

**Joint Stock Company «Academy of Logistics and Transport»**



**APPROVE**  
**US ALT decision dated**  
**2023 (Protocol №3)**  
**President-Rector**  
**Amirgalieva S.N.**

**EDUCATIONAL PROGRAM**

**Name: 6B11340 Customs logistics**

**Level of training: bachelor**

**Code and classification of areas of study: 6B113 Transport services**

**Code and group of educational programs: B095 Transport services**

**Date of registration in the register: 25.05.2023**

**Registration number: 6B11300080**

**Almaty, 2023 г.**

## CONTENT

1. Information about the review, approval and approval of the program, developers, experts and reviewers	3
2. Normative references	4
3. Passport of the educational program	5
4. Competence model of a graduate	6
5. Matrix of correlation of learning outcomes in the educational program with educational disciplines / modules	9
6. Structure of the bachelor's educational program	11
7. Working curriculum for the whole term of training	12
8. Catalog of disciplines of the university component	14
9. Catalog of disciplines of the optional component	19
10. Expert opinion	24
11. Reviewer's conclusion	25
12. Letters of recommendation	27
13. Minutes of review and approval	32
14. Approval sheet	33
15. Changes registration sheet	34



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

## 1 DEVELOPED:

JSC "Academy of Logistics and Transport", Associate Professor of ALIT, Head of the Department of LMT

  
(signature)

Musalieva Roza  
Dzhililovna

JSC "Academy of Logistics and Transport", senior lecturer of the department "LMT"

  
(signature)

Badambaeva  
Saltanat Ergazievna

JSC "KTZ Express" - "KTZE Yuzhny", branch director

  
(signature)

Makhtaev Temirlan  
Botabekovich

1st year student, group US-TL-22-2

  
(signature)

Toibaev Nail  
Ruslanovich


## 2 EXPERTS:

CF&S Kazakhstan company, railway transport specialist

  
(signature)

Korzhumbayeva  
Saida Takhirovna

AlmaU, Ph.D., Associate Professor

  
(signature)

Bodaubaeva Gulmira  
Akhanovna

## 3 REVIEWER:

Candidate of Technical Sciences, Associate Professor of the Department of Traffic Management, Transport Management and Logistics (International Transport and Humanities University)

  
(signature)

Kenzhebayeva  
Gaukhar  
Zhumashevna

## 4 REVIEWED AND RECOMMENDED:

Meeting of the department "Logistics and management in transport"  
(protocol No. 7 "27" February 2023)

  
(signature)

Musalieva Roza  
Dzhililovna

Meeting of the COC UMB Institute of Logistics and Management  
(protocol No. 7 "28" February 2023)

  
(signature)

Kaltaev Aidyn  
Kaldayakovich

Meeting of the COC UMB Institute of Logistics and Management  
(protocol No. 7 "28" February 2023)

  
(signature)

Zharmagambetova  
Meruert Sovetovna

**APPROVED** by decision of the Academic Council dated March 30, 2023, protocol No. 13

**UPDATED** 05/25/2023.



## 2. NORMATIVE 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. Industry qualifications framework for the field of Education, approved by the Minutes of the meeting of the industry 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 compulsory 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 reference book for 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 4, 2023 No. 145).
7. Classifier of areas of training for 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 (with amendments and additions as of June 5, 2020).
8. Algorithm for inclusion and exclusion of educational programs in the Register of educational programs of higher and postgraduate education, approved by 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 “Transport and forwarding services” NCE RK “Atameken” order No. 239 dated 09/06/2018;
11. Professional standard “Logistics of passenger transportation” of the NCE RK “Atameken”, approved by Order No. 256 of December 20, 2019;
12. Professional standard “Container transportation” of the NCE RK “Atameken”, approved by order No. 256 of December 20, 2019;
13. Professional standard. Transport and forwarding services of NCE RK “Atameken”, approved by Order No. 239 of 09/06/2018;
14. Professional standard: Dispatch management at the warehouse of NPP RK “Atameken”, approved by Order No. 256 of December 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 December 20, 2019;
16. Professional standard. Loading and unloading of cargo or luggage of passengers, regardless of the type of transport, NCE RK “Atameken”, approved by Order No. 256 dated December 20, 2019;
17. Professional standard. Production logistics of NCE RK “Atameken”, approved by Order No. 256 dated December 20, 2019;
18. Professional standard. Warehousing and storage of cargo by NPP RK “Atameken”, approved by Order No. 256 dated December 20, 2019.



### 3. PASSPORT OF THE EDUCATIONAL PROGRAM

№	Field name	Note
1	Registration number	6B11300080
2	Code and classification of the field of education	6B11 Services
3	Code and classification of areas of study	6B113 Transport services
4	Code and group of educational programs	B095 Transport services
5	Name of the educational program	6B11340 Customs logistics
6	EP type	New EP
7	EP purpose	Training of qualified specialists for the transport and logistics industry and foreign economic activity who will have knowledge and professional skills in the organization of international transportation using innovative technologies in the field of customs logistics.
8	ISCED level	6
9	Level on NQF	6
10	Level on SQF	6
11	EP distinctive features	No
	Partner Higher education institution (joint educational program)	-
	Partner higher education institution (two-degree educational program)	-
12	Form of training	Full-time
13	Language of education	russian, kazakh
14	Volume of the credits	240
15	Awarded Academic Degree	Bachelor in the field of services in the educational program 6B11340 – Customs logistics
16	Availability of an appendix to the license for the direction of training	KZ12LAA00025205 (001)
17	EP accreditation existence	Available
	Name of the accreditation body	ND "Independent Agency of Accreditation and Rating"(HAAP/IAAR)
	Validity period of accreditation	11.06.2021 year – 10.06.2026 year



#### 4. COMPETENCE MODEL OF A GRADUATE

##### **Objectives of the educational program:**

1. Contribute to the development of the graduate's ability to:
  - 1) identification and formulation of current problems in the study of logistics systems at micro- and macroeconomic levels;
  - 2) search for and use information necessary for the effective performance of professional tasks, professional and personal growth;
  - 3) application of models and methods to solve management problems of logistics;
  - 4) providing relevant knowledge in the scientific, methodological and economic justification of innovative (investment) projects implemented in logistics systems;
  - 5) formation of creative thinking and ideas about the processes of solving strategic problems of design, construction and management of logistics infrastructure facilities at the macroeconomic level.
2. Contribute to the formation of the graduate's readiness to:
  - 1) solve problems that arise in the process of creating and improving material, financial and information flows from supplier to consumer;
  - 2) organize logistics processes at enterprises, solve problems associated with these processes, make decisions on the rational provision and functioning of logistics systems;
  - 3) organize logistics chains and schemes that ensure rational organization and effective promotion of material flows;
  - 4) ensure effective logistics activities and thereby contribute to solving the important socio-economic task of meeting consumer needs.

##### **Learning outcomes:**

ON1 - To show knowledge of the basic laws of mathematics with the use of information and communication technologies for solving transport problems and entrepreneurship in the field of customs logistics.

ON2 - Use the principles of organization of the transportation process, the main characteristics and principles of operation of technical means of transport in the management of material flows.

ON3 - Is able to choose the rational interaction of modes of transport, forwarding, warehousing, logistics of production processes and distribution in order to optimize and improve the operation of transport.

ON4 - Apply modern methods and knowledge to ensure the safety of life, ecology and labor protection in the implementation of professional activities.

ON5 - Generalize knowledge of the theoretical foundations of international conventions and agreements and apply practical skills of customs and tariff regulation in organizing the movement of goods and vehicles across the customs border.

ON6 - Interpret the algorithm of electronic document management in foreign trade activities for modeling and designing optimal logistics systems in supply chains.

ON7 - Use the algorithm of electronic document management in foreign trade activities for modeling and designing optimal logistics systems in supply chains.

ON8 - To practice digital information technologies, tools, basic and functional areas of logistics for solving professional tasks in supply chain management.

ON9 - Analyze the principles of integrated management of foreign trade operations to ensure the economic security of the state in the context of globalization of logistics processes.

ON10 - Combine knowledge of the foundations of social and ethical values and spiritual processes, interpersonal and legal interests of the parties, relying on regulatory and technical documentation and specialized literature sources.

ON11 - To integrate regulatory and technical documentation and specialized literature in the state and foreign languages in the transport and logistics industry.



ON12 - Assess the management of supply chains, customs fees and payments to improve the performance of customs logistics

**Area of professional activity:** customs authorities and their structural divisions, commercial organizations of various organizational and legal forms, non-profit organizations and associations involved in customs business, requiring professional knowledge in the field of foreign economic activity.

**Objects of professional activity:** declarant, customs inspector, customs manager, foreign economic activity specialist, customs clearance specialist, customs broker, etc.

**Types of professional activity:**

- organizational and managerial;
- economic;
- foreign economic;
- law enforcement;
- information and analytical.

**Functions of professional activity:**

- ensuring the rights, freedoms and legitimate interests of citizens in the field of customs;
- collection of taxes and other payments in the field of customs in order to ensure the revenue side of the state budget;
- tariff and non-tariff regulation;
- ensuring effective customs control;
- ensuring customs clearance in accordance with current legislation;
- maintaining customs statistics and records management;
- protection and support of entrepreneurial activity;
- implementation of law enforcement activities on the principles of strict compliance with laws, equality of individuals and legal entities before the law.

**List of positions of a specialist:** Operator of digital logistics cards, Manager of road transport, Specialist in customs clearance of goods, Tariff for railway transport, Forwarder of railway transport

**Professional certificates received upon completion of training:** not provided.

**Requirements for the previous level of education:** general secondary, technical and vocational, post-secondary, higher education (bachelor's degree).

During the training process, students undergo various types of professional practice:

- educational;
- internship;
- pre-diploma

**Educational practice**

The purpose of educational practice is to acquire primary professional experience. Realization of the goal involves: general acquaintance with the activities of the enterprise and its structure; management system and organizational and legal form, study the main functions of the enterprise's divisions; study of regulatory documents relating to management issues and legislative acts that regulate the activities of the enterprise; practical acquaintance with the future profession and its features.

2) be based on modern achievements of science, technology and production and contains specific practical recommendations, independent solutions to management tasks;



The objectives of educational practice are to obtain professional primary skills and abilities, prepare students for a conscious and in-depth study of basic and general education disciplines, and become familiar with the specifics of future professional activities.

During practical training, students should gain an understanding of logistics in general, understand what logistics studies, what types of logistics there are, what rules logistics follows, what logistics systems are used in enterprises and their role in the production process. Familiarize yourself with the disciplines taught in senior courses and choose.

### **Internship**

During the period of practical training, the student receives certain practical knowledge, skills and abilities.

The purpose of the practice is to consolidate the theoretical knowledge acquired during the training process, as well as to acquire the necessary practical skills aimed at solving complex problems related to the organization of transport traffic, modeling and design of vehicle traffic, and improving the process of cargo transportation and the interaction of modes of transport, acquaintance with the specifics of the bachelor's professional activity in a specific industry.

The task of students' practical training is to consolidate and deepen the theoretical knowledge they acquired during the learning process, acquire practical skills, competencies and professional experience in the educational program being taught, as well as master best practices.

### **Pre-diploma**

The purpose of the pre-diploma internship is to acquire engineering skills in the design and management of transportation processes.

The objectives of pre-graduation practice include consolidating and deepening the acquired theoretical knowledge in general education, basic and special disciplines, acquiring the necessary practical skills in the chosen profession.

The content of the pre-diploma internship is determined by the topic of the thesis (project). During the period of pre-graduation practice, the student collects factual material about the production (professional) activities of the enterprise (organization) and uses it when developing a diploma project (work). The practice involves working on a given problem (topic of the thesis) using materials from the activities of a specific enterprise (organization) with the student independently formulating conclusions, proposals, recommendations, etc.

**Final examination.** The final certification is carried out in the form of writing and defending a thesis (project) or preparing and passing a comprehensive exam.

The purpose of the final certification is to evaluate the learning outcomes and mastered competencies achieved upon completion of the study of the educational program of higher education.

The thesis (project) is aimed at identifying and assessing the graduate's analytical, research abilities, and is a generalization of the results of the student's independent study of a current problem in the field of his chosen specialty.



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

№	Name of the discipline	Amount of credits	Matrix for correlating learning outcomes in an educational program with academic disciplines											
			ON 1	ON 2	ON 3	ON 4	ON 5	ON 6	ON 7	ON 8	ON 9	ON 10	ON 11	ON 12
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	History of Kazakhstan	5				+								
2	Philosophy	5				+								
3	Foreign language	10											+	
4	Kazakh (Russian) language	10											+	
5	Information and communication technologies	5	+											
6	Sociology	8				+								
7	Cultural studies	8				+								
8	Political science	8				+								
9	Psychology	8				+								
10	Физическая культура	8				+								
11	Ecology and life safety	5		+										
12	Scientific research methods	5				+								
13	Basics of economics and entrepreneurship	5							+			+		
14	Basics of law and anti-corruption culture	5				+							+	
15	Engineering Mathematics	9	+											
16	Transportation management on transport	9					+	+						
17	Labor protection	6		+										
18	Interaction of modes of transport	6					+		+					
19	Fundamentals of computer modeling	6	+											
20	Basics of logistics	6			+		+					+		
21	Economic geography of transport	6			+		+							
22	Information technology in logistics	6	+									+		
23	Educational practice	2	+	+	+	+	+	+	+	+	+	+	+	+
24	Logistics of passenger transportation	9					+	+						
25	Urban transport systems	9					+	+						
26	Taxes and customs payments	6							+			+		
27	Merchandising and commodity nomenclature of foreign economic activity	6										+	+	
28	Transport support for international transportation	6					+		+					+
29	Foreign economic activity in transport	6					+		+					+
30	Electronic services in the management of production logistics and distribution	9					+		+			+		
31	Production logistics	9					+		+			+		
32	Customs statistics and procedures	6								+	+			
33	Transport law	6								+	+			
34	Transport logistics	9			+		+				+			
35	Global logistics	6												
36	Digital technologies in supply chain management	9								+				+
37	Logistics of specialized transport -1	9			+						+			+
38	Warehouse Logistics	9							+		+			
39	Logistics of specialized transport -2	9			+						+			+
40	Internship 1	3	+	+	+	+	+	+	+	+	+	+	+	+
41	Internship 2	4	+	+	+	+	+	+	+	+	+	+	+	+



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
42	Transport and logistics centers and terminal technologies	6							+		+			
43	Logistics technologies of cargo delivery	6					+	+						
44	Customs control	6												
45	Transport management	6												
46	Container terminals and technologies	6			+				+		+			
47	Logistics transport and cargo systems	6							+	+		+		
48	Managerial Economics (Minor 1)	3			+							+		
49	Logistics process management (Minor 1)	3			+				+		+			
50	Vehicles and containers (Minor 1)	3								+				
51	Time -management (Minor 2)	3										+	+	
52	Optimization of traffic flows (Minor 2)	3							+		+			
53	Customs declaration (Minor 2)	3	+											
54	FINAL EXAMINATION: Writing and defending a thesis	8	+	+	+	+	+	+	+	+	+	+	+	+



## 6. STRUCTURE OF THE BACHELOR'S EDUCATIONAL PROGRAM

№ п/п	Name of cycles of disciplines	General labor intensity	
		in academic hours	in academic hours
1	Cycle of general education subjects (ES)	<b>1680</b>	<b>56</b>
1)	<b>Required component</b>	<b>1530</b>	<b>51</b>
	History of Kazakhstan	150	5
	Philosophy	150	5
	Foreign language	300	10
	Kazakh (Russian) language	300	10
	Information and communication technologies	150	5
	Module of socio-political knowledge (sociology, political science, cultural studies, psychology)	240	8
	Physical culture	240	8
2)	<b>University component and (or) elective component</b>	<b>150</b>	<b>5</b>
2	<b>Cycle of basic and profile disciplines (BD, PD)</b>	no less 5280	no less 176
1)	University component and (or) elective component		
2)	Professional practice		
3	Additional types of training (ДВО)		
1)	<b>Component of choice</b>		
4	Final examination	no less 240	no less 8
	<b>Total</b>	<b>no less 7200</b>	<b>no less 240</b>



Form of study: full-time

JSC "Academy of Logistics and Transport"  
Educational Plan

Direction of training: 6B113 Transportation services

APPROVED

By the decision of the Scientific Council of ALT

Duration of study: 4 years

Group of educational programs: B095 Transportation services

Name of the educational program:  
Customs logistics

6B11340-

2023 Protocol № \_\_\_\_\_

Chairman of the Academic Council

S.S. Amirgalieva

Admission: 2023

Degree: bachelor's degree in services

№	Discipline code	Name of cycles and disciplines	Total labor intensity		Form of control, semester		The amount of study load, contact hours						Distribution by semester								Securing the chair								
			in academic hours	in academic credits	Exam	КП (КР)	Total hours	Classroom			IWS		1 course		2 course		3 course		4 course										
								lectures	practical	laboratory	IWSGT	IWS	1 sem. 15 week	2 sem. 15 week	3 sem. 15 week	4 sem. 15 week	1 sem. 15 week	2 sem. 15 week	3 sem. 15 week	4 sem. 15 week									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23							
<b>CYCLE OF GENERAL EDUCATION DISCIPLINES (OOD):</b>																													
<b>1.1. Required component:</b>			1530	51			1530	120	358	15	120	917	16	21	12	2	0	0	0	0	0	23							
1.1.1.	23-0-B-OK-ИК	History of Kazakhstan	150	5	2		150	30	15		8	97		5									Shd and Pe						
1.1.2.	23-0-B-OK-Фил	Philosophy	150	5	3		150	30	15		8	97			5								Shd and Pe						
1.1.3.	23-0-B-OK-ИYa	Foreign language	300	10	1,2		300		90		16	194	5	5									LT						
1.1.4.	23-0-B-OK-К(Р)Ya	Kazakh (Russian) language	300	10	1,2		300		90		16	194	5	5									LT						
1.1.5.	23-0-B-OK-ИКТ	Information and communication technologies	150	5	3		150	30		15	8	97			5								ICT						
1.1.6.	Socio-political knowledge module:		240	8	1,2		240								4									Shd and Pe					
	23-0-B-OK-Sotz	Sociology																							7	15		8	27
	23-0-B-OK-Kul	Cultural studies																							8	15		8	32
	23-0-B-OK-Pol	Political Science																							7	15		8	27
23-0-B-OK-Psi	Psychology	8	15		8	32	4																						
1.1.7.	23-0-B-OK-ФК	Physical Culture	240	8	1,2,3,4		240		88		32	120	2	2	2	2							Shd and Pe						
<b>1.2. Component of choice:</b>			150	5			150	30	15	0	8	97	5	0	0	0	0	0	0	0	0	0	Shd and Pe						
1.2.1.	Module of the university component of the OEA		150	5	1		150	30	15		8	97	5											Mv and Is					
	23-0-B-KV-EBGD	Ecology and LS																											
	23-0-B-KV-MNI	Methods of scientific research																											
	23-0-KV-OEiP	Fundamentals of Economics and Entrepreneurship																											
23-0-KV-OPAK	Fundamentals of law and anti-corruption culture																						Shd and Pe						
<b>TOTAL for the OEA cycle:</b>			1680	56			1680	150	373	15	128	1014	21	21	12	2	0	0	0	0	0	0							
<b>CYCLE OF BASIC DISCIPLINES (DB):</b>																													
<b>2.1. University component:</b>			1680	56			1680	270	210	60	64	1016	9	9	12	14	12	0	0	0	0								
2.1.1.	23-0-B-VK-ИМ	Engineering Mathematics	270	9	1		270	45	45		8	172	9										GE						
2.1.2.	23-0-B-VK-УПТ	Transportation management on transport	270	9	2		270	45	45		8	172		9									OTOT						
2.1.3.	23-0-B-VK-ОТ	Labor protection	180	6	5		180	30		30	8	112					6						Mv and Is						
2.1.4.	23-0-B-VK-ВВТ	Interaction of modes of transport	180	6	4		180	30	30		8	112				6							TLM						
2.1.5.	23-0-B-VK-ОКМ	Fundamentals of computer modeling	180	6	3		180	30	30		8	112			6								ICT						
2.1.6.	23-0-B-VK-ОЛ	Fundamentals of logistics	180	6	3		180	30	30		8	112			6								TLM						
2.1.7.	23-0-B-VK-ЕГТ	Economic geography of transport	180	6	4		180	30	30		8	112			6								TLM						
2.1.8.	23-0-B-VK-ИТЛ	Information technologies in logistics	180	6	5		180	30		30	8	112					6						TLM						
2.1.9.	23-0-VK-Упр	Educational practice	60	2	4		60								2								TLM						
<b>2.2. Component of choice:</b>			1080	36			1080	180	150	30	40	680	0	0	6	9	15	6	0	0	0	0							
2.2.1.	23-0-B-KV-LPP	Passenger transportation logistics	270	9	5		270	45	45		8	172					9						TLM						
	23-0-B-KV-GTS	Urban transport systems																											
2.2.2.	23-40-B-KV-NTP	Taxes and customs payments	180	6	5		180	30	30		8	112						6					TLM						
	23-40-B-VK-TTNVED	Commodity movement and commodity nomenclature of FEA																											
2.2.3.	23-0-B-KV-TOMP	Transport support for international transport	180	6	6		180	30		30	8	112						6					TLM						
	23-0-B-KV-VEDT	Foreign economic activity in transport																											
2.2.4.	23-0-B-KV-ESUPLR	Electronic services in the management of production logistics and distribution	270	9	4		270	45	45		8	172			9								TLM						
	23-0-B-KV-LP	Logistics production																											
2.2.5.	23-0-B-KV-TSP	Customs statistics and procedures	180	6	3		180	30	30		8	112		6									TLM						
	23-0-B-KV-TP	Transport law																											
<b>TOTAL by DB cycle:</b>			2760	92			2760	450	360	90	104	1696	9	9	18	23	27	6	0	0	0								



3		CYCLE OF PROFILE DISCIPLINES (PD):																		
3.1.	University component:	1740	58		1740	255	240	15	48	972	0	0	0	0	0	21	24	9	4	
3.1.1.	23-0-B-VK-TL Transport Logistics	270	9	6	270	45	45		8	172						9				
3.1.2.	23-0-B-VK-GL Global logistics	180	6	7	180	30	30		8	112										
3.1.3.	23-0-B-VK-CTUCP Digital technologies in supply chain management	270	9	7	270	45	30	15	8	172							9			
3.1.4.	23-0-B-VK-LSP1 Specialized transport logistics of 1	270	9	7	270	45	45		8	172							9			
3.1.5.	23-0/40-B-VK-SL Warehouse Logistics	270	9	6	270	45	45		8	172						9				
3.1.6.	23-0-B-VK-LSP2 Specialized transport logistics of 2	270	9	8	270	45	45		8	172								9		
3.1.7.	23-0-B-VK-PPr1 Production practice 1	90	3	6	90														3	
3.1.8.	23-0-B-VK-PPr2 Production practice 2	120	4	9	120															
3.2	Компонент по выбору	810	27		810	135	135	0	48	492	0	0	0	0	6	0	0	6	6	0
3.2.1.	23-28/30/40-B-KV-TLCTT Transport and logistics centers and terminal transportation	180	6	4	180	30	30		8	112				6						
	23-28/30/40-B-VK-LTDG Logistics technologies for cargo delivery																			
3.2.2.	23-30-B-KV-TK Customs control	180	6	7	180	30	30		8	112								6		
	23-30-B-KV-TM Transport management																			
3.2.3.	23-30/40-B-KV-KPT Container transportation and technologies	180	6	8	180	30	30		8	112								6		
	23-30/40-B-KV-LTGS Logistic transport and cargo systems																			
Minor Program 1 "Customs and logistics service"																				
6	23-0-B-UE Managerial economics	90	3	5	90	15	15		8	52					3					
	23-0-B-ULP Logistics process management	90	3	6	90	15	15		8	52						3				
	23-30/40-B-TSK Vehicles and containers	90	3	7	90	15	15		8	52								3		
Minor program 2 "Business logistics"																				
7	23-0-B-TM Time-management	90	3	5	90	15	15		8	52					3					
	23-0-B-OTP Optimization of transport flows	90	3	6	90	15	15		8	52						3				
	23-30-B-TD Customs declaration	90	3	7	90	15	15		8	52								3		
TOTAL for the PD cycle:		2550	85		2550	390	375	15	96	1464	0	0	0	6	3	24	33	15	4	
TOTAL FOR THE THEORETICAL COURSE OF STUDY (TKS):		6990	233	0	6990	990	1108	120	328	4174	30	30	30	31	30	30	33	15	4	
4	23-0-B-VK-IA FINAL CERTIFICATION	240	8																8	
TOTAL FOR THE ENTIRE PERIOD OF STUDY:		7230	241								30	30	30	31	30	30	33	15	12	
ADDITIONAL TYPES OF TRAINING (ATT):																				
7	23-0-B-V Volunteering	30	1	1	30		10		8	12	1									
	23-0-B-FG Financial literacy	90	3	3	90	15	15		8	52				3						


AGREED:

Vice-Rector for AD  Zharmagambetova M.S.

Director of the DACAK  Lipskaya M.A.

DEVELOPED:

Director of the Institute "LM"  Kaltaev A.K.

Head of the department "TLM"  Musaliev R.D.



## 8. CATALOG OF DISCIPLINES OF THE UNIVERSITY COMPONENT

### EDUCATIONAL PROGRAM

6B11340 Customs logistics

**Level of education: bachelor**

**Duration of study: 4 year**

**Year of admission: 2023 year**

Cycle	Component	Name of the discipline	General labor intensity		Semester	Learning outcomes	Brief description of the discipline	Prerequisites	Postrequisites
			in academic hours	in academic credits					
1	2	3	4	5	6	7	8	9	10
BD	UC	Engineering Mathematics	270	9	1	ON 1, ON 9	Mastering the mathematical apparatus for solving theoretical and applied problems of a particular profile, getting an idea of mathematical modeling and interpretation of obtained solutions. Issues of linear algebra, analytical geometry, mathematical analysis, differential equations, and theory of series are considered.	School component disciplines	Fundamentals of computer modeling
BD	UC	Transportation management on transport	270	9	2	ON 2, ON 3	The study of the principles of organization of transportation and management of the transportation process on various types of transport, the regulatory framework in the field of organization of transport on transport. Formation of skills for the effective use of material and technical values and rolling stock, solving issues of technical means and cargo and passenger flows, solving problems of the transportation process using information technology. When studying the discipline, interactive methods, solving case tasks, solving practical problems are used	Scientific research methods, Engineering Mathematics	Interaction of modes of transport, Economic geography of transport
BD	UC	Labor protection	180	6	5	ON 4	Training of specialists in the theoretical and practical foundations of safety, harmlessness and facilitation of working conditions at its maximum productivity, on the legislative and regulatory framework in the field of labor protection	Ecology and life safety	Transport support for international transportation, Transport logistics, Logistics of specialized transport 1,2



1	2	3	4	5	6	7	8	9	10
BD	UC	Interaction of modes of transport	180	6	4	ON 3, ON 9	The discipline studies the areas of interaction of various modes of transport, the main methods that allow obtaining quantitative estimates for choosing optimal solutions in management activities in transport. Acquisition of skills in organizing rational interaction of public and unsociable transport with other modes of transport, organizations and enterprises	Transportation management on transport, Basics of logistics, Cargo science	Transport support for international transportation, Transport logistics, Container terminals and technologies
BD	UC	Fundamentals of computer modeling	180	6	3	ON 1, ON 8	Forms theoretical and practical knowledge, abilities and skills in the field of computer modeling of various kinds of processes (physical, technological, economic, etc.), ability to use tools (packages of applied programs) using means and methods of three-dimensional visualization to solve applied engineering and technical and technical-economic problems, planning and conducting work on projects of tunnel bridges and subways	Information and communication technologies	Information technology in logistics, Electronic services in the management of production logistics and distribution
BD	UC	Basics of logistics	180	6	3	ON 2, ON 3	The discipline studies the functional areas of logistics, and the prerequisites for the emergence and development of logistics systems to solve optimization problems in the management of material, information, and financial flows in the logistics system. Forms an idea of logistics operations, processes, and technologies of cargo delivery	Transportation management on transport	Transport and logistics centers and terminal technologies, Transport logistics, Warehouse Logistics
BD	UC	Economic geography of transport	180	6	4	ON 3	The discipline studies the general characteristics of the location of transport infrastructure and productive forces of the economic regions of the Republic of Kazakhstan, demonstrates an understanding of the transport and communication system of the world and Kazakhstan, the economic geography of industries, transport and geographical relations and cargo flows of transport	Transportation management on transport	Transport support for international transportation, Global logistics, Container terminals and technologies, Digital technologies in supply chain management



1	2	3	4	5	6	7	8	9	10
BD	UC	Information technology in logistics	180	6	5	ON 8	The discipline uses modern information technologies to plan the production process. Teachers to choose information support and methods of modeling logistics processes when solving logistics and transportation processes	Information and communication technologies, Fundamentals of computer modeling	Transport support for international transportation, Digital technologies in supply chain management, Container terminals and technologies
BD	UC	Educational practice	60	2	4	ON 1- ON 13	Aimed at obtaining primary professional skills, familiarization with the main objects of transport logistics, areas of professional activity and training profiles, consolidation of the theoretical material covered. As part of the educational practice, on-site classes are provided at the department's production branch.	Transportation management on transport, Basics of logistics	Transport logistics, Global logistics, Internship 1,2, Final examination
PD	UC	Transport logistics	270	9	6	ON 1, ON 2	Identify the main provisions of transport support of logistics systems, in the field of transportation, covering the entire range of operations and services for the delivery of goods from producer to consumer, the principles of design and construction of logistics systems. To study methods of optimization and organization of rational cargo flows, their processing in specialized logistics centers. Methods of training are: problem solving, conducting thematic colloquiums, seminars "brainstorming". As part of the discipline implemented elements of dual learning technology	Transportation management on transport, Basics of logistics, Interaction of modes of transport	Digital technologies in supply chain management, Global logistics, Logistics of specialized transport 1,2, Container terminals and technologies
PD	UC	Global logistics	180	6	7	ON 9, ON 10	The discipline studies the terminology of Global Logistics, uses strategies and tactics for building sustainable macroeconomic systems. Reflects the formation, management and optimization of material flows. Establishes partnerships, forms of agreements, agreements, and general plans that are supported at the interstate level	Economic geography of transport, Transport logistics	Logistics of specialized transport 2, Container terminals and technologies, Final examination



1	2	3	4	5	6	7	8	9	10
PD	UC	Digital technologies in supply chain management	270	9	7	ON 8, ON 9	<p>The discipline studies the basic concepts and digital technologies in the proposal chain, as well as advanced concepts and approaches to the management of the proposal chain. Application of the construction and structure of SCOR-models of chain offers, work with tools for analyzing the management of digital technologies in supply chains, implementation of long - term, medium-term and operational planning, monitoring, use of digital technologies (Big Data, IoT (Internet of Things), cloud services, etc.) in the management of probability chains</p>	<p>Economic geography of transport, Information technology in logistics, Electronic services in the management of production logistics and distribution</p>	<p>Logistics of specialized transport 2, Container terminals and technologies, Final examination</p>
PD	UC	Logistics of specialized transport 1	180	6	7	ON 2, ON 3	<p>The discipline studies the specifics of specialized transportation (heavy, oversized, head and dangerous goods), the conditions for placing and fixing large-tonnage cargo on rolling stock, the organization of loading and unloading, warehouse operations, the conditions for storing and transporting dangerous goods of all classes, as well as the requirements of regulatory legal acts and regulatory and technical documentation. with the possibility of using digital technologies and a logistics approach in the transportation process</p>	<p>Information technology in logistics, Transport logistics, Warehouse Logistics</p>	<p>Logistics of specialized transport 2, Container terminals and technologies, Final examination</p>
PD	UC	Warehouse Logistics	270	9	6	ON 3, ON 8	<p>The discipline studies the basics of warehouse management, warehouse classification, technological and logistics processes in the warehouse, types of product promotion systems and warehouse documentation. The discipline examines the principles, systems, models and methods of inventory management</p>	<p>Electronic services in the management of production logistics and distribution, Transport and logistics centers and terminal technologies</p>	<p>Global logistics, Digital technologies in supply chain management, Logistics of specialized transport 1,2</p>



1	2	3	4	5	6	7	8	9	10
PD	UC	Logistics of specialized transport 2	270	9	8	ON 2, ON 3	The discipline forms the theoretical foundations and practical knowledge in the field of the process of transportation of perishable goods in wagons and containers, liveliness, close to the technical and technological processes in the transport and logistics supply chain of specialized goods. Students study the storage conditions of perishable goods, continuous refrigeration chains of application with the use of logistics, as well as regulatory documents, legislative acts for the transportation of these goods.	Labor protection, Transport logistics, Warehouse Logistics, Logistics of specialized transport 1	Internship 2, Final examination
PD	UC	Internship 1	90	3	6	ON 1- ON 13	Familiarization with the principles of organizing production activities of logistics companies and transport organizations. Consolidation and expansion of students' theoretical knowledge at transport facilities and logistics companies (enterprises). Study of the enterprise (in terms of the logistics services provided, technical equipment, technologies used and development prospects). Industrial practice is implemented on the basis of transport and logistics enterprises and companies with the appointment of a manager from the enterprise.	Basics of logistics, Educational practice, Cargo science	Global logistics, Digital technologies in supply chain management, Logistics of specialized transport 1,2, Container terminals and technologies
PD	UC	Internship 2	120	4	9	ON 1- ON 13	The organization of practical training is aimed at deepening the student's initial professional experience, developing general and professional competencies, testing his readiness for independent work, as well as preparing for the completion of final qualifying work (a comprehensive graduation project, thesis, or preparation for passing a certification exam in the specialty). The practice is carried out on the basis of logistics, transport and logistics enterprises and companies with the appointment of a mentor from the enterprise.	Educational practice, Internship 1	Final examination
<b>Total</b>			<b>1620</b>	<b>221</b>					



9. CATALOG OF DISCIPLINES OF THE OPTIONAL COMPONENT

EDUCATIONAL PROGRAM

6B11340 Customs logistics

Level of education: bachelor

Duration of study: 4 year

Year of admission: 2023 year

Cycle	Component	Name of the discipline	General labor intensity		Semester	Learning Outcomes	Brief description of the discipline	Prerequisites	Postrequisites
			in academic hours	in academic credits					
1	2	3	4	5	6	7	8	9	10
PD	EC	Basics of law and anti-corruption culture	150	5	1	ON 10	Increase public and individual legal awareness and legal culture of students, as well as the formation of knowledge and civic position on combating corruption as an anti-social phenomenon. As a result of studying the course students should master the fundamental concepts of law, the constitutional structure of the state power of the Republic of Kazakhstan, the rights and freedoms of citizens enshrined in the Constitution, the mechanism and protection of legitimate interests of a person in case of their violation.	Psychology, Cultural studies	Taxes and customs payments, Customs statistics and procedures, Customs control
		Ecology and life safety				ON 4	The study of the basic environmental concepts, environmental problems and approaches to their solution, sources and types of environmental pollution by enterprises, the principles of standardizing the quality of atmospheric air and water, the main provisions of legislation in various fields, natural and man-made emergencies, their causes, methods of prevention and protection	Psychology, Cultural studies	Labor protection, Interaction of modes of transport
PD	EC	Scientific research methods	150	5	1	ON 10	Giving students theoretical and applied knowledge of the methods of scientific research problems in the studied area, training specialists with skills of cognitive activity in science, the formation of deep ideas about the content of scientific activity, its methods and forms of knowledge.	Sociology, Political science	Transport support for international transportation, Global logistics



1	2	3	4	5	6	7	8	9	10
PD	EC	Basics of economics and entrepreneurship	150	5	1	ON 9	Formation of analytical thinking skills on economic issues, the ability to draw conclusions independently on the basis of the studied material, to navigate in any economic situations, to apply theoretical economic knowledge in practical activities, to realize their abilities both personally and professionally. The discipline is aimed at studying transport logistics and route technology of passenger transportation, the principles of their organization and management, logistics of suburban and urban passenger transport and high-speed transportation. The student will form an idea about the organization of passenger stations and train stations, the automated control system "Express".	Political science, Cultural studies	Transport logistics, Transport centers and terminal technologies
PD	EC	Logistics of passenger transportation	270	9	5	ON 2, ON 4	The discipline forms the theoretical and practical foundations of the functioning of transport systems, taking into account indicators, analysis of the state of transport security of cities and regions. Identifies the problems of the development of urban transport networks, passenger transport, transport infrastructure that meets modern requirements in the field of communications and technology. It provides for the development of vehicle routes and schedules for the coordination of traffic schedules.	Interaction of modes of transport, Economic geography of transport, Customs statistics and procedures	Transport support for international transportation, Global logistics, Customs control
PD	EC	Urban transport systems				ON 2, ON 4		Transportation management on transport, Interaction of modes of transport, Economic geography of transport	Transport support for international transportation, Transport logistics, Global logistics
PD	EC	Taxes and customs payments				ON 1, ON 12	The discipline is aimed at studying the public relations of subjects of customs law, regulatory documents and acts regulating the activities of customs authorities for calculating and paying customs payments. Students study the types, system, and procedure for filling out, calculating and receiving customs payments.	Basics of law and anti-corruption culture, Customs statistics and procedures	Transport support for international transportation, Global logistics, Customs control
PD	EC	Merchandising and commodity nomenclature of foreign economic activity	180	6	5	ON 5, ON 6	The discipline studies the purpose and scope of the commodity nomenclature of foreign economic activity, the concept and classification of goods, the system of description and coding of goods. Acquisition of skills in classifying goods in accordance with the commodity nomenclature of the Eurasian Economic Union, using the basic principles of interpreting goods, making qualification decisions by product groups.	Transportation management on transport, Interaction of modes of transport, Economic geography of transport	Transport support for international transportation, Transport logistics, Digital technologies in supply chain management



1	2	3	4	5	6	7	8	9	10
PD	EC	Transport support for international transportation	180	6	6	ON 9, ON 11	<p>Study the terms and conditions of Incoterms, International transportation, regulations in the field of implementing a logistics delivery system from places of departure to places of destination. Determine and select the basic terms of delivery, build schedules of technological operations at border crossings. Within the framework of the discipline, laboratory classes are held, software for foreign economic activity, Rail Tarif, Rail info, etc. are used.</p> <p>The discipline studies the basics of foreign economic activity, the concepts of export-import, re-export-reimport of goods, the terms and conditions of Incoterms, the basics of customs legislation and legal regulation of foreign economic activity at the stages of building and implementing a logistics delivery system from the point of departure to the destination. Destination. Develops the skills of customs clearance of goods and cargo transportation, determining the terms of delivery of goods in purchase and sale agreements.</p>	<p>Interaction of modes of transport, Economic geography of transport, Information technology in logistics</p>	<p>Digital technologies in supply chain management, Customs control, Container terminals and technologies</p>
		Foreign economic activity in transport				ON 6, ON 7, ON 12	<p>Formation of the concept, tasks and functions of production and distribution logistics, factors that determine the structure of the internal production system: traction and thrust logistics systems. To master the skills of integrating MRP-2, Lean Production, ERP, CSRP, Just-in-time, Kanban logistics systems into production enterprises and perform calculations for making management decisions. Introduction of innovations and new technologies for effective management of production logistics.</p>	<p>Interaction of modes of transport, Economic geography of transport, Information technology in logistics</p>	<p>Digital technologies in supply chain management, Customs control, Container terminals and technologies</p>
PD	EC	Electronic services in the management of production logistics and distribution	270	9	4	ON 8, ON 13	<p>Formation of the concept, tasks and functions of production and distribution logistics, factors that determine the structure of the internal production system: traction and thrust logistics systems. To master the skills of integrating MRP-2, Lean Production, ERP, CSRP, Just-in-time, Kanban logistics systems into production enterprises and perform calculations for making management decisions. Introduction of innovations and new technologies for effective management of production logistics.</p>	<p>Basics of logistics, Fundamentals of computer modeling</p>	<p>Information technology in logistics, Digital technologies in supply chain management, Transport and logistics centers and terminal technologies</p>
		Production logistics				ON 3, ON 9	<p>The discipline studies the concept, tasks and functions of production logistics, factors determining the structure of the intra-production system. The discipline summarizes the role of material flow management in the supply and production of materials with the organization of rules and distribution functions in the sales process</p>	<p>Basics of logistics, Transportation management on transport</p>	<p>Information technology in logistics, Digital technologies in supply chain management, Transport and logistics centers and terminal technologies</p>



1	2	3	4	5	6	7	8	9	10
		Customs statistics and procedures				ON 1, ON 12	The discipline systematizes a holistic idea of the rules of customs statistics. Shows ways to solve the tasks set related to market research, Export / Import. Acquisition of skills in performing statistical calculations using modern methods of analyzing customs information.	Basics of law and anti-corruption culture, Engineering Mathematics	Taxes and customs payments, Customs control
PD	EC	Transport law	180	6	3	ON 9, ON 11	Studies the legal foundations necessary in the relationship of carriers, infrastructure owners with shippers, consignees and passengers, in the performance of contractual relations and the determination of property and other types of liability in cases of their violation, consideration of regulatory documents regulating the procedure for carrying out activities in transport: for the transportation of goods and passengers, freight forwarding services.	Basics of law and anti-corruption culture, Engineering Mathematics	Taxes and customs payments, Customs control
		Transport and logistics centers and terminal technologies				ON 3, ON 7	The discipline forms a holistic comprehensive understanding of the structure and specifics of work in transport and logistics centers and terminals. The discipline studies the rules and principles of design of logistics centers and terminals, the main business processes in the activities of logistics centers and terminals, technical equipment in logistics centers and terminals, the conditions for their selection	Basics of logistics, Interaction of modes of transport, Taxes and customs payments	Information technology in logistics, Digital technologies in supply chain management, Customs control, Container terminals and technologies
PD	EC	Logistics technologies of cargo delivery	180	6	4	ON 2, ON 3, ON 7	The discipline studies the optimization of flow processes: optimization of the type and type of vehicles; integration of elements of various transport systems; integrated planning of transport and warehouse and production processes; rationalization of directions for moving material flows. It considers unimodal, mixed, intermodal, multimodal, Terminal transportation systems and the role of logistics intermediaries in transportation.	Basics of logistics, Interaction of modes of transport, Taxes and customs payments	Information technology in logistics, Digital technologies in supply chain management, Customs control, Container terminals and technologies



1	2	3	4	5	6	7	8	9	10
PD	EC	Customs control	270	9	7	ON 5, ON 6, ON 7	The discipline studies the systems and methodological approaches to conducting customs control, the organization and conduct of customs inspection, determines the signs of risk along the entire technological chain of customs operations during customs control of goods and vehicles under customs control.  Studies modern methods and possibilities of ensuring the coherence of the effective functioning and development of all external and internal elements of the organization, examines business processes and their interactions, and develops skills in planning, organizing, controlling, accounting and regulating the activities of transport organizations. Methods of active learning are used - situational tasks, case method.	Basics of law and anti-corruption culture, Customs statistics and procedures, Taxes and customs payments	Container terminals and technologies, Logistics of specialized transport 2, Internship 2
		Transport management				ON 9, ON 10		Basics of law and anti-corruption culture, Customs statistics and procedures, Taxes and customs payments	Container terminals and technologies, Logistics of specialized transport 2, Internship 2
PD	EC	Container terminals and technologies	180	6	8	ON 2, ON 3, ON 7	The discipline forms the ability to plan, organize and optimize transport and logistics business processes associated with multimodal, intermodal, container transportation, the operation of container terminals, and the interaction of various types of transport and logistics providers in supply chains. Within the framework of the discipline, field lectures are provided at 2 container terminal stations in Almaty.	Interaction of modes of transport, Information technology in logistics, Transport logistics, Global logistics	Internship 2, Final examination
		Logistics transport and cargo systems				ON 2, ON 4	The discipline studies the theory and practice of organization, mechanization and automation of loading and unloading, Transport and warehouse operations, on the basis of which the student can ensure the design and operation of transport and cargo complexes of railway transport and other types of transport.	Interaction of modes of transport, Transport support for international transportation, Transport logistics, Global logistics	Internship 2, Final examination
<b>Total</b>			<b>1080</b>	<b>36</b>					



## EXPERT OPINION

### for a bachelor's degree program 6B11340 – Customs logistics

The content of the educational program 6B11340 – Customs logistics includes organizational and managerial activities in the field of logistics of transport services, the organization of production and technological activities, the organization and management of the work of transport enterprises in the cargo supply chain by mode of transport, and ensures guaranteed professional mobility of fundamental courses at the intersection of related disciplines.

When developing the educational program 6B11340 - Customs Logistics, a logical system for constructing a sequence of disciplines based on professional standards is clearly visible, which is the key to successful training of specialists with a high level of professional culture, capable of independently formulating and solving modern theoretical and practical issues, and successfully implementing the acquired knowledge in production.

The form and content of the educational program does not raise doubts about the quality of training of future specialists in the organization, planning, support and control of cargo delivery, foreign economic activity in the management of business processes in transport.

I believe that the direction of training future specialists in accordance with the above educational program 6B11340 - Customs Logistics is relevant and meaningful, has a clearly structured development system, and can be recommended for implementation in the educational process.

AlmaU, Ph.D., Associate Professor



Bodaubaeva G.A.





## EXPERT OPINION

for a bachelor's degree program  
6B11340 – Customs logistics

The educational program was developed in order to implement the principles of the Bologna process and modern quality standards.

The program fully complies with the classification of the training area 6B113 - Transport services and provides for the inclusion in the program of disciplines related to the IT field, the study of which leads to innovative competencies of the graduate that are in demand in the domestic and international labor market.

Educational program 6B11340 – Customs logistics considers the tasks, learning outcomes, area, objects, types and functions of future professional activity. During the training process, students undergo various types of professional practices: educational, industrial and pre-graduation.

To implement the educational program, students are provided with access to the information resources of the academy and the use of scientific literature for additional study of disciplines.

The content of the sections of the educational program 6B11340 – Customs logistics fully corresponds to the field of scientific knowledge and advanced practical experience. To evaluate learning outcomes and the results of mastering the educational program in disciplines (modules), practices, and EA, the department provides a brief description of the disciplines studied in the program.

The disciplines studied in the educational program are built sequentially, taking into account market needs and ensuring human resources in the field of transport services.

The developers of the educational program, based on the competency model, constructed a matrix of distribution of the totality of graduate competencies in the educational process for the entire period of study according to the elements of the curriculum. This approach makes it possible to identify stage-by-stage competency models of students upon completion of each stage of training, academic discipline, module.

Developed in accordance with the put forward requirements: the curriculum of the bachelor's program taking into account the profile focus, work programs of academic disciplines, internship programs and state exams, requirements for final qualifying work are distinguished by a clearly verified structure, consistency, and coherence.

Educational program 6B11340 – Customs logistics, meets the requirements of the modern labor market for graduate qualifications and will allow you to implement the acquired knowledge in future professional activities.

**The examination was carried out by:**

**CF&S Kazakhstan company,  
railway transportation specialist**



**Korzhumbayeva S.T.**



**Review**  
**for educational program 6B11340 – Customs logistics**  
**in the direction of training B095 – Transport services**

The disciplines of the curriculum for the peer-reviewed educational program form the entire necessary list of general cultural and professional competencies provided for by the State Educational Standard for the relevant types of activities.

Bachelor's educational program 6B11340 – Customs logistics provides conditions for high-quality mastery of professional skills in the field of customs logistics, provision of automated registration of transport services, theoretical and practical training of future bachelors for the transition to the second and third stages of postgraduate education (master's and PhD), contributing to the formation of competitive specialists in the labor market.

The implementation of the educational program 6B11340 - Customs logistics is carried out through a strict sequence of studied disciplines such as: "Fundamentals of logistics - Transport logistics", "Transport and logistics centers and terminal technologies - Warehouse logistics", "Fundamentals of computer modeling - Logistics systems design", "Information technology in logistics – Digital technologies in supply chain management" developed on the basis of professional standards with the establishment of specific tasks and target indicators in order to ensure human resources in the field of transport services.

The uniqueness of the educational program 6B11340 - Customs logistics lies in the presence of meaningful trajectories developed in accordance with the requests of national transport companies; in the practical application of knowledge, innovative methods and technologies, the acquisition of future specialists with professional competencies necessary to carry out job functions and responsibilities in the industry in the future.

Based on the above, I believe that the content, structure and quality of the educational program meet the requirements of the educational program being implemented, has a holistic structure, and is recommended for active implementation in the educational process.

**Reviewer:**

*Candidate of Technical Sciences, Associate Professor of the Department  
"Organization of traffic management in transport and logistics"*

*International transport  
Humanitarian University)*



*Kenzhebaeva G.Zh.*



**Dear Musalieva Roza Dzhaliolovna**

Management of KTZ Express JSC - KTZE Yuzhny, represented by T.B. Makhtaev. got acquainted with the content of the educational program 6B11340 – «Customs logistics» and made the following recommendations:

- include in the educational program the disciplines: “Taxes and customs payments”, “Customs statistics and procedures”, “Customs control” for a clear understanding of the work of customs services, a description of customs procedures, the organization of customs clearance and customs control, as well as to give an idea of the regulation of foreign economic activities;

- increase the number of hours allocated for practical training at employers' bases in order to develop certain types of professional competencies;

- update the content of educational programs by including basic and core discipline modules in the cycle, reflecting modern innovative technologies in the transport and communications sector.

**JSC "KTZ Express" - "KTZE Yuzhny",  
Director of the branch**



**Makhtaev T.B.**



# 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., Olzhabayeva 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;
- 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 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.**







### 15. CHANGES REGISTRATION SHEET

№	Section, paragraph of the document	Type of change (replace, cancel, add)	Number and date of notification	Change made	
				Date	Surname and initials, signature, position