



NJSC SHAKARIM UNIVERSITY OF SEMEY

DEVELOPMENT PLAN EDUCATIONAL PROGRAM

6B08303 - Forest resources and hunting

Semey

NJSC "UNIVERSITY NAMED AFTER SHAKARIM OF SEMEY CITY "

APPROVED

Member of the Board - Vice-Rector for
Academic affairs of I. Oralkanova
« 14 » 06 2023

DEVELOPMENT PLAN OF EDUCATIONAL PROGRAM
«6B08303 – Forest resources and hunting»
for 2023 -2027 years

Semey 2023

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1. Passport of the development plan of the educational program «6B08303 – Forest resources and hunting»

1	Basis for development	Strategic plan University name Shakarim on 2022-2026 gg. Plan work faculty
2	Timing implementation	2023 -2027 gg.
3	Expected results implementation	- provision of 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 forestry in accordance with the requirements of national and international standards

2. Analytical justification 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 4 years.

EP "6B08303 - Forest resources and game management" was developed by the Academic Committee.

Considered at a meeting of the Commission for Quality Assurance of the Faculty of Veterinary and Agromanagement (Protocol №. 4.1 dated April 06, 2023)

Approved at a meeting of the Academic Council of the University (Protocol №. 8 dated April 25, 2023).

The main criterion for the completion of the educational process is the development of at least 240 credits, with the award of the degree "Bachelor of Agriculture in the educational program" 6B08303 - Forest Resources and Game Science "

2.2 Information about students

Academic year Foundation of	2023-2024 academic year	2023-2024 academic year	2025-2026 academic year	2026-2027 academic year
Grant	98	98	110	114
Contract	66	66	80	85
Total	164	164	190	197

2.3 Internal and external conditions for development 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 "Forest resources and hunting". 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.

The educational department "Agriculture and bioresources" cooperates with the Agrarian University of Plovdiv, (Bulgaria), Russian State University named after Timiryazev, Voronezh State Agrarian University, Bashkir State Agrarian University, Novosibirsk State Agrarian University, Omsk State Agrarian University.

In March 2019, a memorandum of cooperation was signed with the Kazakh National Agrarian University.

In the 2020-2021 academic year, according to the EP, the educational department "Agriculture and Bioresources" introduced elements of dual education. The contracts were concluded with the Semey structural subdivision of the Republican State Enterprise "Republican Forest Selection and Seed Center" of the Committee for Forestry and Wildlife of the Ministry of Ecology, Geology of Natural Resources of the Republic of Kazakhstan. The department has developed Regulations on the creation of a branch of the department, which is updated annually.

Sociological surveys are conducted annually, for example, graduates of the Shakarim University of Semey, "On working conditions and the quality of management of the educational process in the NAO Shakarim University of Semey", "Population, employers of Semey on the quality of education and the demand for specialists, including .h. NAO Shakarim University of Semey city", "Teaching staff on readiness and problems in updating the EP". 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 NJSC Shakarim University of Semey, including the educational programs of the educational department "Agriculture and Bioresources". The results of the study will be aimed at further improving the system of competencies of the above educational programs.

The university, faculty, EP takes part in the "Traveling student" project, with the aim of the comprehensive development of the student, adaptation to the characteristics of the regions of the Republic of Kazakhstan, increasing academic knowledge and employment opportunities. Within the framework of this project, the student gets the opportunity to study for 1 semester at different universities. In the 2022-2023 academic year, Aubakirova A., a 2nd year student of the EP "Forest Resources and Game Science", left for the Recep Tayyip Erdogan University (Turkey) on external outgoing academic mobility. According to the program of internal academic mobility of students in EP 6B08303 - "Forest Resources and Game Science", a student of the LRO-101 group Nugumanova A. studies for one semester from 01/23/2023 to 05/24/2023 at NJSC Toraigyrov University.

In 2022, Nurzhanova K.Kh., head of the Department of Agriculture and Bioresources, completed advanced training courses "Innovative educational programs: development and implementation experience" and "ISO 37001 management systems", in 2021 - Dzhamanova G.I., manager of OP 6B08301 "Forest resources and forestry" - "Evaluation of learning outcomes in educational programs and achievement of competencies."

Some types of classes in certain disciplines of the EP "6B08303 - Forest Resources and Game Management" are conducted with elements of dual training directly on the basis of production, on the basis of agreements concluded with organizations: the head of the SSP RSE "Republican Forest Breeding and Seed Center" E. Borisenko, RSE SFNR «Semey Ormany».

2.4 Information about the teaching staff implementing the educational program

№	Indicators	Unit .	2023-2024 academic year	2023-2024 academic year	2025-2026 academic year	2026-2027 academic year
1	The proportion of teaching staff with a degree in EP.	%	60,3	65,5	70	75

2.5 Characteristics of the achievements of the EP

EP 6B08303 "Forest resources and hunting science" in the ranking of educational programs of universities in 2023 took 3rd place. An important indicator of the relevance and relevance of educational programs, their compliance with modern trends in education is the academic mobility of students and teaching staff. In the direction of the development of academic mobility, students go to Turkey, Pavlodar.

3 Main objectives of the EP development plan

- Improving and improving the conditions for obtaining a full-fledged, high-quality professional education.
- Updating the content of educational programs that form the basic professional competencies of future forestry specialists.
- Creation of prerequisites for independent search and research activities of the student in the framework of the experiment at all stages of his education.
- Development of measures for the development of work with scientific and technical information using domestic and foreign experience in professional activities.
- Consultations of employers and scientists of scientific research institutes when choosing topical and practically significant topics for graduation theses.

4 Risk analysis of the OP

№	Name of risks	Measures to eliminate
1	Reducing the contingent of students in the EP.	Carrying out active career guidance work on the attractiveness of OP 6B08303- "Forest Resources and Game Science" in order to attract a new contingent of students on a paid-contractual basis. Providing consulting assistance to applicants from rural schools in preparing for the UNT, choosing a specialty, organizing Olympiads in the disciplines of the UNT in rural schools, holding an "Open Day" at the faculty. Negotiate with akims of the regions on the allocation of targeted grants for training in the EP.
2	Insufficient level of language knowledge for the introduction of trilingual education	Improving the language training of teaching staff through training in language courses.
3	Decrease in the level of employment.	Constant monitoring of the employment of graduates and close cooperation with employers.

4	Insufficient development of external and internal academic mobility of students and teaching staff	Conclude agreements with foreign and Kazakh universities for the development of external and internal academic mobility of students and teachers by building their individual learning path and choosing educational programs from various universities around the world, including internships for students and teachers in leading foreign universities.
5	The risk of reducing the degree of teaching staff for EP.	To carry out a qualitative renewal of the staff of the teaching staff on the basis of continuity by attracting talented young people to teaching and scientific activities, as well as training their own personnel through PhD doctoral studies.
6	Increasing the scientific potential of teaching staff.	Participate in competitions for grants funded by the Ministry of Agriculture, the Ministry of Education and Science of the Republic of Kazakhstan, as well as economic contractual activities in order to increase the scientific potential of the teaching staff.

5. Action plan for the development of the EP

№	Criteria	Expected results	U nit rev	2023 -	2024 -	2025 -	2026 -	2027 -
				2024	2025	2026	2027	
Direction 1. Educational and methodological support								
1.1	Educational update programs based on professional standards, taking into account the recommendations of employers	Conducting an examination of the educational program "6B08303 - Forest Resources and Game Science" in order to increase practice orientation and development 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 key and professional competencies In graduates in accordance with the demands of the labor market.	fact..	+	+	+	+
1.3	Introduction to the educational process of modern learning technologies that contribute to the development of cognitive activity, and the 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 of the educational program "6B08303 - Forest resources and hunting"	Introduction to the educational process of disciplines. 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. %	75	85	95	98
1.4	Involvement of social partners and employers in the development, examination of the implementation of educational programs образовательных программ	Improving the quality of ongoing educational programs, taking into account market demands and employers' recommendations	units.	2	3	4	5
1.5	Development and implementation of elective courses in English	Introduction to the educational process of disciplines in English	units.	1	2	3	4
1.6	Conducting seminars and round tables on the use of innovative technologies in the educational process.	Implementation of innovative technologies in the educational process	%	95	100	100	100

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.	7	9	10	11
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	2	3
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	person	1	2	2	2
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 6B083 - Forestry	person	1	1	2	2
1.11	Development of outgoing academic mobility of teaching staff and students in the direction 6B083 - Forestry	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	person	2	2	3	3
Direction 2. Teaching staff.							
2.1	Professional development 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%	person	1	2	3	3
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	person	1	2	3	3


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	%	45	50	55	60
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)	%	50	60	70	80
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.	2	3	4	4
3.2	Attracting foreign students to study under the educational program "6B08303 - Forest Resources and Game Science"	Increasing the number of foreign students	person	1	2	2	3
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	2	2
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.	-	-	-	-

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	person	1	1	2	2
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 boards, multifunctional devices, webcam, projector screen, etc.)	units.	10	15	20	25
4.2	Carrying out automation of the educational process (testing, session management, movement of the contingent of students, dean's office, department, teaching staff load, schedule, library, syllabuses)	Information management based on the automation of the educational process (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 scientific research results	An increase in the number of results of scientific works of scientists, research of teaching staff and students, teaching staff (articles, monographs, etc.)	units.	100	100	100	100
4.4	Teaching staff and students, teaching staff (articles, monographs, etc.) 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	%	85	95	100	100

4.5	Monitoring the filling and improvement of the faculty website	Formation of the website of the faculty on various aspects of the implementation of educational programs.	%	85	90	95	100
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Head of the Department  Nurzhanova K.Kh.

CONSIDERED

at a meeting of the Commission for Quality Assurance of the Faculty of Veterinary Medicine and Agromanagement
 Protocol №. 6 of June 08, 2023
 Chairman of CQA  G. Jamanova

AGREED

Faculty Dean  N. Yesengulova
 June 14, 2023

