

**Joint-Stock Company
"Academy of Logistics and Transport"**



APPROVE
US ALT decision dated
2022 (Protocol № 3)
President-Rector
Amirgalieva S.N.

EDUCATIONAL PROGRAM

Name: "8D11362 - Logistics (by industry)"

Level of preparation: doctoral studies

Code and classification of areas of training: 8D113 - Transport services

Code and group of educational programs: D148 - Logistics by industry

Ddate of registration in the register: 27.05.2021

Rregistration number: 8D11300008

Almaty, 2023

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1. INFORMATION ABOUT THE REVIEW, APPROVAL AND APPROVAL OF THE PROGRAM, DEVELOPERS, EXPERTS AND REVIEWERS

1 DEVELOPED:

Ph.D., Associate Professor, Head of the Department of Logistics and Transport Management at the Academy of Logistics and Transport



Mussaliyeva R.D.

President of the Association "Partnership for Transport and Logistics in Central Asia"



Bulekbayev B. R.

Doctoral student of group D-L-20-01 of the Academy of Logistics and Transport



Olzhabayeva R. S.

2 EXPERTS:

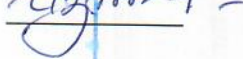
Ph.D., Advisor to the President of a freight forwarding company «Shyngar Trans» LLP



Toktamysova A. B.

Doctor of Technical Sciences, Professor of the School of Management, Almaty Management University

Подпись заверяю
Қол қойғаның растаймын



Izteleuova M. S.

3 REVIEWER:

Doctor of Technical Sciences, assoc. Professor of the Department "Organization of transportation and Operation of Transport" of the Academy of Logistics and Transport



Musabaev B. K.

4 REVIEWED AND RECOMMENDED:

Meeting of the department "Logistics and management in transport"

Minutes No. 6 a February 27, 2023



Mussaliyeva R.D.

Meeting of the COC-UMB of the Institute "Logistics and Management"

Minutes No. 4 February 28, 2023



Kaltaev A.K.

UMC meeting

Minutes No. 4a March 29, 2023



Zharmagambetova M.S.

APPROVED decision of the Academic Council of March 30, 2023 (minutes No. 13)

UPDATED 08.08.2023 г.

2. REGULATORY REFERENCES

The educational program is developed on the basis of the following legal acts and professional standards:

1. Law of the Republic of Kazakhstan "On Education" dated July 27, 2007 No. 319-III (as amended and supplemented as of March 27, 2023).
2. National qualifications framework approved by the protocol of March 16, 2016 by the Republican tripartite commission on social partnership and regulation of social and labor relations.
3. Sectoral Qualifications Framework for the "Education" sphere, approved by the Protocol of the meeting of the sectoral commission of the Ministry of Education and Science of the Republic of Kazakhstan on social partnership and regulation of social and labor relations in the field of education and science dated November 27, 2019 No. 3.
4. State obligatory standard of higher education (Order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated February 20, 2023 No. 66).
5. Qualification directory of positions of managers, specialists and other employees, approved by order of the Minister of Labor and Social Protection of the Population of the Republic of Kazakhstan dated August 12, 2022 No. 309.
6. Rules for organizing the educational process on credit technology of education in organizations of higher and (or) postgraduate education, approved by Order of the Minister of the Ministry of Education and Science of the Republic of Kazakhstan No. 152 dated April 20, 2011 (with additions and changes dated April 04, 2023 No. 145).
7. The classifier of areas for training personnel with higher and postgraduate education, approved by order of the Minister of Education and Science of the Republic of Kazakhstan dated October 13, 2018 No. 569 (as amended and supplemented as of June 05, 2020).
8. The algorithm for including and excluding educational programs in the Register of educational programs of higher and postgraduate education, approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated December 4, 2018 No. 665 (with additions and changes as of December 23, 2020 No. 536).
9. RI-ALT-33 "Regulations on the procedure for developing an educational program for higher and postgraduate education."
10. Professional standard "Freight forwarding services" of NCE RK "Atameken" Order No. 239 dated 09/06/2018;
11. The professional standard "Logistics of passenger transportation" of NCE RK "Atameken", approved by Order No. 256 dated December 20, 2019;
12. The professional standard "Container transportation" of NCE RK "Atameken", approved by Order No. 256 dated 12/20/2019;
13. Professional standard. Freight forwarding services of NCE RK "Atameken", approved by Order No. 239 dated 09/06/2018.;
14. Professional standard: Dispatch control at the warehouse of NCE RK "Atameken", approved by Order No. 256 dated 12/20/2019;
15. Professional standard. Logistics activities for the transportation of goods in the supply chain of NCE RK "Atameken", approved by Order No. 256 dated 12/20/2019;
16. Professional standard. Loading and unloading of cargo or baggage of passengers, regardless of the type of transport of NCE RK "Atameken", approved by Order No. 256 dated 12/20/2019;
17. Professional standard. Production logistics of NCE RK "Atameken", approved by Order No. 256 dated 12/20/2019;
18. Professional standard. Warehousing and storage of goods of NCE RK "Atameken", approved by Order No. 256 dated 12/20/2019.

3. PASSPORT OF THE EDUCATIONAL PROGRAM

No.	Field name	Note
1	Registration number	8D11300008
2	Code and classification of the field of education	6B11 Services
3	Code and classification of areas of study	8D113 Transport services
4	Code and group of educational programs	D148 Logistics (by industry)
5	Name of the educational program	8D11362 Logistics (by industry)
6	OP type	New
7	Purpose of the OP	Training of competitive, qualified, scientific and pedagogical personnel with fundamental scientific and professional skills, able to generate ideas based on creative thinking and creative approach to scientific research in the field of optimization of logistics processes in the transport services market.
8	ISCED level	8
9	NQF level	8
10	ORC level	8
11	Distinctive features of the OP	eleven
	Partner university (SOP)	-
	Partner university (DDOP)	-
12	Form of study	Full-time
13	Language of instruction	russian
14	Volume of loans	180
15	Awarded Academic Degree	Doctorate
16	Availability of an application to the license for the direction of personnel training	KZ12LAA00025205 (006)
17	Availability of EP accreditation	available
	Name of the accreditation body	Independent accreditation and rating agency (HAAP/IAAR)
	Validity of accreditation	11.06.2021 y – 10.06.2026 y.

4. COMPETENCE MODEL OF A GRADUATE

Objectives of the educational program:

Objectives of the educational program:

1. Assistance in the formation of the graduate's ability:

1) apply knowledge, understanding and the ability to solve problems in new or unfamiliar situations in contexts and within broader (or interdisciplinary) fields related to the field being studied;

2) demonstrate knowledge, skills, and abilities that provide foresight and preliminary assessment of research results;

3) formation of skills and abilities for the implementation of a specific scientific process, experiment, experience;

4) formation of high-level skills in working with primary and secondary sources, while paying special attention to the ability to analyze and identify problematic aspects;

5) formation of creative thinking and ideas about the processes of solving strategic tasks of designing and managing logistics infrastructure facilities at the macroeconomic level.

2. Assistance in the formation of graduate readiness:

1) be able to conduct research that can contribute to the development of logistics science and deserves to be published in scientific publications with a high scientific rating both at the national level and at the foreign level;

2) demonstrate the presence of a significant amount of scientific knowledge acquired systematically and reflecting the current state of science and practice in the field of logistics;

3) demonstrate the ability to develop and implement projects to create new knowledge or practical proposals in relevant areas of logistics;

4) demonstrate a detailed understanding of the scientific methods used for scientific research.

5) demonstrate knowledge on solving an important socio-economic task of ensuring effective logistics activities and, thereby, meeting the needs of consumers

Learning outcomes:

LO1 - To systematize economic and mathematical methods of servicing transport users, models and principles of interoperability and modeling of transport and logistics processes.

LO 2 - Analyze theoretical and applied problems of transport science with the development of models of logistics business processes.

LO 3 - Generate methodological recommendations for the development of interoperability projects and reengineering of business processes in transport.

LO 4 - Formulate academic and scientific texts of various genres when performing original research works in publications of various levels.

LO 5 - To study the performance indicators of the transport complex, the methodology of servicing transport users, taking into account modern scientific approaches.

Key professional competencies:

As a result of mastering the educational program, the doctoral student will be able to:

– possess the skills of critical analysis, evaluation and comparison of various scientific theories and ideas; analytical and experimental scientific activities, planning and forecasting research results;

– has the skills of a systematic understanding of the field of study and demonstrates the quality and effectiveness of selected scientific methods, participation in scientific events, fundamental scientific domestic and international projects;

- is able to analyze and process information from various sources, conduct independent scientific research characterized by academic integrity, based on modern theories and methods of

analysis;

- is able to economically justify and solve issues related to the organization of the production process, solve the tasks of strategic management of logistics activities (processes in supply, production, distribution, inventory management, transport and warehouse activities, customs clearance, insurance, etc.) of the organization and/or its divisions;

- is able to apply methods and models in the study of transportation processes in the transport industry, in scientific research, in modeling supply chains and changing the relevant information flows circulating between the transport industry and the external environment of companies;

- has the skills to acquire new knowledge, expand and deepen knowledge necessary for daily professional activities, be able to systematically evaluate investment decisions on the strategic development of logistics infrastructure according to the degree of their impact on the effectiveness of the organization.

Field of professional activity: the field of science and technology, which includes a set of tools, methods and methods of human activity aimed at solving complex problems related to the organization of delivery in transport, modeling and designing the movement of vehicles, studying the processes and patterns of the organization of transport on the basis of modern management and marketing.

Objects of professional activity:

- transport, distribution and manufacturing companies of various fields of activity;
- state bodies of the republican and territorial level;
- organizations and enterprises of the transport industry in the field of transportation process management and operation of transport (railway, automobile, air, industrial, urban), freight and passenger transportation service;
- marketing services and departments for the study and maintenance of the transport services market;
- production and sales systems, organizations and enterprises of information support of production and technological systems;
- research and design institutes

Types of professional activity:

- scientific research;
- pedagogical;
- experimental research;
- organizational and managerial;
- design and technological.

Functions of professional activity:

- optimization of the processes of delivery, storage and shipment of goods, organization of cargo delivery with the least financial and time costs;
- performing work with suppliers and customers, forming and placing an order, drafting and submitting documents to licensing authorities,
- control and coordination of the warehouse, transport service, preparation of primary documentation, its systematization and the formation of registers;
- planning and organization of the logistics process in organizations, management of logistics processes in procurement, production and distribution;
- optimization of the organization's resources related to the management of material and non-material flows;
- evaluation of the efficiency of logistics systems and control of logistics operations.
- performance of works in the field of scientific and technical activities, design, information service, technical control;
- analysis and justification of decisions taken and implemented, finding reserves to reduce the cycle of work, assistance in preparing the process of their implementation.

The list of specialist positions:

- researcher;
- Professor, Associate Professor, Associate Professor, Senior Lecturer;
- manager in education;
- researcher;
- specialists in designing the logistics development strategy of the organization, choosing innovations in logistics;
- specialists of scientific research institutes;
- teachers of higher educational institutions and colleges.

Professional certificates obtained at the end of training: not provided.

Requirements for the previous level of education: master's degree in scientific and pedagogical direction.

The educational program of the scientific and pedagogical doctoral program includes two types of practical work:

- pedagogical practice – in the organization of education;
- research practice – at the place of completion of the dissertation.

Research practice.

Research practice is a type of research activity aimed at deepening and systematizing the theoretical and methodological training of a doctoral student, practical mastery of the technology of research activities, acquisition and improvement of practical skills in performing scientific and experimental work in accordance with the requirements for the level of training of a PhD doctor. The students' research practice is conducted in order to familiarize themselves with the latest theoretical, methodological and technological achievements of domestic and foreign science, with modern methods of scientific research, processing and interpretation of experimental data. The content of the research practice is determined by the topic of the dissertation research.

The doctoral student's research practice is conducted at the place of study or in scientific organizations, which can be considered as experimental sites for conducting research related to the topic of a doctoral dissertation. During the practice, doctoral students are given the opportunity to conduct experimental research according to a pre-developed program that takes into account the tasks of the doctoral dissertation.

Pedagogical practice.

The pedagogical practice of doctoral students is the practical training of future teachers, conducted in conditions as close as possible to the professional activity of a teacher. Pedagogical practice is aimed at the formation of functional competencies, at the development of abilities to perform tasks in the professional and educational spheres. In the process of pedagogical practice, the professional and personal development of future teachers is activated. During the practice, doctoral students draw up and implement an educational activity plan with a group of students, develop and conduct a system of classes reflecting the completed segment of the learning process based on the content of the core disciplines, demonstrate mastery of modern technologies and teaching methods.

The purpose of teaching practice is:

- consolidation and deepening of knowledge in general scientific, psychological and pedagogical, methodological, basic and profile disciplines;
- formation of pedagogical skills, skills and competencies based on theoretical knowledge.

The program of pedagogical practice is developed by the department and approved by the President-Rector of the Academy of Logistics and Transport.

The program of pedagogical practice should be aimed at developing professionally significant skills among students and the formation of key competencies:

- planning, forecasting, analysis of the main components of the learning and upbringing process;
- the use of various forms and methods of organizing and implementing educational, cognitive, labor, social, environmental, recreational, gaming and other types of student activities;

- implementation of an individual approach to students in the course of educational and educational work, taking into account the peculiarities of their development;
- conducting pedagogical diagnostics of the state of the pedagogical process.

Educational organizations providing secondary vocational education and higher education are the bases of pedagogical practice.

The duration of pedagogical practice is determined by the Curriculum of the educational program in the field of personnel training 8D113 – Transport services.

Research work of doctoral students (RWDS).

The planning of research in weeks is determined based on the standard work time of the doctoral student during the week. The number of credits allocated for the implementation of research and development in a specific academic period is determined by the working curriculum of the professional educational program in the field of personnel training 8D113 – Transport services.

RWDS must:

- 1) correspond to the main problems of the educational program of the doctoral program on which the doctoral dissertation is being defended;
- 2) be relevant and contain scientific novelty and practical significance;
- 3) be based on modern theoretical, methodological and technological achievements of science and practice;
- 4) be based on modern methods of data processing and interpretation using computer technology;
- 5) be carried out using modern scientific research methods;
- 6) contain research (methodological, practical) sections on the main protected provisions.

The doctoral dissertation is carried out during the research period.

Within the framework of research and development, the individual work plan of a doctoral student for familiarization with innovative technologies and new types of production provides for mandatory passage of a foreign scientific internship in scientific organizations and (or) organizations of relevant industries or fields of activity.

The purpose of the research work is to prepare a doctoral student who knows the methodology of scientific knowledge of processes and is able to apply scientific methods in the study of problems of modern production, the final result of whose research activity is the writing and successful defense of a doctoral dissertation.

Tasks of research work:

- to prepare highly qualified specialists of modern education with broad fundamental knowledge;
 - to develop the abilities and abilities of doctoral students to critically analyze and master theoretical concepts in order to implement them into practice and with subsequent testing at the international level;
 - to form doctoral students' abilities for professional growth and self-development, skills for independent creative acquisition of new knowledge throughout their active life.
- As a result of mastering the doctoral program, graduates should be prepared to perform the following types and tasks of professional research work:
- demonstrate a systematic understanding of the field of study, mastery of the skills and research methods used in this field;
 - plan, develop, implement and adjust a comprehensive research process;
 - to contribute with their own original research to the expansion of the boundaries of the scientific field, which may deserve publication at the national or international level;
 - critically analyze, evaluate and synthesize new and complex ideas;
 - communicate your knowledge and achievements to colleagues, the scientific community and the general public;
 - to promote the development of a knowledge-based society.

The foreign scientific internship is conducted in order to:

- completing the tasks of the doctoral dissertation;
- familiarization with innovative technologies and new types of production;
- familiarization with the latest theoretical, methodological and technological achievements of domestic and foreign science;
- familiarization with modern methods of scientific research, processing and interpretation of experimental data;
- consolidation of theoretical knowledge gained in the process of learning, acquisition of practical skills, competencies and professional experience in the field of study, as well as the development of advanced foreign experience.

Requirements for research and development:

- 1) compliance with the main problems of the educational program of the doctoral program, on which the doctoral dissertation is being defended;
- 2) it is relevant and contains scientific novelty and practical significance;
- 3) it is based on modern theoretical, methodological and technological achievements of science and practice;
- 4) it is based on modern methods of data processing and interpretation using computer technology;
- 5) performed using modern scientific research methods;
- 6) contains research (methodological, practical) sections on the main protected provisions.

The Academy defines special requirements for the preparation of a doctoral student in the research part of the program. Special requirements include:

- knowledge in the field of scientific and managerial activities in the context of constant updating of knowledge and modernization of society;
- conducting independent research activities on problems and disciplines;
- the ability to practically process and transmit information using modern technical means;
- the ability to predict the directions of technical and scientific development of the country;
- possession of modern specialized skills and methods necessary for making effective decisions in the field of engineering and technology.

Scientific consultants are obliged to ensure the organization of research and development, its high-quality scientific and methodological formulation.

The doctoral student's scientific consultants are responsible for the quality of the R&D organization.

The main content of the research is reflected in the individual work plan of the doctoral student.

Research and development, as part of the main educational programs of doctoral training areas, contributes to the formation of highly qualified specialists capable of solving scientific and practical issues in engineering and technology.

The content of the research project.

The doctoral student's research work can be carried out in the following forms:

- performing tasks of a scientific consultant in accordance with the approved research work plan;
- participation in the research work of the department;
- participation in scientific and scientific-methodological seminars held by the Academy, the Department;
- the use of modern methods of data processing and interpretation using computer technology;
- participation in the development of project documents and other provisions related to the subject area of scientific research;
- participation in scientific research, including joint scientific projects and programs;

- preparation and defense of a doctoral dissertation.

The forms of research work of doctoral students can be specified and supplemented depending on the specifics of the doctoral program, the topics of doctoral dissertations.

The research work of doctoral students includes:

- research work;
- field scientific trips (including participation in scientific conferences and seminars, internship at the basic university of a foreign scientific consultant);
- scientific publications;
- writing a doctoral dissertation.

Organization of a foreign scientific internship within the framework of Research and development.

The foreign scientific internship is one of the most important components in the preparation of PhD doctors and is implemented in accordance with the IPRD in terms determined by the academic calendar and the individual work plan of the doctoral student.

The terms of the foreign scientific internship are determined by the Academy independently. The completion of a foreign scientific internship is usually planned in the second year of doctoral studies.

The doctoral student's foreign scientific internship is conducted on the basis of contracts concluded with enterprises / organizations / institutions, universities and scientific organizations and leading scientists of foreign countries within the framework of Agreements and Memoranda of cooperation in the field of education and science, as well as on the basis of personal invitations from educational and scientific organizations.

Completing exchange programs, including dual degree programs, and joint educational programs with foreign universities and organizations is equivalent to completing a foreign scientific internship.

The foreign internship of doctoral students is carried out within the framework of a dissertation research at a university and / or a large research center near or far abroad at the place of work of a foreign consultant within the time agreed with him.

In case of non-completion of a foreign scientific internship, a doctoral student is not allowed to complete the final certification.

The final certification of a doctoral student is carried out in the form of writing and defending a doctoral dissertation.

The purpose of the final certification of a doctoral student is to assess the scientific-theoretical and research-analytical level of a doctoral student, the formed professional and managerial competencies, readiness to independently perform professional tasks and compliance of his training with the requirements of the educational program of doctoral studies.

Students who have completed the educational process in accordance with the requirements of the educational program, work curriculum and work curricula, as well as who have passed the preliminary defense (extended meeting) based on the results of the dissertation research, are allowed to complete the final certification.

5. MATRIX OF CORRELATION OF LEARNING OUTCOMES IN THE EDUCATIONAL PROGRAM WITH EDUCATIONAL DISCIPLINES / MODULES

No.	Name of the discipline	Number of credits	Matrix for correlating learning outcomes in an educational program with educational disciplines				
			LO 1	LO 2	LO 3	LO 4	LO 5
1	2	3	4	5	6	7	8
1	Academic Writing	4	+				
2	Methods of scientific research	6		+	+		
3	The principle of interoperability in transport	5				+	+
4	Methodology for servicing transport users	5			+	+	
5	Business process reengineering	5		+			+
6	Modeling of logistics processes in production	5		+		+	
7	System analysis of transport operation	5		+	+		
8	Teaching practice	10	+	+			
9	Research practice	10	+	+	+	+	+
10	Scientific research work	123	+	+	+	+	+
11	Final certification	12	+	+	+	+	+

6. THE STRUCTURE OF THE EDUCATIONAL PROGRAM OF THE DOCTORAL PROGRAM IN THE SCIENTIFIC AND PEDAGOGICAL DIRECTION

№ п/п	Name of cycles and disciplines	General labor intensity	
		in academic hours	in academic credits
1.	Cycle of general education disciplines (GED)	750	25
1)	University component	600	20
	Academic Writing	120	4
	Methods of scientific research	180	6
	Teaching practice	300	10
2)	Component of choice	150	5
	The principle of interoperability in transport	150	5
	Methodology of service for transport users		
2	Cycle of core disciplines (CD)	600	20
1)	University component	450	15
	Business process reengineering	150	5
	Research practice	300	10
2)	Component of choice	150	5
	Modeling of logistics processes in production	150	5
	System analysis of transport operation		
3	Research work of a doctoral student	3690	123
4	Final certification	360	12
1)	Writing and defending a doctoral dissertation	360	12
	Total	5400	180

7. WORKING CURRICULUM FOR THE ENTIRE PERIOD OF STUDY

Форма обучения: очная

Срок обучения: 3 года

Примечание: 2023 год

АО "Академия логистики и транспорта"

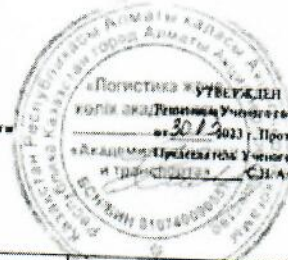
УЧЕБНЫЙ ПЛАН

Направление подготовки: 80113 Транспортные услуги

Группа обязательных программ: D148 Логистика (по отраслям)

Образовательная программа: 8011362 - Логистика (по отраслям)

Степень: доктор философии PhD



Логистика УТВЕЖДЕН

Коллегия Академии Ученого совета А.П.

от 30.12.2023 г. Протокол № 13

«Академия Логистики и Транспорта» Ученого совета

и транспорта С.И. Амиргалиева

№	Код дисциплины	Наименование курсов и дисциплин	Объем трудоемкости		Форма контроля, семестр		Объем учебной нагрузки, контактные часы						Распределение по семестрам						Зачисление за квалитрой	
			в академических часах	в академических кредитах	Экзам.	КР (КР)	Всего часов	Аудиторные			СРО		1 курс		2 курс		3 курс			
								лекции	практические	лабораторные	СРОП	СРО	1 сем.	2 сем.	3 сем.	4 сем.	5 сем.	6 сем.		
1		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1		ЦИКЛ БАЗОВЫХ ДИСЦИПЛИН (БД)	750	25	4	0	450	60	120	0	24	276	15	10	0	0	0	0		
1.1		Вузовский компонент	600	20	2		300	30	75	0	16	179	10	10	0	0	0	0		
1.1.1	19-0-D-VK-AP	Академическое письмо	120	4	1		120		45		8	67	4							ЯП
1.1.2	19-0-D-VK-MEN	Методы научных исследований	180	6	1		180	30	30		8	112	6							ОНЭТ
1.1.3	19-0-D-VK-RDP	Педагогическая практика	300	10	2								6							ОНЭТ
1.2.		Компонент по выбору	150	5	2	0	150	30	15	0	8	97	5	0	0	0	0	0		СТДнФФ
1.2.1	19-0-D-KV-PTT	Принцип интероперабельности на транспорте	150	5	1		150	30	15		8	97	5							ЛМТ
1.2.2	19-0-D-KV-MORT	Методология обслуживания пользователей транспорта																		ЛМТ
2		ЦИКЛ ПРОФИЛИРУЮЩИХ ДИСЦИПЛИН (ПД)	600	20	4		300	60	30		16	194	10	0	10	0	0	0		
2.1.		Вузовский компонент	450	15	2		150	30	15	0	8	97	5	0	10	0	0	0		
2.1.1	19-09-00-D-VK-RBP	Реинжиниринг бизнес процессов	150	5	1		150	30	15		8	97	5							ЛМТ
2.1.2	19-0-D-VK-IPR	Исследовательская практика	300	10	3								10							ЛМТ
2.2.		Компонент по выбору	150	5	2	0	150	30	15	0	8	97	5							ЛМТ
2.2.1	19-0-D-KV-PTP	Моделирование логистических процессов на производстве	150	5	1		150	30	15		8	97	5							ЛМТ
2.2.2	19-09-00-D-KV-SART	Системный анализ работы транспорта																		ЛМТ
		ИТОГО ПО ТЕОРЕТИЧЕСКОМУ КУРСУ ОБУЧЕНИЯ (ТКО):	1350	45	8	0	750	135	165	0	40	410	25	10	10	0	0	0		ОНЭТ
4.		НАУЧНО-ИССЛЕДОВАТЕЛЬСКАЯ РАБОТА ДОКТОРАНТА	3690	123									5	20	20	30	30	18		ЛМТ
5		ИТОГОВАЯ АТТЕСТАЦИЯ	360	12																ЛМТ
		ИТОГО ЗА ВСЬ ПЕРИОД ОБУЧЕНИЯ	5400	180	8	0													12	ЛМТ
6.		ДОПОЛНИТЕЛЬНЫЕ ВИДЫ ОБУЧЕНИЯ (ДВО):											30	30	30	30	30	30		ЛМТ
		Дополнительные виды обучения (ДВО)																		

Согласовано

Проректор по АД  Жармагамбетова М.С.

Директор ДАПК  Линская М.А.

Разработано:

Директор института  А.К. Капцов

Заведующий кафедрой "ЛМТ"  Р.Д. Мусалимова

8. CATALOG OF DISCIPLINES OF THE UNIVERSITY COMPONENT

EDUCATIONAL PROGRAM

8D11362 - Logistics (by industry)

Education level: Doctoral studies

Duration of study: 3 years

Year of admission: 2023

Module	Cycle	Component	Name of discipline	Total labor intensity		Semester	Learning outcomes	Brief description of the discipline	Prerequisites	Post-requirements
				in academic hours	in academic credits					
1	2	3	4	5	6	7	8	9	10	11
Module 1 – Scientific and pedagogical	BD	UC	Academic Writing	120	4	1	ON1	The objectives of the discipline are: mastering the structural features and requirements for academic and scientific texts. To improve the skills of abstracting and expanding the presentation of information, writing a bibliographic review. The ability to report on scientific achievements of international science and write scientific articles for publication in international publications.	Master's degree courses	SRWD, Research practice, IA

competencies	BD	UC	Methods of scientific research	180	6	1	ON2 ON3	The discipline studies theoretical and applied methods of scientific research of problems in the field of transport science, forms deep ideas about the content of scientific activity, its methods and forms of knowledge. Specific learning objectives, theories and approaches to the analysis of processes and directions are formulated; integrated knowledge gained within the framework of this discipline to solve research problems in new conditions	Master's degree courses	SRWD, Research practice, IA
	Module 2 – Profile competencies	PD	UC	Business process reengineering	150	5	1	ON2 ON5	The system of reorganization of material, financial and information flows. Simplification of the organizational structure, redistribution and minimization of the use of various resources. Shortening the implementation time will allow customers to improve the quality of their service. Application of methods and models for the study of logistics business processes in the construction of the transport and logistics system of the Republic of Kazakhstan. Determining the best (in terms of funds, time, resources, etc.) output of an existing business process to an alternative option.	Master's degree courses

9. CATALOG OF DISCIPLINES OF THE COMPONENT BY CHOICE

EDUCATIONAL PROGRAM

8D11362 - Logistics (by industry)

Education level: Doctoral studies

Duration of study: 3 years

Year of admission: 2023

Module	Cycle	Component	Name of discipline	Total labor intensity		Semester	Learning outcomes	Brief description of the discipline	Prerequisites	Post-requirements
				in academic hours	in academic credits					
1	2	3	4	5	6	7	8	9	10	11
Module 2 - Core competencies	BD	CS	The principle of interoperability in transport	150	5	1	ON4 ON5	Areas of application of intelligent transport systems for various types of transport (conditions and processes, depending). Interoperability requirements, basic properties and types of intelligent transportation. providing interoperability models. The main approaches, concepts and models are used for traffic planning and logistics systems provision.	Disciplines of the BD and PD cycle of the Master's degree	IRWD, Final certification, Research practice

EXPERT OPINION

for the educational program 8D11362 - Logistics (by industry) in the field of training 8D113 - Transport services

The content of the educational program 8D11362 - Logistics (by industry) includes: a passport of the educational program, a matrix of correlation of learning outcomes from the educational program with academic disciplines / modules, a characteristic of the professional activity of a doctoral student, a graduate's competence model formed as a result of mastering the educational program.

The educational program management process is open, constantly being improved taking into account the needs and wishes of students, experts, and business communities and is aimed at achieving high quality educational services in the field of science and higher education through the implementation of the requirements of the National Qualifications Framework, professional and international quality standards.

When developing the educational program 8D11362 - Logistics (by industry), a logical system for building a sequence of disciplines based on professional standards is traced, which is the key to successful training of specialists with a high level of professional culture who are able to independently formulate and solve modern theoretical, practical and scientific issues, successfully implement the acquired knowledge in research activities.

The form and content of the educational program does not raise doubts about the quality of training of future specialists in the organization, planning of transport and logistics processes, and management of business processes in transport.

Based on the analysis, it can be concluded that the educational program submitted for examination meets the qualification requirements of the training area: 8D113 - Transport services and is recommended for active implementation in the educational process.

**Candidate of Technical Sciences, Assistant to the President
of a freight forwarding company
LLP "Shyngar Trans"**



Toktamyssova A.B.

EXPERT OPINION
on the educational program of the doctoral program
D148 Logistics by industry
Training area: 8D113 - Transportation services

The educational program of the doctoral program D148 Logistics by industry has been developed in accordance with the National Qualifications Framework and Professional Standards, coordinated with the Dublin Descriptors and the European Qualifications Framework, designed on the basis of a modular system for studying basic and core disciplines that form general cultural, special language and professional competencies. The educational program management process is open, constantly being improved taking into account the needs of the labor market, the wishes of students, experts, and business communities and is aimed at achieving high quality educational services in the field of transport logistics through the implementation of the principles of the Bologna Process and modern international quality standards.

When developing a curriculum for an educational program, a specific interdisciplinary relationship is traced, which consists in a complex relationship between the content of academic disciplines, through which the internal unity of the training program for future specialists is achieved.

The strategic goal of the educational program is to train highly qualified specialists capable of managing research processes and innovative activities in the field of logistics. Various factors are provided for in building the structure of relationships and identifying priority areas for solving problems in the field of globalization and digitalization of logistics processes in supply chain management, analyzing options for solving logistics operations in the management of production logistics and distribution, transport support for foreign economic activity, forwarding services and information technology.

The evaluation of the educational program D148 Logistics by industry allows us to conclude about the high quality and sufficient level of scientific and methodological support, which allows us to strengthen the link between scientific research, innovation, teaching and learning.

Based on the analysis, it can be concluded that the educational program D148 Logistics by industry submitted for examination meets the qualification requirements of the Ministry of Science and Higher Education and is recommended for implementation in the educational process.

**Doctor of Technical Sciences,
Professor of the School of Management,
Almaty Management University**

 **Izteleuova M. S.**



Review
of the educational program 8D11362 - Logistics (by industry)
in the field of training 8D113 - Transport services

The curriculum and the passport of the reviewed educational program form the entire necessary list of general cultural and professional competencies provided for by the requirements of the National Qualifications Framework and professional and international quality standards.

The educational program of the doctoral program 8D11362 - Logistics (by industry) provides conditions for the qualitative acquisition of professional skills and demonstrate the presence of a significant amount of scientific knowledge acquired systematically and reflecting the current state of science and practice in the field of logistics.

The educational program is aimed at the ability to develop and implement projects to create new knowledge or practical proposals in relevant areas of logistics, to demonstrate a detailed understanding of scientific methods used for scientific research.

When developing the educational program 8D11362 - Logistics (by industry), the latest achievements in the field of training are taken into account. The complex of elective disciplines correspond to the content of the educational program and the work curriculum.

The learning outcomes are formulated throughout the program and for each module. The program was developed in conjunction with the business environment.

Based on the above, it is worth noting the qualitative structure and content of the educational program for the training of future specialists in the organization, planning of research and development work, meets the qualification requirements in the field of training 8D113 - Transport services of the educational program 8D11362 - Logistics (by industry).

Reviewer:

Doctor of Technical Sciences, Assoc.Professor
of the Department "Organization of transportation and
operation of transport"

Academy of Logistics and Transport



Musabaev B.K.

Musabaev B.K.

ПОДПИСЬ ЗАБЕРЯЮ

Musabaeva M.S.

Dear Musalieva Roza

The management of "Shyngar Trans" LLP, represented by President E.K. Autov, got acquainted with the content of the educational program 8D11362 - Logistics (by industry) by industry and made the following recommendations:

- conduct research and development work in accordance with the National Qualifications Framework, professional and international standards in the field of training 8D113 - Transport services of the educational program 8D11362 - Logistics (by industry).

- to update the content of educational programs by including in the cycle of basic and profile modules of the discipline, reflecting modern innovative technologies in the transport and communication sphere.

**President
freight forwarding company
LLP "Shyngar Trans"**



Autov E.K.

Academy of Logistics and Transport

PROTOCOL №. 6a

Meeting

Academic Committee for the Educational Program and leading teachers of the Department of Logistics and Transport Management

Almaty, February 27, 2023

Chairman: Musalieva R.D.

Secretary: Tazhmuratova A.A.

Present: Head of the Department Musalieva R.D., Professor Zhanbirov Zh.G.; Academic Associate Professor of ALT Malikova L.M., Assistant Professor Kaltaev A.K., Murzabekova K.A., Sugurova A.Zh., Maulina N.Kh., Akhmetzhanova A.Kh.; Senior lecturer Badambayeva S.E., Olzhabaeva R.S., Userbaeva A.S., Ursarova A.K., lecturer Elesheva Zh.B. Assistant Lecturer Slambek D.K.

Production representatives:

1. Bachelor's degree programme:

- Shakirtkhanov B.R. - Bastion Trans Logistics LLP, Chairman of the Board of Directors, PhD in Economics;
- Tantakova S.I. - NC KTZ JSC, Directorate of Automation and Digitalization, Leading Engineer of the Automated Control System;
- Suvanbayeva F.G. - NIITK LLP, Head of Project Management Department;
- Makhtayev T.B. - KTZ Express JSC - KTZE Yuzhny, Branch Director;
- Tokanov D.B. - Almaty Certification Bureau LLP, director;

2. For the Master's programme:

- Shurmanov Adil Kusainovich - EcoEnergoGas LLP, General Director;
- Suvanbayeva F.G. - NIITK LLP, Head of Project Management Department;
- Abdreev G.S. – Acting Head of the Department of Accounting of the Working Fleet and Execution of Orders of KTZ Express JSC.

3. Doctoral EP: Toktamysova A.B. - Director of STLC LLP, Ph.D.

Students: Kaltaeva D. – student 4 courses, Lytkin D. – student 4 courses, Sasanbayev D. – student TL-20-4r, Toybayev N.R. - student 1 courses, S. US-TL-22-2, Sarsenbay A. - student 1 courses, CL-22-2, Tokenova A. - student 3 courses, UU-20-1, Orléans A.A. - Master 1 year old, MN-L-22-1; Erkebay A.N. - Master 1 year old, MN-RPL-21-1; Olzhabayeva R.S. - PhD student 3 years old, Sofia D-L-20-01.

AGENDA:

1. Consideration of the Graduate's Competency Model
2. Consideration of the possibility of including disciplines in QED and RUP

On the first question

SPEAKER: Head of the Department of Logistics and Management in Transport Musalieva R.D. proposed to consider the competence model of a graduate at 3 levels of education: bachelor's, master's and doctoral studies.

The graduate's competency model includes the following parts:

- the purpose and objectives of the educational program;
- learning outcomes;
- area, objects, types and functions of professional activity;
- a list of positions under the educational program;
- Professional certificates obtained at the end of the training;

- Requirements for the previous level of education.

SPEAKER: representative of employers Makhtayev T.B. Due to the specifics of employers' organizations, he proposed to reflect the following in the objects of professional activity: to adjust the description of the disciplines of the elective components, to give a clear understanding of the discipline, what competencies students need to study, what they should know, know and be able to do.

SPEAKER: Member of the Department, Ph.D., Assistant Professor Murzabekova K.A., who proposed to increase the number of credits in major disciplines, thereby enlarging disciplines, linking several disciplines that would allow you to consistently study everything in one discipline.

On the second question

SPOKEN: Head of the Department Musalieva R.D. with a proposal to hear representatives of employers and students on the inclusion of new disciplines in the QED and RUE of admission in 2023.

SPEAKER: representative of employers Shakirkhanov B.R. Today, any commercial enterprise is interested in competent specialists who have a good level of training and knowledge in the field of planning, organization and control of the movement of goods by modes of transport.

We make proposals to include the following disciplines in the RUE Bachelor's degree, revealing the needs of employers, such as: "Electronic Services in the Management of Production Logistics and Distribution", "Container Transportation and Technologies", "Digital Technologies in Supply Chain Management".

SPEAKERS: students Sasanbayev D.

I consider it necessary to include software products on Rail-office and AUTOCAD in the study of disciplines. I would really like to learn how to design and scale my knowledge in production.

DECIDED:

1. Take note of the information
2. Take into account the suggestions and recommendations of employers and students
3. Consider the possibility of including the following disciplines in the RUE:

According to EP 6B11330 – Transport Logistics: Electronic Services in Production Logistics and Distribution Management, Container Transportation and Technologies, Digital Technologies in Supply Chain Management.

According to EP 6B11328 - Service Management in the Industry"

According to EP 6B11333 - Digital Logistics: Information Systems and Supply Chain Management, Artificial Intelligence Systems in Logistics,

According to EP 6B11340 - Customs logistics: Taxes and customs payments, Customs statistics and procedures, Customs control

EP 6B04142-Economics and Management (by branches): Mathematics for Business and Economics, International Business

7M04166 - Economics and Management (profile - 1.5 years and scientific and pedagogical - 2 years): Minor: Time Management

7M11354-Logistics (by branches) (profile - 1.5 and scientific and pedagogical - 2 years): Regional Transport and Logistics Systems, Clusters of Transport and Technological Systems

7M11356-Resource-Saving Production Logistics (Scientific and Pedagogical, 2 years)": Logistic Modeling and Planning at the Enterprise, Lean Logistics.

According to EP 8D11362-Logistics (by branches): Methodology for servicing transport users, Modeling of logistics processes in production

DECIDED:

1. To provide a competency model of graduates at 3 levels of education: bachelor's, master's and doctoral studies for consideration and approval by the Council of the Institute of Logistics and Management.

2. To approve the proposed disciplines by employers, to introduce the Curriculum for Bachelor's, Master's and Doctoral studies.

3. To take into account and include in the syllabuses of disciplines the software products Rail-office and AUTOCAD conducted in practical and laboratory classes.

Chairman:



Musalieva R.D.

Secretary:



Tazhmuratova A.A.

Academy of Logistics and Transport

PROTOCOL №. 4

Meetings of the KOC UMB of the Institute of Logistics and Management

Almaty, February 28, 2023

Chairman: Kaltayev A.K.

Secretary: Maulina N.Kh.

Present: Kaltayev A.K. - Chairman, Director of the Institute "Logistics and Management", Assistant Professor of ALT, Badambayeva S.E. - Deputy Chairman - Deputy Director of the Institute, Senior Lecturer of the Department of "LMT", Maulina N.Kh. - Secretary of KOK-UMB, lecturer of the Department of "LMT", Musalieva R.D. - Head of the Department. Logistics and Transport Management, Associate Professor of ALT, Head of the Committee "Educational Programs", Abibullaev S.Sh. - Acting Head of the Department. "Organization of Transportation, Movement and Operation of Transport", Associate. Professor of ALT, member of the Committee "Educational Programs", Zhanbirov Zh.G. - Professor of the Department of Logistics and Management in Transport, member of the Committee "Educational Programs", Sugurova A.Zh. - Assistant Professor of ALT, member of the Committee "Educational Programs", Malikova L.M. - Assistant Professor of the Department of Logistics and Management in Transport, member of the Academic Committee "Development, Monitoring and Control of Educational Programs" Lyapbaeva N.I. - Acting Head of the Department. "Social and Humanitarian Disciplines and Physical Education", Professor, Member of the Committee "Educational Programs", Altaeva Zh.Zh. - Assistant Professor of the ALT of the Department of "OPDET", member of the Committee "Educational Programs", Nurzhaubayev M.M. - Senior Lecturer of the Department of "OPDET", Head of the Committee "Improvement of Forms and Methods of Teaching, Control of Knowledge, Skills and Abilities of Students", Maulina N. Kh. - Assistant Professor of ALT of the Department of "LMT", Member of the Academic Committee "Monitoring of the Intermediate and Final Attestation", Assistant Professor, Ursarova A.K. - Senior Lecturer of the Department of LMT, Chairman of the Academic Committee "Planning and Publication of Educational and Methodological Literature", Muratbekova G.V. - Assistant Professor, Head of the School of Young Teachers of ILU Musabayev B.K. - Head of the "School of Young Teacher", Assistant Professor of the Department of "LMT", Murzabekova K.A. - Assistant Professor, Mentor of the School of Young Teacher of the Department of "LMT" Aldanazarov K - Senior lecturer of the Department of OPET, The Chairman of the Academic Committee "Formation and Monitoring" Olzhabayeva R.S. is a doctoral student.

Production representatives:

1. Bachelor's degree programme:

- Shakirkhanov B.R. - Bastion Trans Logistics LLP, Chairman of the Board of Directors, PhD in Economics;
- Tantakova S.I. - NC KTZ JSC, Directorate of Automation and Digitalization, Leading Engineer of the Automated Control System;
- Suvanbayeva F.G. - NIITK LLP, Head of Project Management Department;
- Makhtayev T.B. - KTZ Express JSC - KTZE Yuzhny, Branch Director;
- Tokanov D.B. - Almaty Certification Bureau LLP, director;

2. For the Master's programme:

- Shurmanov Adil Kusainovich - EcoEnergogas LLP, General Director;
- Suvanbayeva F.G. - NIITK LLP, Head of Project Management Department;
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AGENDA:

1. Consideration of the Catalogue of Elective Disciplines (QED), the Working Curriculum (RUP), the passport of Bachelor's, Master's and PhD educational programs.

SPEAKER: **Head** of the Department of "LiMT" Musalieva R.D. presented for consideration by QED, RUE of bachelor's, master's and doctoral studies.

At the Department of Logistics and Management in Transport, a meeting was held with the involvement of representatives of employers and students to discuss the content of educational programs on: EP 6B11330 – Transport Logistics, EP 6B11328 – Service Management in the Industry, EP 6B11333 – Digital Logistics, EP 6B11340 – Customs Logistics, EP 6B04142 – Economics and Management (by branches), EP 7M04166 – Economics and Management (specialized - 1.5 and scientific and pedagogical - 2 years), EP 7M11354 - Logistics (by industry), EP 7M04166 - Economics and Management (specialized - 1.5 and scientific and pedagogical - 2 years), EP 7M11354 - Logistics (by (specialized - 1.5 and scientific and pedagogical - 2 years), EP 7M11356-Resource-saving production logistics (scientific and pedagogical, 2 years)" and EP 8D11362-Logistics (by industry).

Representatives of employers and students proposed a number of new relevant disciplines with the possibility of their inclusion in the new QED and RUE.

DECIDED:

1. Take note of the information;
2. Take into account all the suggestions and recommendations of employers, representatives of student activists;
3. To submit QED, RUE and EP of Bachelor's, Master's and Doctoral studies for consideration and approval by the Council of the Institute, the Academy's Management Board.

Chairman of KOC UMB



Kaltayev A.K.

Secretary



Maulina N.Kh.

