



NJSC SHAKARIM UNIVERSITY OF SEMEY

DEVELOPMENT PLAN EDUCATIONAL PROGRAM

6B08101 – Agronomy

Semey

NJSC "UNIVERSITY NAMED AFTER SHAKARIM OF SEMEY CITY "



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

DEVELOPMENT PLAN OF EDUCATIONAL PROGRAM
"6B08101 - Agronomy"
for 2023 -2027 years

Semey 2023

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1. Passport plan development EP undergraduate "6B08101 - Agronomy"

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 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.

OP "6B08101-Agronomy" was developed by the Academic Committee.

Considered at a meeting of the Commission for Quality Assurance of the Faculty of Veterinary Medicine and Agromanagement (Minutes No. 4.1 dated April 06, 2023). Approved at a meeting of the Academic Council of the University (Minutes No. 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" 6B08101- Agronomy ".

The overall goal of the educational program is to provide conditions for a full-fledged, high-quality basic higher education, which involves the training of competitive specialists - agronomy, who meet the needs of society in highly qualified personnel.

A graduate of this educational program is awarded the academic degree "Bachelor of Agriculture". Graduates can hold positions: - agronomists field growers; - agronomists for plant protection; - soil reclamators; - farmers-managers; - heads of collective farms and agricultural firms; - Inspector of seed control, variety testing, plant protection; - customs quarantine inspector; - in all types of laboratories processing crop products; - inspector of territorial inspections.

2.2 Intelligence about students

Academic year / Foundation of learning	2023-2024 academic year	2023-2024 academic year	2025-2026 academic year	2026-2027 academic year
	Undergraduate			
Grant	15	13	15	17
Contract	-	-	3	5
Total	15	13	18	22

2.3 Internal and external conditions for development EP

Teaching staff departments regularly is engaged release educational and methodical literature ByEP"6B08101 - Agronomy". On educational portal university Also presented educational materials disciplines V electronic format in Kazakh.

Professional practices of students are carried out in accordance with the approved through program of practices and in general answer qualifying training requirements specialists this profile.

Issues of vocational training, professional practice and employment of graduates are resolved on department With compulsory participation employers. Annually on department pass round tables, V work which are attended by heads and representatives of city and district akimats, agricultural enterprises. At the department organized meetings with alumni-employers, seminars With practical workers.

According to the agreement between universities students EP pass education academic mobility. Behind For the past five years, students have been studying academic mobility at the North Kazakhstan State university named after M. Kozybaev, West - Kazakh agrotechnical university them. Zhangir khana, NAO

"University Toraigyrov". In future planned academic mobility students to foreign universities.

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

IN March 2019 of the year signed memorandum O cooperation With Kazakh national agricultural university, A 2022 LLP "East Kazakhstan agricultural experienced station."

In the 2022-2023 academic year, according to the EP, the educational department "Agriculture and Bioresources" introduced elements dual education for 3rd year students. The contract was concluded with the East Kazakhstan fruit and vegetable GSU branch of the RSU "State Commission for Variety Testing of Agricultural Crops" of the Ministry of Agriculture of the Republic of Kazakhstan. On department developed Position O creation of a branch departments.

Sociological surveys are conducted annually, for example, graduates of the University, "On working conditions and quality management educational process V GU named after Shakarim, "Population, employers Semey O quality education And demand specialists, V including GU named after Shakarim, "PPS O readiness And problems V update EP". IN progress monitoring received results V form EPinions residents region O competencies graduates of the State University named after Shakarim Semey, including the educational programs of the educational department "Ruraleconomy and bioresources". The results of the study will be used to further improve the system competencies the above educational programs.

According to the program of internal academic mobility students ByEP6B08101 - Agronomy student groups AG-101 M yrat ova A.K., Bazaralina A.K. is studying V flow one semester With 01/23/2023 By 05/24/2023 G. V NAO Toraigyrov University .

Bases practitioner according toEP6B08101 - Agronomy:

1. East Kazakhstan zonal quarantine laboratory branch GU "Republican center quarantine plants" APK of the Ministry of Agriculture of the Republic of Kazakhstan
2. Republican methodical center phytosanitary diagnostics And forecasts APK of the Ministry of Agriculture of the Republic of Kazakhstan;
3. PVE "Balke" s.Birlik , Beskaragai district, region Abay ;
4. PVE "Bektemirov" G. Families, region Abai;
5. PVE "Lana" Beskaragai district, region Abai;
6. LLP "Semey Tazalyk " Families, region Abai;
7. QAZAQ LLP ASTYQ GROUP" c. Semey, region Abai;
8. East-Kazakhstan fruit and vegetable GSU branch of the RSU "State Commission for Variety Testingcrops" Ministry of Agriculture of the Republic of Kazakhstan;
9. LLP "East Kazakhstan agricultural experienced station" v.O p otnoe field, Glubokovsky area, VKO;
10. "Smart Agro Farm" KX , city Semey .

2.4 Intelligence O PPP, implementing educational program

No.	Indicators	Unit .	2023-2024 training year	2023-2024 training year	2025-2026 training year	2026-2027 training year
1	The proportion of teaching staff with a degree in EP.	%	56	60	65	75
2	Including the proportion of teaching staff with a scientific degree in the OOD cycle.	%	10	11	12	13

2.5 Characteristic achievements EP

EP 6B08101 "Agronomy" in the ranking of educational programs universities in 2022 year took 7 place and entered in TOP - 10 EP.

3. Main tasks plan development EP

For effective implementation EP determined the following tasks:

No	Name tasks	Timing development	Stages development
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 scientific research institutes when choosing topical and practically significant themes of theses.	Completion of undergraduate studies.	Offers from employers, interested parties and advice from managers.

4. Analysis risks EP

No	Name risks	Elimination measures.
1	Reducing the contingent of students in the OP	Regular quality conducting career guidance works
2	Insufficient level of knowledge of the language for the introduction of multilingualism.	Increasing the participation of students and teachers in language courses
3	Decrease in the level of employment	Communication with institutions, organizations with high Opportunity for internship and further employment
4	Insufficient development of external and internal academic mobility of students and teaching staff	Increasing the involvement of teaching staff and students in external and internal academic mobility
5	The risk of reducing the degree of teaching staff for EP.	An increase in the number of teaching staff enrolled in targeted doctoral studies, the intensification of the work of teachers, does not
6	Low number of publications in cited journals.	having an academic degree.
7	Lack of funded research topics.	Increase in the number of articles in scientific journals.

5. Action plan for the development of the EP

No.	Criteria	Expected results	Un it rev.	2023 -	2024 -	2025 -	2026 -	2026 -	2027
				2024	2025	2026	2027		
Direction 1. Educational and methodical security									
1.1	Updating the educational program based on professional standards, taking into account the recommendations of employers.	Conducting an examination of the Educational program "6B08101 - Agronomy" 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	Implementation V training process modern learning technologies, conducive development to cognitive activity, communicative capabilities 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	Introduction into the educational process of modern learning technologies that contribute to the development of cognitive activity, the communicative ability of students.	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	1	2	2
1.4	Introduction to the educational process of massive open online courses (MOOCs) under the educational program "6B08101 - Agronomy".	Improving the quality of ongoing educational programs, taking into account market demands and employers' recommendations.	units	2	2	2	2
1.5	Involvement of social partners and employers in the development, examination of the implementation of educational programs.	Introduction to the educational process of disciplines in English.	units	-	-	2	2
1.6	Development and implementation of elective courses in English	Implementation of innovative technologies in the educational process.	units	1	1	2	2

1.7	Conducting seminars and round tables on the use of innovative technologies in the educational process.	Improvement of educational and methodological support in the disciplines of educational programs being implemented.	units	1	1	2	3
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	2
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	2	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 "6B081 - Agronomy".	people	1	1	2	2
1.11	Development of outgoing academic mobility of teaching staff and students in the direction "6B081 - Agronomy".	Improvement of the educational program based on the use of experience in the implementation of such programs in the leading universities of the Republic of Kazakhstan.	people	1	1	2	2
Direction 2. Teaching compound							
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	1	2	2	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.	people	-	1	1	2


2.3	Promotion of publications of the teaching staff's works in international publications indexed by the Web of Science and Scopus databases.	An 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.	%	1	2	2	3
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
Direction 3. Internationalization 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.	Unit	1	1	1	2
3.2	Attracting foreign students to study under the educational program "6B08101 - Agronomy".	Increase in the number of foreign students.	Chel	-	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	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	1	1	2	2

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	-	Direction 4. Logistics and digitalization	Direction 4. Logistics and digitalization	Direction 4. Logistics and digitalization
Direction 4. Logistics and digitalization							
4.1	Gradual 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).	units	1	1	2	2
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	100	100	100	100
4.3	Replenishment of the full-text database of the results of scientific research of teaching staff and students, teaching staff (articles, monographs, etc.)	An increase in the number of results of scientific works of scientists, research of teaching staff and students, teaching staff (articles,	units	2	2	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.	%	100	100	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?	%	100	100	100	100
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Head of department  K. Nurzhanova

CONSIDERED

at a meeting of the Commission for Quality Assurance of the Faculty of Veterinary and Agromanagement
 Protocol № 6 of June 08.2023
 Chairman of the CC  G. Jamanova

AGREED

Dean of faculty  N. Yesengulova
 14 June 2023

