
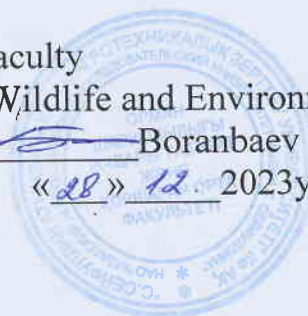


«Kazakh Agrotechnical Research University named after S. Seifullin» KATRU

Considered at the meeting
Academic Council of the Faculty
Record № 5 from
« 26 » 12.2023

Approved
Dean of Faculty
Forestry, Wildlife and Environment
 Boranbaev J.T.
« 28 » 12 2023y.



**DEVELOPMENT PLAN OF EDUCATIONAL PROGRAMS
6B08301 - "HUNTING AND FUR FARMING",
FOR THE ACADEMIC YEARS 2024-2028**

Considered at the extended meeting of the department _____
Record № 5 from 1.12.2023

Content

		pp
1.	Passport of the educational program development plan	3
2.	Analytical substantiation of the EP	4
2.1	Information about the educational program	4
2.2	Information about students	4
2.3	Internal conditions for EP development	5
2.4	Characteristics of the surrounding society	6
2.5	Information about the teaching staff implementing the educational program	7
2.6	Characteristics of the EP achievement	7
3.	Characteristics of the problems, which the EP development plan is aimed at solving, and justification of the necessity of their solution	7
4.	Main goals and objectives of the EP development plan with indication of terms and stages of its realization	8
5.	Measures to reduce the impact of risks for the EP	8
6.	Action plan for the development of the EP	9
7.	Mechanism of the RP development plan realization	10
8.	Assessment of socio-economic efficiency of the EP development plan realization	11
9.	Model of the EP graduate by levels of education	11

1. Passport

Development plan of educational program - 6B08301-«Hunting and fur farming» for 2024-2028 years

1	Basis for development of the OP development plan	Strategy and subject matter of the development plan of the EP, in accordance with the educational policy of the Republic of Kazakhstan, the purpose of which is to prepare competitive in the labor market specialists of a new formation, possessing broad fundamental knowledge and practical experience, possessing modern methods of protection, control of reproduction and regulation of the use of wildlife and their habitat, as well as all types of hunting, including the provision of services in this area and production of hunting and fur farming products, taking into account the requirements of the requirements of the following areas
2	Main developers of the OP development plan	<p>1. Syzdykov Kuanysh Nygmanovich – Associate Professor of the Department of Hunting and Fisheries, Candidate of Veterinary Sciences</p> <p>2. Narbaev Serik – Associate Professor of the Department of Hunting and Fisheries, Candidate of Agricultural Sciences</p> <p>3. Asylbekova Ainur Serikbayevna - Associate Professor of the Department of Hunting and Fisheries, Candidate of Agricultural Sciences</p> <p>Employers:</p> <p>1. Isakhaev Bakhytzhan Akparovich - Inspector of the Sapsan operational group. RGKP for Hunting and Hunting of the Committee of Forestry and Wildlife of the Ministry of Agriculture of the Republic of Kazakhstan, Master of Agricultural Sciences</p> <p>2. Berber Alexander Petrovich - Senior Researcher at Wildlife of Kazakhstan LLP, Candidate of Biological Sciences</p>
3	Timeframe for implementation of the OP	2024-2028yy.
4	Amount and sources of financing	Financing from the state budget, attraction of external sources of financing

5	Expected final results of the RP development plan implementation	Training of highly qualified specialists in the field of 6B08301-«Hunting and fur farming» in accordance with the requirements of domestic and world standards.
---	--	---

2. Analytical substantiation of the program

Updated content of the OP; high quality of graduates training; realization of the OP with the addition of in-depth training taking into account the cognitive ability and needs of students.

2.1 Information about the educational program. Educational programs 6B08301-«Hunting and fur farming» are aimed at in-depth theoretical and practical training of specialists in the field of protection and exploitation of hunting animal resources, training of highly qualified personnel in research, production-technological, organizational-administrative, project and pedagogical activities, competitive in the international labor market of specialists in the field of hunting, with a high level of general and professional culture, possessing the ability of scientific approach to the solution of national problems in this area.

The educational program is developed in accordance with the National Qualification Framework and professional standards, agreed with the Dublin descriptors and the European Qualification Framework.

The importance of the EP for the national economy is determined by the fact that it trains specialists for the labor market to ensure the rational use of natural bioresources of the country.

Educational programs contain theoretical training, including the study of cycles of general education, basic and profile disciplines; additional types of training, professional practice, intermediate and final certification. The volume of OP is 240 credits, including 212 credits of theoretical training, 20 credits of professional practice, 8 credits of final certification.

2.2 Information about students. At present 148 students are studying on OP 6B08301- «Hunting and fur farming», of them 120 students are studying in the state language and 28 students are studying in Russian. On general education grant - 146 students and 2 students on a contractual basis.

Information about students in the 2023-2024 school year

№ п/п	Indicators	2023-2024
6B08301-«Hunting and fur farming»		
1	Contingent of students, total:	148
2	Number of students on state grants	146
3	Number of students in the state language	120
4	Number of students on a paid basis	2

2.3 Internal conditions for the development of EP. To implement the above educational programs at the department provides access of each student to databases and library funds formed by the full list of disciplines (modules). During independent training students are provided with access to the information-telecommunication network «Internet». Each student is provided with printed and electronic publications for each discipline and each interdisciplinary course (including electronic databases of periodicals).

The library fund is equipped with printed and electronic editions of the main and additional educational literature on disciplines of all academic cycles, published for the last 5-10 years, as well as reference and bibliographic and periodicals, Russian and domestic journals. The Information and Library Center has a computer room with open access to the Internet. The information and functional system includes several components: the catalog of books and articles of the University Information and Library Center based on the program «MAPK-SGL», working in real time with the help of an automated cataloguer's workplace, the catalog of own developments in full-text mode, electronic resources, Internet resources. Through the Internet in the information and library center there is a connection to the content on hunting, agriculture, electronic library system of publishing house «Lan».

Educational and methodical documents for the specialty are developed in accordance with the existing normative documents such as the state obligatory standards of education, standard curricula for the specialty, developed working curricula, academic calendars, EUMKD for all areas of study, as well as the relevant documentation for the training of bachelors, masters and doctoral students. The direction of preparation of master's and doctoral theses corresponds to the topics of scientific research of the department (funded projects and initiative topics of scientific research).

Particular attention is paid to such issues as increasing the tenure of faculty members, their professional development courses in domestic universities near and far abroad, research institutions, as well as the invitation of leading specialists of the Ministry of Agriculture of the Republic of Kazakhstan, scientists from higher educational institutions abroad.

Strengths:	Weaknesses:
<ol style="list-style-type: none"> 1. Compliance of the content of educational programs of the State Educational Standards, modern requirements of science and consumers, as well as their regular updating, due to constant changes in the needs for graduate competence, processes and economic integration; 2. Step-by-step planning of the process of mastering educational programs according to the trajectory independently chosen by students in accordance with the rules of the credit system of education; 3. Combination in educational programs of theoretical and practical training, independent work, as well as the presence of compulsory and elective disciplines that include components for preparation for 	<ol style="list-style-type: none"> 1. Insufficient number of inter-university exchange programs for students and teacher internships.

professional activity, development of intellectual skills, creative abilities and personality of the learner;

4. Development and introduction into the educational process of innovative forms, methods of mastering educational programs, multimedia, providing training of highly qualified specialists;
5. Improvement of the intra-university quality management system, availability of structures for control and monitoring of the efficiency of students' mastering of educational programs;
6. Interdisciplinary connection.
7. Provision with computers and Internet access, renewal of the library fund.

2.4 Characteristics of the surrounding society. On EP «Hunting and fur farming» (bachelor's degree) employers are:

1. Isakhaev Bakhytzhan Akparovich M.Sc. in Agricultural Sciences, Inspector of operational group Peregrine Falcon. RGKP PO Okhotzoprom of the Committee of Forestry and Wildlife of the MENR RK
2. Berber Alexander Petrovich - Senior Researcher, Candidate of Biological Sciences LLP «Wildlife of Kazakhstan»

There are 6 contracts with economic entities, where the students undergo practical training. The list of farms is given below:

- 1 Karkarala State National Natural Park
- 2 Aksu-Zhabagly State Natural Reserve
- 3 RGU «State National Natural Park «Kokshetau»
- 4 RGU «State National Natural Park «Burabai»
- 5 RGCP «PO Okhotzoprom»
- 6 RGU «Korgalzhyn State Nature Reserve».

Much attention is paid to dual training of students. Teachers of the department according to the schedule of classes approved by the director of DAV conduct field classes.

Opportunities for graduates of the specialty as well as emerging threats.

Opportunities:	Threats:
<ol style="list-style-type: none"> 1. After mastering the educational programs of bachelor's degree graduates have the opportunity to continue their education on educational programs of postgraduate education. 2. The ability of educational programs to bring to a new qualitative, including international level. 	<ol style="list-style-type: none"> 1. Weakness of employers to formulate requirements to the competence of a graduate, which often differ from the content of mastered educational programs. 2. High cost of educational services compared to the average market price

international level. 3. Cooperation of agrarian universities of the republic in the training of specialists, exchange of experience in improving the effectiveness of educational programs.	compared to the average market price offered by competing universities. The high cost of educational services compared to the average market price offered by competing universities.
--	--

2.5 Information about teaching staff implementing educational programs.

The implementation of educational programs 6B08301-"Hunting and animal husbandry" is carried out by the teaching staff of the university in accordance with the cycle of general educational, basic, and profile disciplines.

The staff of the faculty of the Department of Hunting and Fisheries, which implements the OPb, has a doctor -1, associate professors-2, candidates of Sciences-2, 1 Hd and 2 masters.

Settlement according to GOP 6B083-"Forestry"

Academic year	Settlement according to GOP 6B083-"Forestry", %
2023-2024	61

2.6 Characteristics of EP achievement. The department conducts scientific research on contractual topics, in which the students directly participate. In 2019 was "Development of biological justification for artificial breeding and introduction of common pheasant (*Phasianus colchicus*) in the green zone of Nur-Sultan" and "Development of biological justification for breeding and reproduction of representatives of the group of birds of prey (Falconiformes) peregrine falcon, gyrfalcon, saker falcon". In 2020 "Biological substantiation for artificial breeding and introduction of common quail (*Coturnix coturnix*) and gray partridge (*Petdix petdix*) in the territories of the green belt of Nur-Sultan". The topics of diploma theses and master's theses of students correspond to these directions of scientific research.

In 2022-2023 academic year students of the 3-4 course of educational program 6B08301-"Hunting and animal breeding" participated Amanov Daniyar, Oryn Beibarys, Əlmukhan Əset in XV-Republican subject Olympiad which was held on April 27-28, 2023 on the basis of the Kazakh National Agrarian Research University of Almaty and took 2-3 prize-winning places.

According to the requirements of the labor market and at the suggestion of employers, new elective disciplines are introduced into the working curricula and catalogs of elective disciplines.

At present, in connection with the intensive development of the branch of wildlife conservation, there is a need for specialists of OP-"Hunting and fur farming".

After graduation graduates are employed in all economic entities, hunting farms, State Enterprise "Okhotzooptom", the Committee of Forestry and Wildlife of the Ministry of Economic Development and Trade of the Republic of Kazakhstan and other objects of this profile of the whole region of the Republic.

3. Characterization of the problems, which the EP development plan is aimed at solving, and justification of the necessity of their solution.

Educational programs have been created to train personnel to carry out professional activities in the field of rational use of biological resources, protection and reproduction of wildlife. Trained personnel according to these educational programs should have the

skills to study the state of animal numbers, possess scientific, industrial, organizational and managerial skills, be able to conduct experimental and theoretical research on modern problems and methods of protection and reproduction of the animal world, to develop biotechnical measures for the reproduction of wild animals and birds.

4. The main goals and objectives of the Development Plan with indications of terms and stages of its development. The plan for the development of the bachelor's degree program in OP 6B08301-«Hunting and animal husbandry» was developed based on the request of employers.

The purpose of the educational program is to train competitive, new-generation specialists in the labor market with broad fundamental knowledge and practical experience, who possess modern methods for the protection, control of reproduction and regulation of the use of wildlife and their habitat, as well as all types of hunting, including the provision of services in this area and the production of hunting and animal husbandry products with taking into account the requirements of employers. Providing economic entities of the Republic with various forms of ownership, highly qualified specialists with high theoretical and practical skills capable of implementing the following principles as: - priority of practice-oriented knowledge; - focus on the development of the local and regional community; - formation of the need for continuous development and innovation in the professional field, including continuing education; - formation of readiness to make decisions and act professionally in non-standard situations.

Основными задачами Плана развития являются следующее:

№	Name of task	Stages of development	Development timeframe
1	Improving the quality of education in accordance with the requirements of national and world standards	during the educational process	entire period of study
2	Formation of theoretical and practical knowledge, abilities and skills necessary for their realization in further professional activity, as well as for transition to the second level.	in senior courses	entire period of study
3	Consultation of employers and scientists of research institutes when choosing actual and practically significant topics of diploma works.	Consultations with employers and stakeholders	At the final stage of specialty training and at the beginning of master's and doctoral studies

5. Measures to reduce the impact of risks for the EP. Increase in the contingent of students, full provision of educational and methodical literature, conclusion of agreements with hunting farms for practical training and further employment, timely

5. Measures to reduce the impact of risks for OP

The following measures are used in the implementation of educational programs to reduce risks:

№ п/п	Name of possible risks	Measures to eliminate them
1	Insufficient provision of educational and methodological literature on professional disciplines in the state and English languages	To plan the annual release by scientists and teaching staff of scientific and educational literature in the state and English languages, according to the working curriculum of students
2	The traditional way of conducting classes	To improve and introduce innovative technologies of teaching and providing educational services at the level of world standards into the educational process
3	Outdated educational and laboratory facilities	Creation of modern educational, research and laboratory facilities based on public-private partnership, purchase of modern laboratory equipment
4	Lack of scientific and teaching staff due to retirement	Training of highly qualified scientific personnel through master's and doctoral studies (PhD) at the level of modern requirements
5	Small academic groups of students in Russian	Formation of a contingent of students of this profile through career guidance and information and advertising work, creation of multilingual learning groups

6. Action plan for the development of EP

Plan for the development of educational programs at Bachelor's, Master's and Doctoral programs

№	Name of events	Implementation timeline	Responsible	Expected results	Resource support
1	Formation of the Academic Committee on Educational Programs	September 2024-2028.	Syzdykov K.N., Narbaev S., Asylbekova A.S.	The academic committee will be approved by order of the rector of the university	
2	Development of the goal and objectives of educational	October 2024-2028.	Syzdykov K.N., Narbaev S., Asylbekova A.S.	Goals and objectives of educational programs will be	

	programs			developed according to modern requirements	
3	Definition of competencies of Bachelor's, Master's and Doctoral programs and disciplines of educational programs	November 2024-2028	Syzdykov K.N., Narbaev S., Asylbekova A.S.	Bachelor's, Master's, Doctoral Program competencies will be defined.	
3.1	Development of a common position on the competences of educational programs with employers	December 2024-2028	Syzdykov K.N., Narbaev S., Asylbekova A.S.	Common positions on the competencies of OPs will be developed with employers	
3.2	Development of a common position on the content of disciplines of educational programs with employers	December 2024-2028	Syzdykov K.N., Narbaev S., Asylbekova A.S.	Common positions on the content of OP disciplines will be developed with employers	
3.3	Formation and harmonization of EP competences and disciplines with Dublin descriptors	January-February 2025-2028.	Syzdykov K.N., Narbaev S., Asylbekova A.S.	The competencies of EP disciplines according to Dublin descriptors will be formed	
4	Formation of educational programs in accordance with professional standards	January-February 2025-2028.	Syzdykov K.N., Narbaev S., Asylbekova A.S.	The educational program is formed in accordance with professional standards	
5	Compilation of the academic calendar and working curriculum of educational programs	March-April 2025-2028.	Syzdykov K.N., Narbaev S., Asylbekova A.S.	Academic calendar and working curriculum of the EP are prepared	

6	Consideration of educational programs at the extended meeting of the department with the participation of employers	May 2025-2028	Syzdykov K.N., Narbaev S., Asylbekova A.S.	The EP will be reviewed at the extended meeting of the department with the participation of employers.	
7	Consideration and approval of educational programs at the Academic Council of the Faculty	May 2025-2028	Syzdykov K.N., Narbaev S., Asylbekova A.S.	EPs will be reviewed and approved at the Faculty Academic Council	

7. Mechanism of realization of the educational program development plan. To carry out purposeful work to increase the number of grants for bachelor's, master's and doctoral studies in the specialty "Hunting and fur farming". For the implementation of educational programs by the staff of the department developed catalogs of elective disciplines not directly involving employers. There will be organized trips of students to the basic farms, to higher educational institutions of the countries of near and far abroad. Leading scientists of near and far abroad countries will be invited to conduct lectures and practical classes for students. It is planned to conclude agreements on conducting dual training under educational programs. When organizing the "Graduates' Fair" employers from the spheres of various forms of economic entities of hunting farms from other regions of the Republic of Kazakhstan will be invited.

8. Assessment of socio-economic efficiency of the educational program development plan realization.

The socio-economic effect of the implementation of the OP development plan.

As a result of the introduction of educational programs in farms, scientific developments and recommendations of scientists of the department will be introduced, as well as explanatory work among graduates.

9. The model of the graduate of this educational program.

As a result of training the graduate should:

Have effective communication and social skills, including the ability to:

- Work with scientists from other institutions in collaborative projects and participate in activities (interpersonal competence);
 - demonstrate teamwork skills, show competence in negotiation and organizational skills (interpersonal competence);
 - join with other organizations in different cultural contexts (interpersonal competence);
 - present work in an accessible manner (interpersonal competence);
 - perceive innovations and changes positively (interpersonal competence);
- To know and understand* - the basics of legislation of RK in the field of intellectual property (instrumental competence);
- observance of the rules of speech culture (interpersonal competence);
 - classification, biology and ecology of animals and birds,
 - modern methods of lifetime and postmortem registration of animals and birds,

- organization and conduct of all types of hunting;
- reproduction and rational use of natural resources;
- breeding, keeping and use of fur-bearing animals;
- procurement, primary processing, processing and marketing of products of hunting and fur farming.

Be able to:

- implement modern scientific and information technologies in professional activity (instrumental and subject-specific competence);
- public speaking (instrumental competence);
- perform motivational, corrective, communicative methodological work in the conditions of using modern scientific achievements;
- apply information and telecommunication technologies of professional activity at the level of a qualified user (subject-specific competence);
- use methods and techniques of creative thinking development in professional activity (subject-specific competence);
- to apply technologies of utilization of animals referred to the objects of hunting and fur farming;
- use processes of organization and management of work in the field of hunting and fur farming;

To be competent:

- in the field of reproduction and rational use of natural resources, in the use of modern methods of lifetime and postmortem registration of animals and birds and procurement, primary processing, processing and marketing of products of hunting and fur farming.

Head of the Department



Aubakirova G.A.