communicable animal diseases
PC-3	Ability to develop animal research programs using special (instrumental) and laboratory methods	PC-3.1 Able to develop individual animal research programs, including the use of special (instrumental) and laboratory methods to detect deviations from the physiological norm of the state of a living organism, conduct differential diagnosis of the identified pathology or control the course of the disease and the effectiveness of the prescribed treatment PC-3.2 Able to develop mass comprehensive animal research programs (medical examination programs) of animals, taking into account their type and purpose, both general and special
PC-5	The ability to make a diagnosis based on the analysis of anamnesis data, general, special (instrumental) and laboratory research methods	PC-5.1 Able to diagnose patients of various types based on the analysis of anamnesis data, general, special (instrumental) and laboratory research methods PC-5.2 Able to predict the risks of diseases on the basis of anamnestic data, the results of general, special (instrumental) and laboratory studies
PC-6	Ability to develop a treatment plan for animals based on the established diagnosis and individual characteristics of animals	PC-6.1 Able to develop a treatment plan for animals based on the established diagnosis and individual characteristics of animals PC-6.2 Able to develop recommendations for therapeutic and prophylactic manipulations to prevent diseases, the high probability of which was revealed during the study of the patient PC-6.3 Able to develop recommendations for the implementation of preventive and therapeutic and therapeutic measures based on the results of animal examinations conducted as part of medical examination
PC-7	The ability to select the necessary drugs of a chemical and biological nature for the treatment of animals, taking into account their cumulative pharmacological effect on the body	PC-7.1 Able to select drugs of a chemical and biological nature necessary for the treatment of animals, guided by the principles of evidence-based medicine, taking into account their cumulative pharmacological effects on the body PC-7.2 Able to justify the prescription of a drug in a specific clinical case or the impossibility of using this drug in the situation under consideration PC-7.3 Able to calculate the dose, frequency and duration of the course of drug administration to the patient, taking into account the form of release and the characteristics of the administration of the drug to the patient PC-7.4 Able to take into account drug interactions when prescribing a course of treatment to an animal already receiving drugs and dietary supplements due to the presence of previously identified diseases PC-7.5 Able to take into account economic, species and age characteristics, as well as the

PC-8 Ability to choose methods of non- drug therapy, including physiotherapy methods for the treatment of animals PC-8.1 Able to choose and justify his choice of methods of non-drug therapy, including physiotherapy methods for the treatment of animals PC-8.2 Able to assess the effectiveness of the selected method in treating the patient and, if necessary, adjust the treatment method or change the selected method to another PC-9 The ability to conduct medical, including physiotherapy procedures using special equipment in compliance with safety rules PC-9.1 Able to carry out medical, including physiotherapy, procedures using special equipment in compliance with safety rules PC-9.2 Able to take into account the species, age and individual characteristics of animals undergoing treatment using special equipment, to choose acceptable methods of fixing the patient during the procedure, the conditions for the procedures and their duration PC-10.1 Able to determine the need for the use of surgical methods in the treatment of animals PC-10.2 Able to choose the optimal surgical method for the patient, taking into account terrand conditions and the status of the patient's body, and, if necessary, several manipulations their order and timing PC-10.3 Able to take into account the risks and possible complications accompanying surgical interventions and take measures to prevent them PC-11.1 Able to develop a plan for a surgical operation, including the choice of method of anesthesia PC-11.2 Able to choose and justify the best option for patient anesthesia during surgery and in the postoperative period PC-12.1 Able to prepare the room, equipment and consumables necessary for the surgical intervention, taking into account the requirements of asepsis and antisepsis PC-12.3 Able to prepare the operating team for surgical intervention, taking into account the requirements of asepsis and antisepsis			results of laboratory tests of the patient when
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PC-12.4 Able to assist the operating surgeon			requirements of asepsis and antisepsis
1 0			PC-12.4 Able to assist the operating surgeon
during surgical interventions			
PC-12.5 Able to carry out preventive and			
economic operations (including castration,			
dehorning, etc.) in farm animals and companion animals			
PC-12.6 Able to independently perform			
diagnostic and therapeutic operations in animals			
of different species, taking into account the			
species, age and individual characteristics of			
patients			-

PC-13	Ability to develop recommendations for special feeding of sick animals	PC-13.1 Able to justify the appointment of special feeding for an animal with a therapeutic
	for therapeutic purposes	purpose for various diseases PC-13.2 Able to recommend the approximate composition of therapeutic diets, the desired ratio
		of nutrients, the presence of special additives and components that enhance the therapeutic effect of the diet
		PC-13.3 Able to use special programs and databases for the selection of industrial therapeutic diets and dietary supplements, as well as for the preparation of individual therapeutic diets for animals of various species
PC-14	The ability to conduct repeated examinations and studies of animals to assess the effectiveness and safety of the prescribed treatment and	PC-14.1 Able to develop a plan for repeated studies necessary and sufficient to assess predicted changes in the patient's health status PC-14.2 Able to conduct a repeated clinical
	adjust the treatment plan for animals (if necessary) based on the results of	examination, taking into account the specifics of diseases previously diagnosed in a patient
	evaluating the effectiveness of treatment	PC-14.3 Able to conduct the necessary repeated instrumental and laboratory studies PC-14.4 Able to analyze the identified changes,
		evaluate the effectiveness of the treatment and, if necessary, correct the prescribed course of treatment.
PC-15	Ability to organize prophylactic immunizations (vaccinations), therapeutic and prophylactic treatment of animals in accordance with the plan of anti-epizootic	PC-15.1 Able to draw up individual and group plans for preventive immunizations (vaccinations) taking into account the epizootic situation in the territory where the animals are staying, the plan of anti-epizootic measures, as
	measures	well as state and regional veterinary and sanitary rules and requirements PC-15.2 Able to organize therapeutic and
		prophylactic treatment of animals in accordance with the plan of anti-epizootic measures, and also, if necessary, taking into account the real epizootic situation in the places of stay of animals, incl. in the conditions of agricultural production
PC-16	Ability to organize organizational, technical, zootechnical and veterinary measures aimed at the prevention of non-communicable diseases in accordance with the plan	PC-16.1 Able to assess the impact of the conditions of keeping and feeding animals on their health status as part of the implementation of action plans for the prevention of animal diseases
	for the prevention of non- communicable animal diseases	PC-16.2 Able to carry out veterinary quality control and procurement 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 PC-16.3 Able to detect deviations from the plan of terms, types, quality of measures to prevent the emergence of non-infectious animals
		PC-16.4 Take corrective measures to implement measures to prevent the occurrence of non-communicable animal diseases based on the results of control

		PC-16.5 Conduct conversations, lectures,
		seminars for employees of the organization in
		order to explain the principles of work on the
		prevention of animal diseases
PC-17	Ability to organize disinfection and disinfestation of livestock buildings to ensure veterinary and sanitary well-being in accordance with the	PC-17.1 Capable of collecting and analyzing information necessary for organizing and planning veterinary and sanitary measures PC-17.2 Is able to select the optimal equipment,
	plan of veterinary and sanitary measures	consumables, and medicinal and disinfectant preparations necessary and safe enough for the
		conduct of veterinary and sanitary measures
		PC-17.3 Able to determine the procedure for disinfection, disinfestation, deratization and
		other veterinary and sanitary measures, taking into account the peculiarities of keeping animals,
		the technical characteristics of the premises and the epizootic situation
		PC-17.4 Capable of monitoring the results of
DC 10	The chilier to describe the described	veterinary and sanitary measures
PC-18	The ability to draw up a plan for the medical examination of animals,	PC-18.1 Able to draw up a plan for the medical examination of animals, general or specialized,
	taking into account their species and	taking into account their types and purpose
	purpose, to conduct medical	PC-18.2 Able to organize and conduct medical
	examinations, to develop	examinations according to the plan
	recommendations for conducting	PC-18.3 Able, based on the results of medical
	preventive and therapeutic and	examination, to give recommendations on the
	therapeutic measures based on the results of an examination of animals	implementation of preventive and therapeutic and therapeutic measures aimed at improving the
	conducted as part of the medical	health of a group of animals
	examination	See of the
PC-19	Ability to perform post-mortem	PC-19.1 Able to conduct a general examination
10-19	diagnostic examination of animals in	of animal corpses before autopsy
	order to establish pathological	PC-19.2 Capable of performing an autopsy of
	processes, diseases, causes of death	animal corpses using special tools and observing
		safety requirements
		PC-19.3 Able to establish the cause of death and
		pathoanatomical diagnosis in accordance with generally accepted criteria and classifications,
		lists of animal diseases
		PC-19.4 Able to document the results of the post-
		mortem diagnostic examination of the animal in
DC CC	Altition And I also I	the autopsy protocol
PC-20	Ability to develop an annual plan for anti-epizootic measures, a plan for	PC-20.1 Able to conduct an epizootological survey of an organization, territory
	the prevention of non-communicable	PC-20.2 Able to develop an annual plan for anti-
	animal diseases, a plan for veterinary	epizootic and anti-parasitic measures, a plan for
	and sanitary measures	the prevention of non-communicable animal
		diseases, a plan for veterinary and sanitary measures
		PC-20.3 Is able to analyze the effectiveness of
		animal disease prevention measures in order to
		improve them
PC-21	Ability to conduct inspections of the	PC-21.1 Able to detect deviations in the
	veterinary and sanitary condition and microclimate of livestock buildings	microclimate parameters in livestock buildings from the normative

	in accordance with the plan for anti- epizootic measures, the plan for the prevention of non-communicable animal diseases, the plan for veterinary and sanitary measures	PC-21.2 Able to detect violations of the veterinary and sanitary condition of livestock buildings, determine their cause and possible consequences PC-21.3 Able to use the information obtained from checking the veterinary and sanitary condition and the microclimate of livestock buildings for risk analysis of non-communicable, infectious and parasitic diseases
PC-22	Ability to organize measures to protect the organization from the introduction of infectious and parasitic diseases in accordance with the plan of anti-epizootic measures	PC-22.1 Able to assess the epizootic state of an organization (territory), identify risks and possible causes of epizootic foci, as well as factors affecting their spread in specific organizations, territories PC-22.2 Able to choose and apply the most effective measures to protect the organization from the introduction of infectious and parasitic diseases PC-22.3 Able to carry out operational monitoring of the effectiveness of ongoing activities
PC-23	Ability to analyze the effectiveness of animal disease prevention measures in order to improve them	PC-23.1 Capable of collecting and analyzing information, including veterinary statistics, necessary to assess the effectiveness of preventive anti-epizootic measures, prevention of non-communicable animal diseases, veterinary and sanitary measures PC-23.2 Able to evaluate the effectiveness of preventive measures taken and methods for their implementation, incl. using special software PC-23.3 Is able, based on the analysis, to make proposals for correcting measures for the prevention of animal diseases
PC-24	Ability and willingness to promote veterinary knowledge, including in the field of animal disease prevention	PC-24.1 Able to set goals in the field of promotion of veterinary knowledge, plan the strategy and tactics of upcoming events PC-24.2 Able to use computer and telecommunication facilities for the preparation and demonstration of materials used in the process of promotion of veterinary knowledge PC-24.3 Able to conduct conversations, lectures, seminars for employees of the organization in order to explain the principles of work on the prevention of animal diseases

3. PLACE OF PRACTICE IN THE STRUCTURE OF THE HIGHER EDUCATION PROGRAM

"General professional practice" refers to the part formed by the participants in educational relations.

As part of the Higher Education Program, students also master disciplines and / or other practices that contribute to the achievement of the planned learning outcomes based on the results of passing the "General professional practice".

Table 3.1. The list of components of the Higher Education Program that contribute to the achievement of the planned learning outcomes based on the results of the practice

Code	Competence	Previous	Subsequent
		disciplines/modules,	disciplines/modules,
		practices	practices
UC-1	The ability to carry out a	History	-
	critical analysis of problem	Philosophy	
	situations based on a	Life safety	
	systematic approach, to	Obstetrics, gynecology	
	develop an action strategy	and andrology	
		Internal non-	
		communicable diseases	
		general surgery	
		Private Veterinary	
		Surgery	
		Parasitology and	
		invasive diseases	
		Epizootology and	
		infectious diseases	
		Veterinary and sanitary	
		examination	
		Organization of	
		veterinary business	
		Maths	
		Fundamentals of Economics and	
		Economics and Management	
		Veterinary deontology	
		Fundamentals of	
		intellectual labor	
		Zoopsychology	
		Organization of state	
		veterinary supervision	
		Career Management	
		Space technologies in	
		the service of the agro-	
		industrial complex	
		Reconstructive surgery	
UC-2	Ability to manage a project at	Philosophy	-
	all stages of its life cycle	Organization of	
		veterinary business	
		Maths	
		Introduction to the	
		specialty	
		Fundamentals of	
		Economics and	
		Management	
		Veterinary deontology	
		Economics and	
		organization of	
		agricultural production	

			,
		Fundamentals of	
		intellectual work	
		Psychology of	
		personality and	
		professional self-	
		determination	
		Veterinary and	
		manufacturing	
		laboratories with design	
		basics	
		Career Management	
		Space technologies in	
		the service of the agro-	
		industrial complex	
UC-3	Ability to organize and	Law science	_
	manage the work of a team,	Life safety	
	developing a team strategy to	Operative surgery with	
	achieve the goal	topographic anatomy	
	werne to the gem	Internal non-	
		communicable diseases	
		general surgery	
		Private Veterinary	
		Surgery	
		Parasitology and	
		invasive diseases	
		Epizootology and	
		infectious diseases	
		Organization of	
		veterinary business	
		Maths	
		Fundamentals of	
		Rhetoric and	
		Communication	
		Introduction to the	
		specialty	
		Fundamentals of	
		Economics and	
		Management and	
		Veterinary sanitation	
		Veterinary deontology	
		Fundamentals of	
		intellectual labor	
		Psychology of	
		personality and	
		professional self-	
		determination	
		Fundamentals of social	
UC-4	The chility to communicate in	and legal knowledge	
UC-4	The ability to communicate in	Latin language Fundamentals of	-
	interpersonal and intercultural interaction in		
		Rhetoric and Communication	
	Russian as a foreign and	Communication	

		Veterinary deontology	
	the possession of interrelated	Foreign language	
	and interdependent types of	Russian as a foreign	
	reproductive and productive	language)	
	foreign language speech	Fundamentals of	
	activities, such as listening,	intellectual work	
	speaking, reading, writing	Communication	
	and translating in everyday	workshop	
	life , sociocultural,	Foreign language for	
	educational, professional,	special purposes	
	official, business and	Russian language for	
	scientific spheres of	special purposes	
	communication	Foreign language.	
		Translation of special	
		texts	
		Russian language.	
		Translation of special	
		texts	
		Foreign language.	
		Professional	
		communications	
		Russian language.	
		Professional	
		communications	
		Russian language	
UC-5	Ability to analyze and take	History	-
	into account the diversity of		
	cultures in the process of	Philosophy	
	intercultural interaction	Fundamentals of	
		Rhetoric and	
		Communication	
		Veterinary deontology	
		Foreign language	
		Russian as a foreign	
		language) Fundamentals of	
		intellectual work	
		Psychology of	
		personality and	
		professional self-	
		determination	
		Communication	
		workshop	
		Foreign language for	
		special purposes	
		Russian language for	
		special purposes	
		Foreign language.	
		i orcigii language.	
		Translation of special	

Russian	language.
Translation	of special
texts	_
Foreign	language.
Professional	88
communication	one
Russian	
Professional	language.
communication	ons
UC-6 The ability to determine and Philosophy	-
implement the priorities of Internal	non-
one's own activity and ways communicabl	e diseases
to improve it based on self- general surger	ry
assessment and lifelong Private	Veterinary
learning Surgery	
Epizootology	and
infectious disc	
Organization	of
veterinary bus	
Maths	
Introduction	to the
	to the
specialty	. 1
Veterinary de	
Fundamentals	
intellectual w	
Psychology	of
personality	and
professional	self-
determination	
Career Manag	-
Fundamentals	s of social
and legal know	wledge
Reconstructiv	_
UC-7 The ability to maintain the Life safety	_
proper level of physical Physical Culti	ure
fitness to ensure full-fledged Applied	physical
social and professional education	L72
activities Career Manag	pement
UC-8 The ability to create and History	54
maintain safe living Inorganic and	Analytical
conditions in everyday life Chemistry	Amaryticar
	sictor.
and in professional activities Organic chem	
to preserve the natural biological phy	
environment, ensure the Physical and	i colloidal
sustainable development of chemistry	
society, including in the event Life safety	
of a threat and the occurrence biological che	
of emergencies and military Veterinary mi	
conflicts and mycology	*
	/
Virology	and
Virology biotechnology	and

	Т	<u> </u>	
		Parasitology and	
		invasive diseases	
		Epizootology and	
		infectious diseases	
		Organization of	
		veterinary business	
		General and veterinary	
		ecology	
		Veterinary sanitation	
		Veterinary deontology	
		Laboratory diagnostics	
		of infectious and	
		parasitic diseases	
		Organization of state	
		veterinary supervision	
UC-10	The ability to make informed	Veterinary and sanitary	-
	economic decisions in	examination	
	various areas of life	Organization of	
		veterinary business	
		Maths	
		Fundamentals of	
		Economics and	
		Management	
		Economics and	
		organization of	
		agricultural production	
		Veterinary and	
		manufacturing	
		laboratories with design	
		basics	
UC-12	The ability to search for the	Law science	-
	_	Computer science	
	information and data,	1 2	
	perceive, analyze, memorize		
	and transmit information	Instrumental diagnostic	
	using digital means, as well	methods	
	as using algorithms when	Organization of	
	working with data obtained	veterinary business	
	from various sources in order	Forensic veterinary	
	to effectively use the	examination and autopsy	
	information received to solve	of animals	
	problems; evaluate	Maths	
	information, its reliability,	Veterinary deontology	
	build logical conclusions	Medicinal and poisonous	
	based on incoming	plants	
	information and data	Fundamentals of	
		intellectual labor	
		Psychology of	
		personality and	
		professional self-	
		determination	

GPK-1 The ability to determine the biological status and normative clinical indicators of organs and systems of the animal body GPK-1 The ability to determine the biological status and normative clinical indicators of organs and systems of the animal body GPK-1 The ability to determine the biological status and normative clinical indicators of organs and systems of the animal body GPK-1 The ability to determine the biological status and normative clinical indicators of organs and systems of the animal body GPK-1 The ability to determine the biological status and normative clinical indicators of organs and systems of the animal body GPK-1 The ability to determine the biological status and normative clinical indicators of organs and systems of the animal body GPK-1 The ability to determine the biological status and normative clinical indicators of infectious and parasitic diseases Veterinary and manufacturing laboratorics with design basics Diseases of bees and entomophages Fish pathology and aquaculture Anesthesiology, resuscitation and intensive care GPK-2 The ability to interpret and cvaluate in professional activities the impact on the physiological state of the by Veterinary genetics Veterinary microbiology Veterinary microbiology Veterinary microbiology Veterinary microbiology				
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economic factors

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Epizootology and				
infectious diseases				
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Veterinary and sanitary examination Organization of veterinary business Forensic veterinary examination and autopsy	
Organization of veterinary business Forensic veterinary	
veterinary business Forensic veterinary	
Forensic veterinary	
examination and autopsy	
of animals	
Veterinary deontology	
Economics and	
organization of	
agricultural production	
Clinical laboratory	
diagnostics	
Laboratory diagnostics of infectious and	
parasitic diseases	
Organization of state	
veterinary supervision	
Veterinary and	
manufacturing	
laboratories with design	
basics	
Anesthesiology,	
resuscitation and	
intensive care	
Dermatology	
Cardiology	
Endocrinology	
Nephrology	
GPK-6 Ability to analyze, identify Biology with the basics -	
and carry out a risk of ecology	
assessment of the risk of the Life safety	
emergence and spread of Veterinary microbiology	
diseases and mycology	
Virology and	
biotechnology	
Animal health and	
welfare	
Feeding animals with the	
basics of feed production	
Veterinary radiobiology	
Clinical diagnostics	
pathological anatomy	
Instrumental diagnostic	
methods	
Toxicology	
Obstetrics, gynecology	
and andrology	
Internal non-	
communicable diseases	
general surgery	

GPK-7	Able to understand the principles of operation of	ophthalmology Animal Dentistry Computer science	
		resuscitation and intensive care Veterinary	
		animals Anesthesiology,	
		Fish pathology and aquaculture Diseases of exotic	
		Diseases of bees and entomophages	
		Diseases of small animals Diseases of small pets	
		Diseases of productive animals Diseases of small	
		veterinary supervision Equine diseases	
		of infectious and parasitic diseases Organization of state	
		diagnostics Laboratory diagnostics	
		fodder plants animal health Clinical laboratory	
		Medicinal and poisonous plants	
		processing livestock products	
		ecology Veterinary sanitation Technology of	
		specialty General and veterinary	
		of animals Introduction to the	
		veterinary business Forensic veterinary examination and autopsy	
		examination Organization of	
		infectious diseases Veterinary and sanitary	
		invasive diseases Epizootology and	
		Private Veterinary Surgery Parasitology and	

	modern information technologies and use them to solve problems of professional activity	methods Organization of veterinary business Maths Fundamentals of intellectual work Clinical laboratory diagnostics Laboratory diagnostics of infectious and parasitic diseases Veterinary and manufacturing	
PC-1	The ability to collect an	laboratories with design basics Anesthesiology, resuscitation and intensive care Dermatology Cardiology Endocrinology Nephrology Reconstructive surgery Veterinary genetics	_
LC-1	anamnesis of the life and disease of animals to identify the causes of diseases and their nature	Physiology and ethology of animals Breeding with the basics of private zootechnics Animal health and welfare Feeding animals with the basics of feed production Clinical diagnostics Toxicology Obstetrics, gynecology and andrology Internal noncommunicable diseases general surgery Private Veterinary Surgery Parasitology and invasive diseases Epizootology and infectious diseases Fundamentals of Rhetoric and Communication Veterinary deontology Zoopsychology animal health	

		Psychology of	
		personality and	
		professional self-	
		determination	
		Equine diseases	
		Diseases of productive	
		animals	
		Diseases of small	
		animals	
		Diseases of small pets	
		Diseases of exotic	
		animals	
		Anesthesiology,	
		resuscitation and	
		intensive care	
		Dermatology	
		Cardiology	
		Endocrinology	
		Nephrology	
		Reconstructive surgery	
		Veterinary	
		ophthalmology	
		Animal Dentistry	
PC-2	Ability to conduct a company		
PC-2	Ability to conduct a general	Animal anatomy	-
	clinical study of animals in	Physiology and ethology	
	order to establish a	of animals	
	preliminary diagnosis and	pathological physiology	
	determine a further research	Clinical diagnostics	
	program, as well as in	pathological anatomy	
	accordance with the plan of	Obstetrics, gynecology	
	anti-epizootic measures, the	and andrology	
	plan for the prevention of	Diseases of bees and	
	non-communicable animal	entomophages	
	diseases	Fish pathology and	
		aquaculture	
		Anesthesiology,	
		resuscitation and	
		intensive care	
PC-3	Ability to develop animal	Animal anatomy	_
	research programs using	Organic chemistry	
	special (instrumental) and	biological physics	
	laboratory methods	Physical and colloidal	
	incorniory incinous	chemistry	
		biological chemistry	
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		Veterinary microbiology	
		and mycology	
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		and mycology Virology and biotechnology Physiology and ethology of animals	
		and mycology Virology and biotechnology Physiology and ethology	

		pathological anatomy	
		Instrumental diagnostic	
		methods	
		Toxicology	
		Obstetrics, gynecology	
		and andrology	
		Internal non-	
		communicable diseases	
		general surgery	
		Private Veterinary	
		Surgery	
		Parasitology and	
		invasive diseases	
		Epizootology and	
		infectious diseases	
		Immunology Veterinary deontology	
		Veterinary deontology Clinical laboratory	
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		diagnostics	
		Laboratory diagnostics of infectious and	
		parasitic diseases	
		Veterinary and	
		manufacturing	
		laboratories with design	
		basics	
		Equine diseases	
		Diseases of productive	
		animals	
		Diseases of small	
		animals	
		Diseases of small pets	
		Diseases of bees and	
		entomophages	
		Fish pathology and	
		aquaculture	
		Diseases of exotic	
		animals	
		Anesthesiology,	
		resuscitation and	
		intensive care	
		Dermatology	
		Cardiology	
		Endocrinology	
		Nephrology	
		Reconstructive surgery	
		Veterinary	
		ophthalmology	
		Animal Dentistry	
PC-5	The ability to make a	Veterinary genetics	-
	diagnosis based on the	Cytology, histology and	
	analysis of anamnesis data,	embryology	
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general, special (instrumental) and laboratory research methods Post of the properties of the properties of private zootechnies		1	Dhysialasy on dathalass	
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			Obstetrics, gynecology	
			and andrology	
			Internal non-	
			communicable diseases	
			general surgery	
			Private Veterinary	
			Surgery	
			Parasitology and	
			invasive diseases	
			Epizootology and	
			infectious diseases	
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			Immunology	
			Zoopsychology	
			Equine diseases	
			Diseases of productive	
			animals	
			Diseases of small	
			animals	
			Diseases of small pets	
			Diseases of bees and	
			entomophages	
			Fish pathology and	
			aquaculture	
			Diseases of exotic	
			animals	
			Anesthesiology,	
			resuscitation and	
			intensive care	
			Dermatology	
			Cardiology	
			Endocrinology	
			Nephrology	
			Reconstructive surgery	
			Veterinary	
			ophthalmology	
			Animal Dentistry	
PC-7	The ability to se		Inorganic and Analytical	-
	necessary drugs of a		Chemistry	
	and biological natur		Organic chemistry	
	treatment of animal	_	Physical and colloidal	
	into account their cu		chemistry	
	pharmacological effe	ect on the	biological chemistry	
	body		Veterinary microbiology	
			and mycology	

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	PC-8	1		-
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the treatment of animals biotechnology		the treatment of animals		
Physiology and ethology				
of animals				
Feeding animals with the				
basics of feed production				
pathological physiology			pathological physiology	
Veterinary radiobiology	1			

		Internal non-	
		communicable diseases	
		general surgery	
		Private Veterinary	
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		Surgery	
		Equine diseases	
		Diseases of productive	
		animals	
		Diseases of small	
		animals	
		Diseases of small pets	
		Diseases of exotic	
		animals	
		Anesthesiology,	
		resuscitation and	
		intensive care	
		Dermatology	
		Cardiology	
		Endocrinology	
		Nephrology	
		Reconstructive surgery	
		Veterinary	
		ophthalmology	
		Animal Dentistry	
PC-9	The ability to conduct	Animal anatomy	-
	medical, including	Life safety	
	physiotherapy procedures	Veterinary microbiology	
	using special equipment in	and mycology	
	compliance with safety rules	Virology and	
	j	biotechnology	
		Physiology and ethology	
		of animals	
		pathological physiology	
		Veterinary radiobiology	
		general surgery	
		Private Veterinary	
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		Reconstructive surgery	
		Veterinary	
		ophthalmology	
		Animal Dentistry	
PC-10	The ability to determine the	Veterinary genetics	-
	need for the use of surgical	Cytology, histology and	
	methods in the treatment of	embryology	
	animals	Veterinary microbiology	
	arminais	and mycology	
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		Physiology and ethology	
		of animals	
		pathological physiology	
		Clinical diagnostics	
		pathological anatomy	
		Obstetrics, gynecology	
		and andrology	
		general surgery	
		Private Veterinary	
		Surgery	
		Equine diseases	
		Diseases of productive	
		animals	
		Diseases of small	
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		Diseases of small pets	
		Diseases of exotic	
		animals	
		Dermatology	
		Cardiology	
		Endocrinology	
		Nephrology	
		Reconstructive surgery	
		Veterinary	
		ophthalmology	
		Animal Dentistry	
PC-11	Ability to develop a plan for the	Animal anatomy	-
	surgical operation, including	Veterinary	
	the choice of method of	Microbiology and	
	anesthesia	Mycology	
		Physiology and ethology	
		of animals	
		pathological physiology	
		Veterinary	
		pharmacology	
		pathological anatomy	
		Operative surgery with	
		topographic anatomy	
		Obstetrics, gynecology	
		and andrology	
		general surgery	
		Private Veterinary	
		Surgery	

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		Anesthesiology,	
		resuscitation and	
		intensive care	
		Dermatology	
		Cardiology	
		Endocrinology	
		Nephrology	
		Reconstructive surgery	
PC-12	The ability to conduct surgical	Pathological anatomy	
PC-12	intervention in the body of		-
		Operative surgery with	
	animals in the treatment of	topographic anatomy	
	various diseases, castration,	Obstetrics, gynecology	
	sterilization, for cosmetic	and andrology	
	purposes	Reconstructive surgery	
PC-13	Ability to develop	Physiology and ethology	-
	recommendations for special	of animals	
	feeding of sick animals for	Feeding animals with the	
	therapeutic purposes	basics of feed production	
		pathological physiology	
		Internal non-	
		communicable diseases	
		general surgery	
		Private Veterinary	
		Surgery	
		Medicinal and poisonous	
		plants	
		fodder plants	
		Anesthesiology,	
		resuscitation and	
		intensive care	
		Dermatology	
		Cardiology	
		Endocrinology	
		Nephrology	
PC-14	The ability to conduct		
PC-14	•	Cytology, histology and	-
	repeated examinations and	embryology	
	studies of animals to assess	Physiology and ethology	
	the effectiveness and safety	of animals	
	of the prescribed treatment	pathological physiology	
	and adjust the treatment plan	Veterinary	
	for animals (if necessary)	pharmacology	
	based on the results of	Clinical diagnostics	
	evaluating the effectiveness	pathological anatomy	
	of treatment	Instrumental diagnostic	
		methods	
		Toxicology	
		Obstetrics, gynecology	
		and andrology	
		Internal non-	
		communicable diseases	
		general surgery	

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		Private Veterinary	
		Surgery	
		Parasitology and	
		invasive diseases	
		Epizootology and	
		infectious diseases	
		Clinical laboratory	
		diagnostics	
		Equine diseases	
		Diseases of productive	
		animals	
		Diseases of small	
		animals	
		Diseases of small pets	
		Diseases of exotic	
		animals	
		Anesthesiology,	
		resuscitation and	
		intensive care	
		Dermatology	
		Cardiology	
		Endocrinology	
		Nephrology	
		Reconstructive surgery	
		Veterinary	
		ophthalmology	
		Animal Dentistry	
PC-15	Ability to organize prophylactic	Virology and	_
	immunizations (vaccinations),	Biotechnology	
	therapeutic and prophylactic	Parasitology and	
	treatment of animals in	invasive diseases	
	accordance with the plan of	Epizootology and	
	anti-epizootic measures	infectious diseases	
	and epizodic measures		
		Immunology Vatarinary sonitation	
		Veterinary sanitation	
		Diseases of bees and	
		entomophages	
		Fish pathology and	
		aquaculture	
PC-16	Ability to organize	Veterinary genetics	-
	organizational, technical,	Life safety	
	zootechnical and veterinary	Physiology and ethology	
	measures aimed at the	of animals	
	prevention of non-	Breeding with the basics	
	communicable diseases in	of private zootechnics	
	accordance with the plan for	Animal health and	
	the prevention of non-	welfare	
	communicable animal diseases	Feeding animals with the	
		basics of feed production	
		Obstetrics, gynecology	
		and andrology	
<u> </u>		and andrology	

	conduct medical examinations,	Breeding with the basics	
	to develop recommendations	of private zootechnics	
	for conducting preventive and	Animal health and	
	therapeutic and therapeutic	welfare	
	measures based on the results	Feeding animals with the	
	of an examination of animals	basics of feed production	
	conducted as part of the	pathological physiology	
	medical examination	Veterinary	
		pharmacology	
		Clinical diagnostics	
		pathological anatomy	
		Instrumental diagnostic	
		methods	
		Toxicology	
		Obstetrics, gynecology	
		and andrology	
		Internal non-	
		communicable diseases	
		general surgery	
		Private Veterinary	
		Surgery	
		animal health	
		Clinical laboratory	
		diagnostics	
		Equine diseases	
		Diseases of productive animals	
		Diseases of small	
		animals	
		Diseases of small pets	
		Diseases of exotic	
		animals	
		Dermatology	
		Cardiology	
		Endocrinology	
		Nephrology	
		Veterinary	
		ophthalmology	
		Animal Dentistry	
PC-19	Ability to perform post-	Animal anatomy	-
	mortem diagnostic	Cytology, histology and	
	examination of animals in	embryology	
	order to establish	Life safety	
	pathological processes,	pathological anatomy	
	diseases, causes of death	Toxicology Obstetrics, gynecology	
		and andrology	
		Internal non-	
		communicable diseases	
		general surgery	
		Private Veterinary	
		Surgery	
1	l		

		Parasitology and	
		invasive diseases	
		Epizootology and	
		infectious diseases	
		Veterinary and sanitary	
		examination	
		Forensic veterinary	
		examination and autopsy	
		of animals	
		Clinical laboratory	
		diagnostics	
		Laboratory diagnostics	
		of infectious and	
		parasitic diseases	
		Equine diseases	
		Diseases of productive animals	
		Diseases of small	
		animals	
		Diseases of bees and	
		entomophages	
		Fish pathology and	
		aquaculture	
		Diseases of exotic	
		animals	
		Dermatology	
		Cardiology	
		Endocrinology	
		Nephrology	
		Veterinary	
		ophthalmology Animal Dentistry	
PC-20	Ability to develop an annual	Veterinary	
r C-20	plan for anti-epizootic	Microbiology and	-
	measures, a plan for the	Mycology	
	prevention of non-	Animal health and	
	communicable animal diseases,	welfare	
	a plan for veterinary and	Feeding animals with the	
	sanitary measures	basics of feed production	
		Internal non-	
		communicable diseases	
		general surgery	
		Private Veterinary	
		Surgery	
		Parasitology and	
		invasive diseases	
		Epizootology and infectious diseases	
		Organization of	
		veterinary business	
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		Fundamentals of	
		Economics and	
		Management	
		Veterinary sanitation	
		Economics and	
		organization of	
		agricultural production	
		animal health	
		Diseases of bees and	
		entomophages	
		Fish pathology and	
		aquaculture	
PC-21	Ability to conduct inspections of	Veterinary	
1 C 21	the veterinary and sanitary	Microbiology and	-
	condition and microclimate of	Mycology	
	livestock buildings in	, , ,	
	accordance with the plan for	Virology and	
	anti-epizootic measures, the	Biotechnology	
	plan for the prevention of non-	Animal health and	
	communicable animal diseases,	welfare	
	the plan for veterinary and	Veterinary radiobiology	
	1	Veterinary sanitation	
	sanitary measures	animal health	
PC-22	Ability to organize measures	Life safety	-
	to protect the organization	Veterinary microbiology	
	from the introduction of	and mycology	
	infectious and parasitic	Virology and	
	diseases in accordance with	biotechnology	
	the plan of anti-epizootic	Animal health and	
	measures	welfare	
		Veterinary	
		pharmacology	
		Private Veterinary	
		Surgery	
		Parasitology and	
		invasive diseases	
		Epizootology and	
		infectious diseases	
		Organization of	
		veterinary business	
		General and veterinary	
		ecology	
		Veterinary sanitation	
		Technology of	
		processing livestock	
		products	
		animal health	
		Laboratory diagnostics	
		of infectious and	
		parasitic diseases	
		Organization of state	
		veterinary supervision	

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		Diseases of bees and	
		entomophages	
		Fish pathology and	
		aquaculture	
PC-23	Ability to analyze the	Breeding with the basics	-
	effectiveness of animal disease	of private zootechnics	
	prevention measures in order	Animal health and	
	to improve them	welfare	
		Toxicology	
		Internal non-	
		communicable diseases	
		general surgery	
		Private Veterinary	
		Surgery	
		Parasitology and	
		invasive diseases	
		Epizootology and	
		infectious diseases	
		Veterinary and sanitary	
		examination	
		U	
		veterinary business	
		Forensic veterinary	
		examination and autopsy	
		of animals	
		Fundamentals of	
		Economics and	
		Management	
		Veterinary sanitation	
		Economics and	
		organization of	
		agricultural production	
		animal health	
		Organization of state	
		veterinary supervision	
		Diseases of bees and	
		entomophages	
		Fish pathology and	
		aquaculture	
PC-24	Ability and willingness to	Physiology and ethology	-
	promote veterinary knowledge,	of animals	
	including in the field of animal	Breeding with the basics	
	disease prevention	of private zootechnics	
		Animal health and	
		welfare	
		Feeding animals with the	
		basics of feed production	
		pathological physiology	
		pathological anatomy	
		Toxicology	
		Obstetrics, gynecology	
		and andrology	

Internal communicable diseases general surgery Private Veterinary Surgery Parasitology and invasive diseases Epizootology and infectious diseases **Fundamentals** of Rhetoric and Communication Introduction to the specialty General and veterinary ecology Veterinary sanitation Veterinary deontology **Economics** and organization of agricultural production Medicinal and poisonous plants fodder plants Zoopsychology animal health Equine diseases Diseases of productive animals Diseases of small animals Diseases of small pets Diseases of bees and entomophages Fish pathology aquaculture Diseases of exotic animals Dermatology Cardiology Endocrinology Nephrology Reconstructive surgery Veterinary ophthalmology Animal Dentistry Foreign language special purposes Russian language for special purposes

Foreign language.
Translation of special
texts
Russian language.
Translation of special
texts
Foreign language.
Professional
communications
Russian language.
Professional
communications

4. WORKLOAD OF PRACTICE

The total workload of "General Professional Practice" is 9 credits (324 academic hours).

5. PRACTICE CONTENT

Table 5.1 Practice content *

Name of practice section	Contents of the section (topics, types, practical activities)	Workload, ac.h.
Section 1. General professional practice	Participation in the clinical reception and treatment of animals, surgical operations, mass research, etc.	140
	Participation in laboratory, visual, pathoanatomical diagnostics of animal diseases	140
	Filling out a practice diary	26
Preparation of a practice report		9
Preparation for the defense and defense of the practice report		9
	TOTAL:	324

^{* -} the content of the practice by sections and types of practical training is FULLY reflected in the trainee's report on practice.

6. EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Material and technical support for the practice, which meets the requirements of the order of the Rector of RUDN University No. 397-r dated April 9, 2021 "On approval and enforcement of the Regulations for ensuring labor protection and fire safety during practices" and instructions IOT No. 712-21 of RUDN University dated May 17, 2021 .2021 "On labor protection and fire safety during educational and production (including undergraduate and research) practices implemented at the Agrarian Technology Institute":

- Equipped workplaces based on practice;
- Equipment:
 - Means of immobilization and fixation of animals (looms, boosters, collars, yawners, etc.)

- Clinical diagnostic tools (stethoscopes, percussion hammers and plessimeters, electric flashlights, etc.)
- Equipment for visual diagnostics (ultrasound scanners, x-ray machines, arthroscopes, endoscopes, CT and MRI machines, etc.)
- Laboratory equipment (microscopes, centrifuges, analyzers, etc.)
- Anesthesia equipment
- Surgical equipment, etc.

7. PRACTICE METHODS

"General professional practice" can be carried out both in the structural divisions of the Peoples' Friendship University of Russia or in organizations of Moscow (stationary), and at bases located outside of Moscow (external).

Conducting a practice based on an external organization (outside the RUDN University) is carried out on the basis of an appropriate agreement, which specifies the terms, place and conditions for conducting an practice in the base organization.

The timing of the practice corresponds to the period specified in the calendar training schedule of the Higher Education Program. The timing of the practice can be adjusted upon agreement with the Department of Educational Policy and the Department for the organization of practices and employment of students at RUDN University.

8. FSC RECOMMENDED SOURCES FOR COURSE STUDIES

Main reading:

- 1. Obstetrics, gynecology and biotechnology of animal reproduction: textbook / A.
- P. Studentsov, V. S. Shipilov, V. Ya. Nikitin [and others]; edited by G. P. Dyulger.
- 10th ed., erased. St. Petersburg: Lan, 2020. 548 p. https://e.lanbook.com/book/129090
- 2. Badluev E.B., Eshizhamsoev B.D., Tsybikzhapov A.D. Obstetrics and gynecology of farm animals. Workbook for laboratory and practical classes and independent work: study guide 2019.-90s. https://e.lanbook.com/book/113386
- 3. Baymishev, Kh. B. Gynecology and andrology: guidelines / Kh. B. Baymishev. Samara: SamGAU, 2018. 106 p. https://e.lanbook.com/book/109422
- 4. Workshop on internal animal diseases: textbook / G. G. Shcherbakov, A. V. Yashin, A. P. Kurdeko [and others]; under the general editorship of G. G. Shcherbakov [and others]. 3rd ed., erased. St. Petersburg: Lan, 2020. 544 p. https://e.lanbook.com/book/139263
- 5. Nechaev, A. V. Internal non-communicable diseases: textbook / A. V. Nechaev, Yu. A. Kurlykova. Samara: SamGAU, 2020 Part 1: General prevention and

- 6. Dyulger, G. P. Fundamentals of veterinary science: a textbook for universities / G. P. Dyulger, G. P. Tabakov. 3rd ed., erased. St. Petersburg: Lan, 2020. 476 p. https://e.lanbook.com/book/146658
- 7. Epizootology with microbiology: textbook / A.S. Aliev, Yu.Yu. Danko, I.D. Yeshchenko [i dr.]; Ed. V.A. Kuzmin. 2nd ed., erased. St. Petersburg: Publishing house "Lan", 2017. 432 p. http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn FindDoc&id=465028&idb=0
- 8. Sidorchuk, A. A. General epizootology: a textbook for universities / A. A. Sidorchuk, V. A. Kuzmin, S. V. Alekseeva. 2nd ed., erased. St. Petersburg: Lan, 2021. 248 p. https://e.lanbook.com/book/156931
- 9. Epizootology with microbiology: a textbook for universities / A. S. Aliev, Yu. Yu. Danko, I. D. Yeshchenko [and others]; Edited by V. A. Kuzmin, A. V. Svyatkovsky. 6th, erased. St. Petersburg: Lan, 2021. 432 p. https://e.lanbook.com/book/162384
- 10. Skubko, O. R. Morphofunctional features and diseases of animal bones: textbook / O. R. Skubko, O. N. Shushakova. Omsk: Omsk State Agrarian University, 2020. 52 p. https://e.lanbook.com/book/136157
- 11. Operative surgery in animals: a textbook for universities / B. S. Semenov, V. N. Videnin, A. Yu. Nechaev [and others]. St. Petersburg: Lan, 2020. 704 p. https://e.lanbook.com/book/162365
- 12. Skubko, O. R. Methods of lectures of the academic discipline B1.B.23 "Operative surgery with topographic anatomy": a textbook / O. R. Skubko, G. A. Khonin, O. N. Shushakova. Omsk: Omsk State Agrarian University, 2019. 65 p. https://e.lanbook.com/book/126630
- 13. Latypov D.G. Protozoan animal diseases that are dangerous to humans (protozoan zoonoses): a textbook / D.G. Latypov, R.R. Timerbaeva, E.G. Kirillov. St. Petersburg: Publishing house "Lan", 2017. 208 p. http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn FindDoc&id=464930&idb=0
- 14. Latypov D.G. Animal helminthiases dangerous to humans: a textbook / D.G. Latypov. 3rd ed., revised. St. Petersburg: Publishing house "Lan", 2017. 440 p. http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn FindDoc&id=464941&idb=0
- 15. Latypov, D. G. Parasitology and invasion animal diseases: a textbook for sports / D. G. Latypov, R. R. Timerbaeva, E. G. Kirillov. 2nd ed., erased. St. Petersburg: Lan, 2021. 520 p. https://e.lanbook.com/book/159517
- 16. Yatusevich, A. I. Parasitology and invasive animal diseases: textbook / A. I. Yatusevich, N. F. Karasev, S. I. Stasyukevich. Minsk: RIPO, 2020. 266 p. https://e.lanbook.com/book/154220

- 17. Nikitin, I. N. Workshop on the organization of veterinary business: textbook / I. N. Nikitin. 4th ed., Rev. and additional St. Petersburg: Lan, 2020. 324 p. https://e.lanbook.com/book/131031
- 18. Nikitin, I. N. Legal support of veterinary activities: a textbook for sports / I. N. Nikitin. 2nd ed., erased. St. Petersburg: Lan, 2021. 212 p. https://e.lanbook.com/book/155692
- 19. Zabolotnykh M. V., Ivkova I. A., Zhidik I. Yu. Fundamentals of the organization of veterinary and sanitary business: textbook 2020.-91s
- 20. Nikitin, I. N. Veterinary clinic: textbook for universities / I. N. Nikitin, V. V. Ivanov, E. N. Trofimova. 2nd, erased. St. Petersburg: Lan, 2021. 184 p. https://e.lanbook.com/book/162385

Additional reading:

- 1. Obstetrics, gynecology and biotechnology of animal reproduction: textbook / A. P. Studentsov, V. S. Shipilov, V. Ya. Nikitin [and others]; edited by G. P. Dyulger. 10th ed., erased. St. Petersburg: Lan, 2020. 548 p. https://e.lanbook.com/book/129090
- 2. 2. Badluev E.B., Eshizhamsoev B.D., Tsybikzhapov A.D. Obstetrics and gynecology of farm animals. Workbook for laboratory and practical classes and independent work: study guide 2019.-90s. https://e.lanbook.com/book/113386
- 3. 3. Baymishev, Kh. B. Gynecology and andrology: guidelines / Kh. B. Baymishev. Samara : SamGAU, 2018. 106 p. https://e.lanbook.com/book/109422
- 4. 4. Workshop on internal animal diseases: textbook / G. G. Shcherbakov, A. V. Yashin, A. P. Kurdeko [and others]; under the general editorship of G. G. Shcherbakov [and others]. 3rd ed., erased. St. Petersburg: Lan, 2020. 544 p. https://e.lanbook.com/book/139263
- Nechaev, A. V. Internal non-communicable diseases: textbook / A. V. Nechaev, Yu. A. Kurlykova. Samara: SamGAU, 2020 Part 1: General prevention and therapy 2020. 122 p. https://e.lanbook.com/book/158657
- 6. 6. Dyulger, G. P. Fundamentals of veterinary science: a textbook for universities / G. P. Dyulger, G. P. Tabakov. 3rd ed., erased. St. Petersburg: Lan, 2020. 476 p. https://e.lanbook.com/book/146658
- 7. 7. Epizootology with microbiology: textbook / A.S. Aliev, Yu.Yu. Danko, I.D. Yeshchenko [i dr.]; Ed. V.A. Kuzmin. 2nd ed., erased. St. Petersburg: Publishing house "Lan", 2017. 432 p. http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=4650 28&idb=0
- 8. 8. Sidorchuk, A. A. General epizootology: a textbook for universities / A. A. Sidorchuk, V. A. Kuzmin, S. V. Alekseeva. 2nd ed., erased. St. Petersburg: Lan, 2021. 248 p. https://e.lanbook.com/book/156931

- 9. 9. Epizootology with microbiology: a textbook for universities / A. S. Aliev, Yu. Yu. Danko, I. D. Yeshchenko [and others]; Edited by V. A. Kuzmin, A. V. Svyatkovsky. 6th, erased. St. Petersburg: Lan, 2021. 432 p. https://e.lanbook.com/book/162384
- 10.10. Skubko, O. R. Morphofunctional features and diseases of animal bones: textbook / O. R. Skubko, O. N. Shushakova. Omsk: Omsk State Agrarian University, 2020. 52 p. https://e.lanbook.com/book/136157
- 11.11. Operative surgery in animals: a textbook for universities / B. S. Semenov, V. N. Videnin, A. Yu. Nechaev [and others]. St. Petersburg: Lan, 2020. 704 p. https://e.lanbook.com/book/162365
- 12. 12. Skubko, O. R. Methods of lectures of the academic discipline B1.B.23 "Operative surgery with topographic anatomy": a textbook / O. R. Skubko, G. A. Khonin, O. N. Shushakova. Omsk: Omsk State Agrarian University, 2019. 65 p. https://e.lanbook.com/book/126630
- 13. 13. Latypov D.G. Protozoan animal diseases that are dangerous to humans (protozoan zoonoses): a textbook / D.G. Latypov, R.R. Timerbaeva, E.G. Kirillov. St. Petersburg: Publishing house "Lan", 2017. 208 p. http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=4649 30&idb=0
- 14. 14. Latypov D.G. Animal helminthiases dangerous to humans: a textbook / D.G. Latypov. 3rd ed., revised. St. Petersburg: Publishing house "Lan", 2017. 440 p. http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=4649 41&idb=0
- 15. 15. Latypov, D. G. Parasitology and invasion animal diseases: a textbook for sports / D. G. Latypov, R. R. Timerbaeva, E. G. Kirillov. 2nd ed., erased. St. Petersburg: Lan, 2021. 520 p. https://e.lanbook.com/book/159517
- 16. 16. Yatusevich, A. I. Parasitology and invasive animal diseases: textbook
 / A. I. Yatusevich, N. F. Karasev, S. I. Stasyukevich. Minsk: RIPO, 2020.
 266 p. https://e.lanbook.com/book/154220
- 17. 17. Nikitin, I. N. Workshop on the organization of veterinary business: textbook / I. N. Nikitin. 4th ed., Rev. and additional St. Petersburg: Lan, 2020. 324 p. https://e.lanbook.com/book/131031
- 18. 18. Nikitin, I. N. Legal support of veterinary activities: a textbook for sports / I. N. Nikitin. 2nd ed., erased. St. Petersburg: Lan, 2021. 212 p. https://e.lanbook.com/book/155692
- 19. 19. Zabolotnykh M. V., Ivkova I. A., Zhidik I. Yu. Fundamentals of the organization of veterinary and sanitary business: textbook 2020.-91s
- 20. 20. Nikitin, I. N. Veterinary clinic: textbook for universities / I. N. Nikitin,
 V. V. Ivanov, E. N. Trofimova. 2nd, erased. St. Petersburg: Lan, 2021.
 184 p. https://e.lanbook.com/book/162385

- 1. Electronic libraries with access for RUDN students:
 - RUDN Electronic Library System RUDN EBS http://lib.rudn.ru/MegaPro/Web
 - ELS "University Library Online" http://www.biblioclub.ru
 - EBS Yurayt http://www.biblio-online.ru
 - ELS "Student Consultant" www.studentlibrary.ru
 - EBS "Lan" http://e.lanbook.com/
 - EBS "Trinity Bridge"
 -
- 2. Databases and search engines:
 - electronic fund of legal and normative-technical documentation http://docs.cntd.ru/
 - Yandex search engine https://www.yandex.ru/
 - Google search engine https://www.google.ru/

Electronic version of the document

- abstract database SCOPUS http://www.elsevierscience.ru/products/scopus/

Learning toolkits for preparation for passing the SE and / or performing the FQW and preparing the work for the defense in the RUDN LMS TUIS *:

- 1. Safety rules during the passage of "Academic research practice with the preparation of a scientific qualification project" (initial briefing).
- 2. The general arrangement and principle of operation of technological production equipment used by students during their practice; flow charts and regulations, etc. (if necessary).
 - 3. Guidelines for filling in a diary by students and preparing a practice report.
- * all educational and methodological materials for independent work of students are placed in accordance with the current procedure on the FSC page in TUIS!

8. ASSESSMENT AND EVALUATION TOOLKIT AND SCORE-RATING ASSESSMENT SYSTEM OF THE LEVEL OF FORMATION COMPETENCES OF PRACTICES

Evaluation materials and a point-rating system* for assessing the level of competencies (part of competencies) based on the results of passing the "General professional practice" are presented in the Appendix to this Practice Program (module).

* - AT and SRS are formed on the basis of the requirements of the relevant local normative act of RUDN University (regulations / order).

DEVELOPER:

Professor of the Department of Veterinary Medicine		Vatnikov Yu.A.
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Medicine		Troshina N.I.

Possition, Educational Department	Signature	Name		
Assistant at the Department of Veterinary Medicine Possition, Educational Department	Signature	Rodionova N.Yu.		
HEAD OF THE GRADUATE DEPARTM	ENT:			
Department of Veterinary Medicine Educational Department	Signature	Vatnikov Yu.A.		
HEAD OF THE HIGHER EDUCATION PROGRAM:				
Professor of the Department of Veterinary Medicine Possition, Educational Department	Signature	Vatnikov Yu.A.		