



NJSC SHAKARIM UNIVERSITY OF SEMEY

DEVELOPMENT PLAN EDUCATIONAL PROGRAM

6B11303 - Logistics and organization of transportation

Semey

NON-PROFIT JOINT-STOCK COMPANY «SHAKARIM UNIVERSITY OF SEMEY»

APPROVED

Board member – Vice-rector for academic affairs

I.Oralkanova

«25» 05 2023 .

EDUCATIONAL PROGRAM DEVELOPMENT PLAN

«6B11303 – Logistics and organization of transportation»

(code and name of educational program)

2023 – 2027

Semey 2023

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1. Passport of the Development Plan of the Bachelor's degree educational program «6B11303 – Logistics and organization of transportation »

1	The basis for the development	Shakarim University Strategic Plan for 2021-2025 Faculty Work plan
2	Terms of implementation	2023-2027
3	Expected results of implementation	Training of highly qualified and competitive personnel with professional competencies in the field of logistics and transportation organization

2. Analytical justification of the educational program

2.1 Information about the educational program

The educational program has been developed in accordance with the National Qualifications Framework and Professional Standards, according to the Dublin Descriptors and the European Qualifications Framework. The typical period of mastering the bachelor's degree program is 4 years.

The educational program "6B11303 – Logistics and transportation organization" was developed by the Academic Committee.

Reviewed at the meeting of the Quality Assurance Commission of the Faculty of Engineering and Technology (Protocol No. 4/6 of April 10, 2023)

Approved at the meeting of the Academic Council of the University (Protocol No. 8 of 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 a bachelor's degree in the field of services under the educational program "6B11303 Logistics and transportation organization".

The educational program was developed with the support of the European Union programs "GeKaVoC - transfer of dual educational programs in logistics, mechatronics and sustainable energy supply in Kazakhstan" and KazDual – "Introduction of a dual system in Kazakhstan", which are part of the educational program.

2.2 Information about students

Academic year	2023-2024 academic year	2024-2025 academic year	2025-2026 academic year	2026-2027 academic year
The basis of training				
Grant	15	15	15	15
Contract	5	5	5	5
Total	20	20	20	20

2.3 Internal and external conditions for the development of the educational program

For the development and implementation of the educational program "6B11303 – Logistics and organization of transportation", the department has created favorable and optimal conditions such as:

- high material and technical equipment of the OP (Training complex for training students in the specialty "Organization of transportation and management of transport" with a personal computer; Multimedia complex "Station Dubrovskaya"; Interactive electrified 3D model simulator "Station and section of the stretch with automatic locking" and simulator dummy "First aid" for the heart-pulmonary resuscitation; Automated training system AOS-D; 3D models of rolling stock and railway infrastructure facilities);

- training in 3 languages (state, Russian and English);
- modern educational and methodological base, with students' access to information and analytical resources;
- application of modern and interactive teaching tools and methods;
- introduction of dual training technology (practical classes are held on the basis of the branch of the department Branch of LLP "KTZ – Cargo transportation" - " Semey Freight Transportation Department ");
- Academic mobility (external – Pamukalle University (State University in Denizli, Turkey);
- high-quality professional infrastructure (educational resources).

In accordance with the working curricula and academic calendar, on the basis of an agreement on the joint establishment of a branch and the signing of a memorandum of cooperation, practical classes are conducted in a dual form on the basis of a branch of the department, a branch of LLP "KTZ – Freight Transportation" - "Semey Freight Transportation Department".

Cooperation with the branch has been conducted since 2014. Regarding the organization of the educational process for dual training and other powers within the framework of dual training, that is, when drawing up an educational program, as well as when forming the competence of graduates, the work is carried out in the form of consulting assistance.

The classrooms of the department "Technological Equipment and Mechanical Engineering" are equipped with modern equipment, comply with current sanitary standards, fire safety requirements, qualification requirements for the activities of educational organizations. These classrooms are used both for conducting classes in the disciplines of the OP, and for independent work of students. The educational program 6B11303 – "Logistics and organization of transportation" is sufficiently provided with basic methodological materials on the disciplines taught.

The classrooms of the Department "Technological Equipment and Mechanical Engineering" are connected to the WI-Fi network for online conferences, lectures, seminars with the participation of leading scientists of Kazakhstan, near and far abroad.

The classrooms of the Department "Technological Equipment and Mechanical Engineering" are connected to the WI-Fi network for online conferences, lectures, seminars with the participation of leading scientists of Kazakhstan, near and far abroad. The Portal of educational resources of the Shakarim University of Semey is functioning (<http://ais.semgu.kz>), which contains lectures, videos, hyperlinks, tasks for self-examination, presentations on topics, textbooks and other educational and methodological content on the studied disciplines of the OP, the content of which the teaching staff uses in the classroom, and to which students have round-the-clock access. The most common innovative methods developed by teaching staff of departments for lecturing, conducting practical and laboratory classes, protection and pre-protection of graduation papers include: video lectures, slide presentations, working with an interactive whiteboard, the use of multimedia complexes.

2.4 Information about teaching staff implementing the educational program

№	Показатели	Unit of measurement	2023-2024 academic year	2024-2025 academic year	2025-2026 academic year	2026-2027 academic year
1	The share of the teaching staff with an academic degree in the educational program	%	50	50	55	60
2	Including the share of the teaching staff with an academic degree in the cycle of general education disciplines	%	70	75	75	80

2.5 Characteristics of educational program achievements

The teaching staff of the Department is constantly improving knowledge and undergoing advanced training, including short-term refresher courses, visits to various seminars held by the Ministry of Education and Science of the Republic of Kazakhstan, internships at leading universities of Kazakhstan and educational and scientific centers.

Every year, practical teachers are involved in conducting classes:

1. Kurmanov Ildar Toleukhanovich - Head of Logistics and Transportation Organization Department;

2. Gurzhiy Elena Aleksandrovna - cargo dispatcher of Logistics and Transportation Organization Department;
3. Karimkhanov Bekzat Nurlanovich – Deputy Head of the Service for Industrial Safety and Ecology.

3. The main objectives of the educational program development plan

For the effective implementation of the educational program, the following tasks are defined: improving the quality of education in accordance with the requirements of domestic and international standards; attracting domestic and foreign scientific and pedagogical personnel to the educational process; developing human resources; attracting employers and students to the process of improving the educational program, determining the professional competencies of the graduate; strengthening the material and technical base; training educational and methodological support of disciplines offered by employers; ensuring the integration of education and science; information support of the educational process and the active use of innovative educational technologies; development of double-degree education.

The expected end results imply a clear orientation towards the future, which is manifested in training of highly qualified specialists, opportunities for students to build their education taking into account success in personal and professional activities that meet the requirements of employers, the introduction of research results into the educational process, participation in funded grant projects, the publication activity of the teaching staff in rating publications with a non-zero impact factor, the development and operation of joint educational programs with other universities, as well as academic mobility of the teaching staff and students.

4. Risk analysis of the educational program

The identification and assessment of risks is carried out in accordance with the Strategic Development Plan of the University until 2025. The mechanism for monitoring possible risks is surveys and questionnaires of students' satisfaction with the organization of the educational process, the quality of teaching, and the material and technical base. In order to assess the quality of the implemented educational program, meetings are held with specialists, graduates of previous years, students.

Monitoring is carried out systematically through questionnaires of employers who evaluate the quality of training of specialists. The results of the survey and monitoring of the risks of the educational program are analyzed and used in the future when updating educational programs.

№	Name of risks	Measures to eliminate
1	Decrease in the number of students enrolled in the educational program	Strengthening career guidance among students of schools and colleges by means of activating publications on social networks and holding meetings and excursions
2	Insufficient level of language knowledge for the introduction of trilingual education	Passing of language courses of the teaching staff and students
3	Decrease in the level of employment	Extensive involvement of practitioners for the implementation and development of the educational program, the formation of competencies that meet the requirements of the labor market.
4	Insufficient development of external and internal academic mobility of students and teaching staff	Expansion of geography of internal and external academic mobility of students, development of academic exchanges
5	The risk of reducing the settling down of the teaching staff according to the educational program	An increase in the number of students enrolled in master's and PhD doctoral studies.
6	Motivation of the teaching staff for scientific research, publication of scientific articles and results of research activities	The introduction of financial support for initiative teachers, the introduction of a rating assessment of the activities of the teaching staff in order to improve their professional level, motivation and stimulation of scientific and pedagogical activity (KPI).

5. Action plan for the development of EP

№	Criteria	Expected results	units of measurement	2023-2024 academic year		2024-2025 academic year		2025-2026 academic year		2026-2027 academic year	
				plan	Actual implementation	plan	Actual implementation	plan	Actual implementation	plan	Actual implementation
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 6B11303 - "Logistics and organization of transportation" in order to improve the practice orientation and development of professional competencies of graduates	fact.	+		+		+		+	
1.2	Monitoring and updating catalogs of elective disciplines in accordance with the development of key and professional competencies, the demands of the labor market	Improving the quality of the content of educational programs by including elective courses aimed at developing key and professional competencies of graduates in accordance with the demands of the labor market.	fact.	+		+		+		+	
1.3	Introduction of modern learning technologies into the educational process, contributing to the development of cognitive activity, communicative ability of students	Improving the quality of teaching academic disciplines, taking into account the novelty and variety of forms of work that contribute to the development of cognitive activity.	fact.	+		+		+		+	

1.3.1	Introduction of mass open online courses (MOOC) into the educational process according to the educational program 6B11303 – "Logistics and organization of transportation"	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.	unit	1		1		1		1	
1.4	Involvement of social partners and employers in the development, examination of the implementation of educational programs	Improving the quality of implemented educational programs taking into account market demands and recommendations of employers	unit	1		1		1		1	
1.5	Development and implementation of elective courses in English	Introduction of disciplines in English into the educational process	unit	1		1		1		1	
1.6	Conducting seminars and round tables on the application of innovative technologies in the educational process	Introduction of innovative technologies in the educational process	unit	1		1		1		1	
1.7	Publication of educational, methodical and scientific literature on the implemented educational programs	Improvement of educational and methodological support in the disciplines of the implemented educational programs	unit	1		2		2		2	

1.8	Conclusion of contracts with foreign and domestic partner universities in order to develop academic exchange of students of all levels and teaching staff	Creation of a database of foreign and domestic partner universities for the development of academic exchange of students of all levels and teaching staff	unit	1		1		1		1	
1.9	Inviting students from partner universities to study for a semester, short-term internships, internships, etc.	Development of international recognition of educational programs, implementation of academic mobility programs for students	number of people	1		1		1		1	
1.10	Participation of the teaching staff and students in international academic exchange programs	Development of international cooperation with foreign universities implementing educational programs in the direction 6B113 Transport services	number of people	1		1		1		1	
1.11	Development of outgoing academic mobility of teaching staff and students in the direction of 6B113 Transport services	Improvement of the educational program based on the use of the experience of implementing such programs in the leading universities of the Republic of Kazakhstan	number of people	1		1		1		1	
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 passed advanced training at the national level is at least 20%	number of people	1		1		1		1	

2.2	Advanced training, retraining, internships of teaching staff at the international level	Completion of at least 2 teachers of the advanced training program, retraining, internships of teaching staff at the international level	number of people	1		1		1		1	
2.3	Promotion of publications of the works of teaching staff in international publications indexed by the Web of Science and Scopus databases	Increase in the share of teaching staff who have 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	%	30		30		30		30	
2.4	Involvement of practical specialists in teaching and scientific activities	Participation in the implementation of educational programs of practitioners (at least 20% of specialists)	%	20		30		30		30	
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 of students	unit	1		1		1		1	
3.2	Attracting foreign students to study under the educational program 6B11303 - "Logistics and organization of transportation"	Increasing the number of foreign students	number of people	1		1		1		1	
3.3	Organization of joint scientific and practical events with international partners	Improving the efficiency of scientific and methodological activities of teaching staff, exchange of experience with foreign partners	unit	1		1		1		1	
3.4	Invitation of foreign specialists to give lectures and consultations on master's projects and dissertations	Improvement of the content component of educational programs based on the introduction of the experience of foreign specialists in the implementation of educational programs	unit	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	number of people	1		1		1		1	
Direction 4. Logistics and digitalization											
4.1	Step-by-step equipping of classrooms with technical training tools (projectors, panels, interactive and multimedia whiteboards, multifunctional devices, webcam, projector screen, etc.)	Equipping classrooms assigned to the department with technical training tools (projectors, panels, interactive and multimedia boards, multifunctional devices, webcam, projector screen, etc.)	unit	1		1		1		1	
4.2	Automation of the educational process (testing, session management, student contingent movement, dean's office, department, teaching staff load, schedule, library, syllabuses)	Information management based on the automation of the educational process (testing, session management, student contingent movement, dean's office, department, teaching staff load, schedule, library, syllabuses)	fact.	+		+		+		+	
4.3	Replenishment of the full-text database of research results 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.)	unit	1		1		1		1	

4.4	Expansion of the fund of scientific and educational literature, including on electronic media for implemented educational programs	Ensuring the implementation of educational programs based on modern educational and information resources, including on electronic media	%	20		20		20		20	
4.5	Monitoring the content and improvement of the faculty's website	Formation of the faculty's website on various aspects of the implementation of educational programs.	%	60		70		80		100	

Head of the Department TE and ME

Zhumadilova G.A.

REVIEWED

at the meeting of the Quality Assurance Commission of the Faculty of Engineering and Technology

Protocol of the meeting No. 5 dated 05/25/2023

Chairman Abdilova G.B.

AGREED

Dean of the Faculty

"25" May 2023



Nurymkhan G.N.