



EDUCATIONAL PROGRAM

6B09 - Veterinary

(Code and classification of the field of education)

6B091 - Veterinary

(Code and classification of the direction of training)

0841

(Code in the International Standard Classification of Education)

B083 - Veterinary Science

(Code and classification of the educational program group)

6B09103 - Veterinary

(Code and name of the educational program)

Specialist

(Level of preparation)

Semey

Educational program

6B09 – Veterinary

(Code and classification of the field of education)

6B091 - Veterinary

(Code and classification of the direction of training)

0841

(Code in the International Standard Classification of Education)

B083 - Veterinary Science

(Code and classification of the educational program group)

6B09103 - Veterinary

(Code and name of the educational program)

(Level of preparation)

PREFACE

Developed

The educational program 6B09103 - Veterinary in the direction of preparation 6B091 - Veterinary on the basis of the State Compulsory Standards of Higher and Postgraduate Education approved by the Order of the Ministry of Science and Higher Education of the Republic of Kazakhstan dated July 20, 2022 No 2 (as amended by the order) was developed by the Academic Committee dated 20.02.2023 No 66).

Members of the Academic Committee	Full name	Academic degree, academic title, position
Head of the Academic Committee	Yessengulova Nurlygul Zhansapovna	Candidate of Veterinary Sciences, Dean of the Faculty of Veterinary Medicine
Educational program manager	Zhexenayeva Assel Beksultanovna	PhD, Senior Lecturer
Member of the AC	Akhmetzhanova Aizhan Yerkingazinovna	Master of Veterinary Sciences, Acting Head of Department
Member of the AC	Rakishev Zhanat Bolatovich	Head of the "Territorial Inspection of Abai Oblast of the Committee for Veterinary Control and Supervision of the Ministry of Agriculture of the Republic of Kazakhstan" Republican State Institution.
Member of the AC	Baluanov Ayan Kazhmukhametovich	Head of the testing laboratory of Semey regional branch of the "Republican Veterinary Laboratory" Republican State Enterprise of the Committee for Veterinary Control and Supervision of the Ministry of Agriculture of the Republic of Kazakhstan
Member of the AC	Dyusembayev Sergazy	Doctor of veterinary sciences, professor
Member of the AC	Serikova Ainur	Candidate of Veterinary Sciences, Associate Professor
Member of the AC	Koigeldinova Ainur	Candidate of Veterinary Sciences, Associate Professor
Member of the AC	Nurzhumanova Zhanat	Candidate of Veterinary Sciences, senior lecturer
Member of the AC	Bilyalov Yermekkazy	Candidate of Veterinary Sciences, senior lecturer
Member of the AC	Kairatova Anel	Student of Group B-301

Reviewing

Full name of the reviewer	Position, place of work
Bimurzin Yergali Baidrakhmanovich	Head of Novaya Zarya Limited Liability Partnership of the peasant farm
Tokashev Oralbek Nurmukhanbetovich	Head of the peasant farm "BALKE"

Reviewed

at the meeting of the Commission on Academic Quality of the Faculty of Veterinary Medicine and Agricultural Management by protocol No. 3 of January 09, 2024.

at a meeting of the Academic Quality Commission
Research School of Veterinary Medicine and Agriculture.
Recommended for approval by the University Academic Council
Protocol No. 6 dated June 06, 2024

Approved

at a meeting of the University Academic Council by protocol No. 6/1 of January 19, 2024.
at a meeting of the University Academic Council by protocol No. 11 of June 28, 2024.

Content

1. Introduction
2. PASSPORT OF THE EDUCATIONAL PROGRAM:
 - 2.1. EP purpose;
 - 2.2. Map of the training profile within the educational program:
 - Code and classification of the field of education;
 - Code and classification of the direction of training;
 - Code in the International Standard Classification of Education;
 - Code and classification of the educational program group;
 - Code and name of the educational program;
 - 2.3. Distinctive features of the OP (double degree/joint, OVPO-partner, Double major, innovative);
 - 2.4. Qualification characteristics of the graduate:
 - Degree awarded / qualification;
 - Name of professional standard;
 - Atlas of new professions;
 - Regional standard;
 - Name of the profession / list of positions of a specialist;
 - OQF qualification level (industry qualification framework);
 - Area of professional activity;
 - Object of professional activity;
 - Types of professional activity;
 - 2.5. Graduate Model.
3. Modules and content of the educational program
4. Summary table on the scope of the educational program 6B09103 - Veterinary»

1.Introduction

1.1.General data

The educational program, "Veterinary Medicine" implemented by the Department of Veterinary Medicine, Faculty of Veterinary Medicine and Agricultural Management of the NAO State University named after Shakarim of Semey, was developed taking into account the needs of the regional labor market, the requirements of regulatory documents of the Ministry of Education and Science of the Republic of Kazakhstan and is a system of documents for the organization of the educational process.

The educational program regulates the goals, expected results, content, conditions and technologies for the implementation of the educational process, assessment of the quality of graduate training in this field of training and contains a description of the program and the direction of professional activity of the graduate, the results of training and acquired competencies, the policy of evaluating the results of training, the organization of the educational process that ensures the quality of training of students, a description of the modules that make up the educational program, methodological materials.

When implementing the educational program, it is planned to use artificial intelligence tools in the educational process, thereby developing digital competencies among students in a rapidly changing technological environment.

The educational program provides for the education of a student with special educational needs in the conditions of a higher educational institution, as well as his socialization and integration into society.

1.2.Completion criteria

The main criterion for the completion of the educational process in the direction of training "6B09 - Veterinary" is the development of at least 265 credits of theoretical training, as well as at least 27 credits of practical training, 8 credits of final certification.

Only 300 credits.

1.3.Typical study duration: 5 years

2.PASSPORT OF THE EDUCATIONAL PROGRAM

2.1.EP purpose	Prepare competitive specialists who meet modern requirements in the field of veterinary medicine, veterinary and sanitary control and supervision in the export and import of animals, raw materials of animal and plant origin.
2.2.Map of the training profile within the educational program	
Code and classification of the field of education	6B09 - Veterinary
Code and classification of the direction of training	6B091 - Veterinary
Code in the International Standard Classification of Education	0841
Code and classification of the educational program group	B083 - Veterinary Science
Code and name of the educational program	6B09103 - Veterinary
2.3.Distinctive features of the OP (double degree/joint, OVPO-partner, Double major, innovative)	Double major
2.4.Qualification characteristics of the graduate	
Degree awarded / qualification	veterinary specialist in the educational program
Name of professional standard	1. Raising of sheep and goat 26.10.2022 2. Hog breeding and fattening 26.10.2022 3. Raising of poultry 26.10.2022 4. Raising of dairy camels 26.10.2022
Atlas of new professions	-
Regional standard	-
Name of the profession / list of positions of a specialist	Veterinarian / - all types of economic entities of agricultural production; - transport, circuses, hippodromes, associations engaged in breeding breeding animals; - veterinary clinics, veterinary pharmacies, laboratories, zoos, nature reserves; - institutions of the state veterinary service; - slaughterhouses, animal burial grounds, premises for keeping animals; - military veterinary service; - educational veterinary institutions.
OQF qualification level (industry qualification framework)	6
Area of professional activity	In the field of medical activity: diagnostics, treatment, prevention of non-contagious and contagious diseases of animals, birds, fish and bees. In the field of experimental research activities: study of the etiology, development mechanism and features of the manifestation of animal diseases; conducting comparative clinical, biochemical, post-mortem and immunological studies of sick animals; introduction of effective therapeutic and preventive measures for diseases of animals of various etiologies, veterinary and sanitary examination of meat, dairy products of animal husbandry. In the field of educational activity: pedagogical work in secondary vocational schools in the specialty profile;

	training and retraining of veterinary, livestock and biological specialists; training of owners on the basics of animal hygiene.
Object of professional activity	The objects of professional activity are: - all types of economic entities of agricultural production; - transport, circuses, hippodromes, associations engaged in breeding breeding animals; - veterinary clinics, veterinary pharmacies, laboratories, zoos, reserves, veterinary laboratories; - institutions of the state veterinary service; - slaughterhouses, animal burial grounds, premises for keeping animals; - military veterinary service; - educational veterinary institutions.
Types of professional activity	A specialist in this area should be trained to: - diagnostics, prevention and treatment of non-contagious and contagious diseases of animals, birds and fish bred in farms of various directions and forms of ownership; - prevention of diseases of non-contagious etiology, infectious diseases; - development and circulation of medicines for animals; - environmental protection.
2.5. Graduate Model	As a result of training, the Bachelor of OP 6B09103- Veterinary Medicine must receive all the necessary knowledge, skills and skills that ensure the high-quality fulfillment of the functional duties of a veterinarian at work. As well as acquire socio-humanitarian, economic, organizational and managerial, general scientific competencies, which serve as a foundation that provides the graduate with mobility in the labor market.

3. Modules and content of the educational program

Module 1. Fundamentals of social and humanitarian knowledge

Brief description of the module content

This module reveals such aspects as: socio-cultural, economic-legal, environmental knowledge, communication skills, the use of information technology taking into account modern trends in the development of society.

Module disciplines

Foreign language

History of Kazakhstan

Kazakh(Russian) language (1)

Bases of economics, law and ecological knowledge

Physical Culture

Foreign language

Kazakh(Russian) language (2)

The module of socio-political knowledge (sociology, political science, cultural studies, psychology)

Physical Culture

Information and communication technology

Physical Culture

World of Abai

Physical Culture

Philosophy

Module 2. Professional and communicative

Brief description of the module content

Mastering this module is the formation of students` skills in effective professional and scientific communication.

Module disciplines

Domestic Animal Anatomy

Latin Veterinary Terminology

Introduction to the specialty

Topographic anatomy

Bioorganic chemistry

Biochemistry of animals

Veterinary genetics

Veterinary microbiology and immunology

Veterinary cytology, histology, embryology

Animal husbandry

Fundamentals of Biochemistry and BAS

Poultry farming

Private animal husbandry

Veterinary Virology

Examination of farm animals

Zootechnical accounting and analysis of feed

Clinical diagnosis of fur animals and birds

Animal feeding

Norms and optimization of the diet of animal feeding

Comparative physiology of agricultural animals

Educational practice

Animal Physiology

Animal ethology

Innovative research methods in veterinary medicine

Module 3. Clinical and diagnostic

Brief description of the module content

Mastering this module sets out research methods for recognizing diseases and the condition of sick animals in order to prescribe the necessary therapeutic and preventive measures.

Module disciplines

Fundamentals of diagnostic and therapeutic techniques in veterinary medicine

Veterinary propedeutics

Veterinary Pharmacology

Pathological physiology of animals

Veterinary toxicology

Pathological anatomy of animals

Production practice

Pathomorphology of infectious diseases

Veterinary Formulation

Feed poisoning of animals

Fundamentals of clinical Hematology

Module 4. Therapeutic and preventive

Brief description of the module content

The development of this module involves the timely treatment and prevention of animal diseases.

Module disciplines

Veterinary Operative Surgery

Veterinary Obstetrics

General Veterinary Surgery

Veterinary gynecology

General therapy

Industrial practice 2

General Veterinary Parasitology and Helminthology

Private therapy

Epizootology and infectious diseases of animals

Veterinary Ophthalmology

Veterinary protozoology and arachnoentomology

Veterinary Traumatology

Veterinary epidemiology

Zoonoses

Invasive diseases of fish and bees

Organization of artificial insemination of animals and birds

Industrial practice 3

Pre-graduate practice

Industrial practice IV

Module 5. Veterinary and sanitary safety

Brief description of the module content

This module is aimed at studying issues of ensuring biological and food safety, preventing and eliminating infectious diseases and pathologies of various types.

Module disciplines

Veterinary Radiobiology

General zoo hygiene

Private zoogiena

Veterinary and sanitary examination of livestock and poultry products

State Veterinary Service

International veterinary legislation

Organization of veterinary business

Veterinary-sanitary examination

VSE of crop, fish and bee products

Hygiene of young farm animals and birds

Veterinary and sanitary examination of animal raw materials

Veterinary and sanitary control at the border and transport

Technology, hygiene, sanitation and veterinary and sanitary expertise of meat and dairy products

Final examination

Brief description of the module content

Writing and defending a thesis or preparing and passing a comprehensive exam.

Module disciplines

Writing and defending a thesis

Comprehensive exam

4. Summary table on the scope of the educational program

«6B09103 - Veterinary»

Name of discipline	Cycle/ Component	Term	Number of credits	Total hours	Lec	SPL	LC	IWST	IWS	Knowledge control form
Module 1. Fundamentals of social and humanitarian knowledge										
Foreign language	GER/CC	1	5	150		45		35	70	Examination
History of Kazakhstan	GER/CC	1	5	150	15	30		35	70	Qualification examination
Kazakh(Russian) language (1)	GER/CC	1	5	150		45		35	70	Examination
Bases of economics, law and ecological knowledge	GER/US	1	5	150	15	30		35	70	Examination
Physical Culture	GER/CC	1	2	60		60				Differentiated attestation
Foreign language	GER/CC	2	5	150		45		35	70	Examination
Kazakh(Russian) language (2)	GER/CC	2	5	150		45		35	70	Examination
The module of socio-political knowledge (sociology, political science, cultural studies, psychology)	GER/CC	2	8	240	30	45		55	110	Examination
Physical Culture	GER/CC	2	2	60		60				Differentiated attestation
Information and communication technology	GER/CC	3	5	150	15	15	15	35	70	Examination
Physical Culture	GER/CC	3	2	60		60				Differentiated attestation
World of Abai	BS/US	3	3	90	15	15		20	40	Examination
Physical Culture	GER/CC	4	2	60		60				Differentiated attestation
Philosophy	GER/CC	5	5	150	15	30		35	70	Examination
Module 2. Professional and communicative										
Domestic Animal Anatomy	BS/US	1	5	135	15		15	35	70	Examination
Latin Veterinary Terminology	BS/US	1	5	143	15	15	8	35	70	Examination
Introduction to the specialty	BS/US	2	3	90	15	15		20	40	Examination
Topographic anatomy	BS/US	2	5	150	15		30	35	70	Examination
Bioorganic chemistry	BS/CCh	3	3	90	15		15	20	40	Examination
Biochemistry of animals	BS/CCh	3	3	90	15		15	20	40	Examination
Veterinary genetics	BS/US	3	5	150	15	30		35	70	Examination
Veterinary microbiology and immunology	BS/US	3	5	150	15	15	15	35	70	Examination
Veterinary cytology, histology, embryology	BS/US	3	5	150	15	15	15	35	70	Examination
Animal husbandry	BS/CCh	3	5	150	15	30		35	70	Examination
Fundamentals of Biochemistry and BAS	BS/CCh	3	3	90	15		15	20	40	Examination

Poultry farming	BS/CCh	3	5	150	15	30		35	70	Examination
Private animal husbandry	BS/CCh	3	5	150	15	30		35	70	Examination
Veterinary Virology	BS/US	4	5	150	15		30	35	70	Examination
Examination of farm animals	BS/CCh	4	5	143	15	15	8	35	70	Examination
Zootechnical accounting and analysis of feed	BS/CCh	4	5	143	15	15	8	35	70	Examination
Clinical diagnosis of fur animals and birds	BS/CCh	4	5	143	15	15	8	35	70	Examination
Animal feeding	BS/CCh	4	5	143	15	15	8	35	70	Examination
Norms and optimization of the diet of animal feeding	BS/CCh	4	5	143	15	15	8	35	70	Examination
Comparative physiology of agricultural animals	BS/CCh	4	5	143	15	15	8	35	70	Examination
Educational practice	BS/US	4	2	60						Total mark on practice
Animal Physiology	BS/CCh	4	5	150	15	15	15	35	70	Examination
Animal ethology	BS/CCh	4	5	143	15	15	8	35	70	Examination
Innovative research methods in veterinary medicine	AS/US	9	4	113	15	15	8	25	50	Examination
Module 3. Clinical and diagnostic										
Fundamentals of diagnostic and therapeutic techniques in veterinary medicine	BS/CCh	4	5	143	15	15	8	35	70	Examination
Veterinary propedeutics	AS/US	4	3	83	15		8	20	40	Examination
Veterinary Pharmacology	BS/US	5	5	150	15	15	15	35	70	Examination
Pathological physiology of animals	BS/US	5	5	150	15	15	15	35	70	Examination
Veterinary toxicology	BS/US	6	5	150	15	15	15	35	70	Examination
Pathological anatomy of animals	BS/US	6	5	150	15	15	15	35	70	Examination
Production practice	BS/US	6	5	150						Total mark on practice
Pathomorphology of infectious diseases	BS/US	7	5	143	15	15	8	35	70	Examination
Veterinary Formulation	AS/CCh	7	5	135	15		15	35	70	Examination
Feed poisoning of animals	AS/CCh	8	5	150	15	15	15	35	70	Examination
Fundamentals of clinical Hematology	AS/US	9	5	143	15	15	8	35	70	Examination
Module 4. Therapeutic and preventive										
Veterinary Operative Surgery	BS/US	5	5	150	15	15	15	35	70	Examination
Veterinary Obstetrics	BS/US	6	5	150	15	15	15	35	70	Examination
General Veterinary Surgery	AS/US	6	5	150	15	15	15	35	70	Examination
Veterinary gynecology	BS/US	7	5	150	15	30		35	70	Examination
General therapy	AS/US	7	5	143	15	15	8	35	70	Examination
Industrial practice 2	BS/US	8	5	150						Total mark on practice
General Veterinary Parasitology and Helminthology	AS/US	8	5	150	15	15	15	35	70	Examination

Private therapy	AS/US	8	5	150	15	15	15	35	70	Examination
Epizootology and infectious diseases of animals	AS/US	8	5	143	15	15	8	35	70	Examination
Veterinary Ophthalmology	AS/CCh	9	4	113	15	15	8	25	50	Examination
Veterinary protozoology and arachnoentomology	AS/US	9	5	143	15	15	8	35	70	Examination
Veterinary Traumatology	AS/CCh	9	4	120	15	15	15	25	50	Examination
Veterinary epidemiology	AS/CCh	9	5	150	15	15	15	35	70	Examination
Zoonoses	AS/US	9	5	143	15	15	8	35	70	Examination
Invasive diseases of fish and bees	AS/CCh	9	5	150	15	15	15	35	70	Examination
Organization of artificial insemination of animals and birds	AS/CCh	9	5	150	15	15	15	35	70	Examination
Industrial practice 3	AS/US	9	5	150						Total mark on practice
Pre-graduate practice	AS/CCh	10	10	300						Total mark on practice
Industrial practice IV	AS/CCh	10	10	300						Total mark on practice
Module 5. Veterinary and sanitary safety										
Veterinary Radiobiology	BS/US	5	5	150	15	30		35	70	Examination
General zoo hygiene	BS/US	5	5	135	15		15	35	70	Examination
Private zoogiena	BS/US	6	5	150	15	30		35	70	Examination
Veterinary and sanitary examination of livestock and poultry products	BS/US	7	5	150	15		30	35	70	Examination
State Veterinary Service	BS/CCh	7	5	150	15	30		35	70	Examination
International veterinary legislation	BS/CCh	7	5	150	15	30		35	70	Examination
Organization of veterinary business	BS/CCh	7	5	150	15	30		35	70	Examination
Veterinary-sanitary examination	BS/US	8	5	150	15		30	35	70	Examination
VSE of crop, fish and bee products	AS/CCh	8	5	150	15	15	15	35	70	Examination
Hygiene of young farm animals and birds	AS/CCh	8	5	150	15	30		35	70	Examination
Veterinary and sanitary examination of animal raw materials	AS/CCh	9	5	150	15	15	15	35	70	Examination
Veterinary and sanitary control at the border and transport	AS/CCh	9	4	113	15	15	8	25	50	Examination
Technology, hygiene, sanitation and veterinary and sanitary expertise of meat and dairy products	AS/CCh	9	4	113	15	15	8	25	50	Examination
Final examination										
Writing and defending a thesis		10	8	240						
Comprehensive exam		10	8	240						

NON -PROFIT LIMITED COMPANY «SHAKARIM UNIVERSITY OF SEMEY»

PLAN DEVELOPMENT EDUCATIONAL PROGRAMS

"6B09103-Veterinary

for 2024-2029 years

Semey 2024

Content

No.	Namesections	Pages
1.	Passport plan development educational programs	3
2.	Analytical justification OP	3
2.1	Intelligen ceabout educational program	3
2.2	Intelligen ceabout students	3
2.3	Internalan dexternal conditions development OP	4
2.4	Information about the teaching staff implementing the educational program	4
2.5	Characteristicachievements OP	5
3	Maintasksplandevlopment OP	5
4	AnalysisrisksOP	5
5	Planactivitiesbydevelopment OP	6

1. Passport plan development OP bachelor's degree 6B09103-"Veterinary"

1	Basefor development	Development program of the Non -Profit Limited Company «Shakarim University of Semey» for 2023-2029. Plan work faculty
2	Timing implementation	2024-2029 гг.
3	Expected result simplementation	-providing educational services at the level of world educational standards that ensure the competitiveness of graduates in the labor market; -training of intellectually developed, creative specialists by integrating the educational process, scientific research and innovation; - training of qualified and competitive personnel for agriculture in accordance with the requirements of national and international standards

2. Analytical substantiation of the EP

2.1 Information about the educational program

The educational program is developed in accordance with the National Qualifications Framework and professional standards, in accordance with the Dublin Descriptors and the European Qualifications Framework. The typical term for mastering the educational program of a bachelor's degree is 5 years.

OP "6V09103-"Veterinary" was developed by the Academic Committee

The main criterion for the completion of the educational process is the development of at least 300 credits, with the award of the The main criterion for the completion of the educational process in the direction of training "6B09 - Veterinary Medicine" is the student's development of at least 265 theoretical training credits, as well as at least 27 practice credits, 8 final certification credits. Only 300 loans. With the award of the degree, a veterinary specialist.

The purpose of training under the educational program of the 6V09103 - "Veterinary" of all levels is to provide conditions for obtaining a full-fledged high-quality education, professional competencies in the field of veterinary medicine, as well as the development of creative potential, principles, and the formation of competitiveness of graduates. To achieve this goal, training under this educational program is provided by highly qualified teaching staff, students are guaranteed the provision of high-quality educational services and their demand in the labor market. Elective disciplines reflect innovative technologies inherent in educational

2.2.Intelligence about students Training year

Trainin gyear The basislearning	2024-2025 Training year	2025-2026 Training year	2026-2027 Training year	2027-2028 Training year	2028-2029 Training year
Grant	40	40	40	45	50
Treaty	10	10	10	5	5
Total	50	50	50	50	55

2.3 Internal and external conditions for the development of the EP

The teaching staff of the department is regularly engaged in the release of educational and methodological literature in the state language on the OP "Veterinary". The educational portal of the university also presents educational materials of disciplines in electronic format in the Kazakh language.

Professional practices of students are carried out in accordance with the approved end-to-end program of practices and generally meet the qualification requirements for training specialists in this field.

Issues of vocational training, professional practice and employment of graduates are resolved at the department with the obligatory participation of employers. Every year, round tables are held at the department, in which heads and representatives of city and district akimats, agricultural enterprises take part. The department organizes meetings with graduates-employers, seminars with practitioners.

According to the agreement between universities, OP students are trained in academic mobility. For two years, 1 student studied in academic mobility at the university: USA, Kansas, University of Pittsburgh, 4 students at Pamukale University, Denizli, Turkey. Also, 5 teachers went to advanced training at the University of the Caucasus, Kaars, Turkey. The Department of Veterinary Medicine cooperates with the Research Institute of Veterinary Medicine under the Ministry of Agriculture of Azerbaijan, St. Petersburg State University of Veterinary Medicine, Caucasian University of Kars, Turkey, Omsk State Agrarian University.

OP of the Department of Veterinary Medicine has introduced elements of dual education for 4th year students. The trilateral agreement was concluded with the Public State Enterprise on the right of economic management of Semey-Vet of the Abai region veterinary department.

Sociological surveys are conducted annually with graduates of the University, "On working conditions and the quality of management of the educational process at the State University named after Shakarim", "Population, employers of Semey on the quality of education and the demand for specialists, incl. State University named after Shakarim", "Teaching staff on readiness and problems in updating the OP". During the monitoring, the results were obtained in the form of the opinion of the inhabitants of the region about the competencies of graduates of the State University named after Shakarim in Semey, including the educational programs of the educational department "Veterinary Medicine". The results of the study will be aimed at further improving the system of competencies of the above educational program.

2.4 Intelligenceteaching staff,implementing an educationalprogram

No.	Indicators	Unit and sm.	2024-2025 Training year	2025-2026 Training year	2026-2027 Training year	2027-2028 Training year	2028-2029 Training year
1	Share of teaching staff with a degree in EP	%	80	80	80	85	87
2	Including the share of teaching staff with a scientific degree in the OOD cycle	%	70	70	70	72	75

2.5 Characteristics of the achievements of the EP

The educational program regulates the goals, expected results, content, conditions and technologies for the implementation of the educational process, assessment of the quality of training graduate in this area of study and contains a description of the program and areas of professional activity of the graduate, learning outcomes and acquired competencies, policy evaluating learning outcomes, organization of the educational process, ensuring the quality of training of students, a description of the modules that make up educational program, methodological materials that ensure the implementation appropriate educational technologies.

The content of the educational program is implemented through the curriculum developed by in a modular format, in which three cycles are provided for the first level of education disciplines: a cycle of general education disciplines, a cycle of basic disciplines and a cycle major disciplines, as well as additional types of training (professional .practice, physical culture, etc.) and final certification.

3. The main objectives of the EP development plan

No	Name of the task	Development timeline	Development stages
1	Improving and improving the conditions for obtaining a full-fledged, high-quality professional education.	the entire period of study.	Development of measures to improve educational services for the development of professional skills.
2	Updating the content of educational programs that form the basic professional competencies of future agricultural specialists.	the entire period of study.	When updating the content of educational programs, include disciplines recommended by employers
3	Creation of prerequisites for independent search and research activities of the student in the framework of the experiment at all stages of his education.	the entire period of study.	Inclusion of conducting research and experimental work in the study of educational programs
4	Development of measures for the development of work with scientific and technical information using domestic and foreign experience in professional activities.	the entire period of study.	Carrying out activities for the analysis and processing of the results
5	Consultations of employers and scientists of research institutes when choosing relevant and practically significant topics of theses.	Completion of undergraduate studies.	Suggestions from employers, stakeholders and management advice

4. Analysis risks EP

No.	Name risks	Events By elimination
1	Reducing the contingent of students in the OP	Moreconductcareer guidance work in schools, colleges(cities,areas populated _paragraphs).

2	Insufficient level of language knowledge for the introduction of trilingual education	Attract students on mugs foreign language, Conduct motivational work.
3	Decrease in the level of employment	Conduct seminars, meetings, round tables with employers.
4	Insufficient development of external and internal academic mobility of students and teaching staff	With other universities Kazakhstan And near And distant abroad to conclude contracts. Attract teachers from other universities and countries to give lectures.
5	The risk of reducing the degree of teaching staff for EP	To enable undergraduates and doctoral students to defend themselves, and to create optimal conditions for them to defend
6	Low number of publications in KKSON and cited journals.	Stimulate the teaching staff by reimbursing the costs of the published article.

5. Action plan for the development of the EP

№	Criteria	Expected results	Ед. изм.	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029
Direction 1. Educational and methodological support								
1.1	Updating the educational program based on professional standards, taking into account the recommendations of employers	Conducting an examination of the Educational program "6B09103-"Veterinary" in order to increase the practice orientation and develop the professional competencies of graduates	fact.	+	+	+	+	+
1.2	Monitoring and updating catalogs of elective disciplines in accordance with the development of key and professional competencies, labor market demands	Improving the quality of the content of educational programs by including elective courses aimed at developing the key and professional competencies of graduates in accordance with the demands of the labor market.	fact.	+	+	+	+	+

1.3	Introduction into the educational process of modern learning technologies that contribute to the development of cognitive activity, communicative ability of students	Improving the quality of teaching academic disciplines, taking into account the novelty and diversity of forms of work that contribute to the development of cognitive activity.	fact..	+	+	+	+	+
1.3.1	Implementation of Massive Open Online Courses (MOOCs) in the educational process under the educational program "6B09103- "Veterinary"	Introduction of disciplines into the educational process Improving the quality of teaching academic disciplines, taking into account the novelty and diversity of forms of work that contribute to the development of cognitive activity.	units	1	2	2	2	2
1.4	Involvement of social partners and employers in the development, examination of the implementation of educational programs	Improving the quality of ongoing educational programs, taking into account market demands and employers' recommendations	units	2	2	2	2	2
1.5	Development and implementation of elective courses in English	Introduction to the educational process of disciplines in English	units	1	1	1	2	2
1.6	Conducting seminars and round tables on the application of innovative technologies in the educational process	Implementation of innovative technologies in the educational process	units	1	1	2	2	2
1.7	Publication of educational, educational-methodical and scientific literature on implemented EPs	Improvement of educational and methodological support in the disciplines of ongoing educational programs	units	1	1	2	2	2
1.8	Conclusion of agreements with foreign and domestic universities - partners in order to develop the academic exchange of students of all levels and teaching staff	Creation of a database of foreign and domestic universities - partners for the development of academic exchange of students of all levels and faculty	units	1	1	1	1	1

1.9	Invitation of students from partner universities to study for a semester, short-term internships, practice, etc.	Development of international recognition of educational programs, implementation of academic mobility programs for students	people	1	1	1	1	1
1.10	Participation of teaching staff and students in international academic exchange programs	Development of international cooperation with foreign universities implementing educational programs in the direction "6B09103-"Veterinary"	people	-	1	1	1	1
1.11	Development of outgoing academic mobility of teaching staff and students in the direction of _____	Improving the educational program based on the use of experience in the implementation of similar programs in the leading universities of the Republic of Kazakhstan	people	-	-	2	2	2
Direction 2. Faculty								
2.1	Raising the professional level and training of scientific and pedagogical personnel for the implementation of educational programs once every 5 years	The share of teaching staff who have undergone advanced training at the republican level is at least 20%	people		2	2	2	2
2.2	Passage of advanced training, retraining, internships of teaching staff at the international level	Passage of at least 2 teachers of the advanced training program, retraining, internship of teaching staff at the international level	people	-	1	1	1	1
2.3	Promotion of publications of the teaching staff's works in international publications indexed by the Web of Science and Scopus databases	Increase in the share of teaching staff who published the results of scientific research in publications indexed by the Web of Science and Scopus databases - at least 30% of the total number of teaching staff	%	2	2	2	2	2
2.4	Involvement of specialists in the practical field of activity in teaching and scientific activities	Participation in the implementation of educational programs of practitioners (at least 20% of specialists)	%	2	2	2	2	2
Direction 3. Internationalization of educational programs								

3.1	Conclusion of agreements on international cooperation with foreign universities "	Implementation of joint projects, preparation of scientific publications with foreign partners, creation of bases for scientific internships for students	units	-	1	1	2	2
3.2	Attracting foreign students for training in the educational program "6B09103- "Veterinary	Increasing the number of foreign students	people	-	-	1	1	1
3.3	Organization of joint scientific and practical events with international partners	Increasing the efficiency of scientific and scientific-methodical activities of teaching staff, exchange of experience with foreign partners	units	-	1	1	1	1
3.4	Invitation of foreign experts for lectures and consultations on master's projects and dissertations	Improving the content component of educational programs based on the introduction of the experience of foreign specialists in the implementation of educational programs	units	1	1	1	1	1
3.5	Expansion of cooperation with leading foreign scientific and educational organizations in order to attract the most qualified foreign specialists to the implementation of educational programs	Formation of key and professional competencies in accordance with the practice of leading universities	people	-	-	1	1	1
Direction 4. Logistics and digitalization								
4.1	Stage-by-stage equipping of classrooms with technical teaching aids (projectors, panels, interactive and multimedia boards, multifunctional devices, webcam, projector screen, etc.)	Equipping classrooms assigned to the department with technical teaching aids (projectors, panels, interactive and multimedia whiteboards, all-in-ones, webcam, projector screen, etc.)	units	2	2	2	2	2
4.2	Carrying out automation of the educational process (testing, session management, student movement, dean's office, department, teaching staff load, schedule, library, syllabuses)	Information management based on educational process automation (testing, session management, student movement, dean's office, department, teaching staff load , schedule, library, syllabuses)	fact.	+	+	+	+	+

4.3	Replenishment of the full-text database of the results of scientific research of teaching staff and students, teaching staff (articles, monographs, etc.)	Increase in the number of results of scientific works of scientists, research of teaching staff and students, teaching staff (articles, monographs, etc.)	units	2	3	3	3	3
4.4	Expansion of the fund of scientific and educational literature, including on electronic media on ongoing educational programs	Ensuring the implementation of educational programs based on modern educational and information resources, including on electronic media	%	25	35	35	45	50
4.5	Monitoring the filling and improvement of the faculty website	Formation of the faculty website on various aspects of the implementation of educational programs.	%	92	93	95	95	95

Head of the Department

A. Akhmetzhanova

CONSIDERED

at a meeting of the Faculty Quality Assurance Commission
veterinary medicine and agromanagement

Minutes of the meeting № 6 at 06.06.2024 г.

Chairman of the QAC G.I. Dzhamanova

COORDINATED

Dean of the RSchVMA

N. Yesengulova

06.06.2024 г