Joint stock company
«ALT Mukhamedzhan Tynyshpaev University»

APPROVED
by the decision of the AC ALT University from
« 27 » 05 2025 y. (Protocol № 8)
President-Rector
_____________ Zharmagambetova M.S.

EDUCATIONAL PROGRAM

Name: 6B11370-Organization of transportation

Level of training: bachelor course

Code and classification of training areas: 6B113 Transportation services

Code and group of educational programs: B095 Transportation services

Date of registration in the Registry: 28.05.2025

Registration number: 6B11300090

Almaty, 2025 y.

CONTENT

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

1 DEVELOPED BY:

Mukhamedzhan Tynyshpaev ALT University, Associate Professor of the Department of «TSB», Candidate of Technical Sciences — *Vakhitova L.V.*

Mukhamedzhan Tynyshpaev ALT University, Assistant Professor of the Department of «TSB», PhD — *Bekmagambetova L.K.*

Specialist Analyst of the Department of Dispatching transportation Management of «TransCom» LLP, Candidate of Technical Sciences — *Aikumbekov M.N.*

Student of the educational program 6B11326-OTTOT — *Kosherbaeva S.*

2 EXPERTS:

Head of RTMC-2, Branch of «NC «KTZ» JSC – «Almaty Main Network Department» — *Turgaliyev A.Y.*

Director of the Transportation Department of «TransCom» LLP — *Zhumataev A.Zh.*

3 REVIEWER:

General Director of Rapid Logistics LLP Kazakhstan Office — *Vakhitov R.V.*

4 REVIEWED AND RECOMMENDED:

Meeting of the AC of the Department «Transportation Services and Business» Protocol No. 1, «17» February 2025 — *Musalieva R.D.*

Meeting of the QAC-EMB of the Institute «Logistics and Business» Protocol No. 7, «20» February 2025 — *Musaeva G.S.*

Meeting of the EMC Protocol No. 4, «20» March 2025 — *Kodzhabergenova A.K.*

5 APPROVED *by the decision of the Academic Council of March 27, 2025 No. 8*

6 INTRODUCED *For the first time*

2. REGULATORY REFERENCES

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

1. The Law of the Republic of Kazakhstan «On Education» dated July 27, 2007 No. 319-III (with amendments and additions as of June 16, 2025).

2. The 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. The sectoral qualifications framework of the field of «Education», approved by the Minutes 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. The State mandatory standard of higher and postgraduate education approved by the Order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated July 20, 2022 No. 2 (with amendments and additions dated March 04, 2025 No. 90).

5. The Qualification directory of positions of managers, specialists and other employees, approved by the Order of the Minister of Labor and Social Protection of the Population of the Republic of Kazakhstan dated December 30, 2020 No. 553. (with additions and amendments dated June 20, 2024 No. 207).

6. The Rules for the organization of the educational process on credit technology of education in organizations of higher and (or) postgraduate education, approved by the Order of the Minister of the Ministry of Education and Science of the Republic of Kazakhstan No. 152 dated 04/20/2011. (with additions and amendments dated March 26, 2025 No. 134).

7. The Classifier of training areas 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 July 21, 2023 No. 327).

8. The algorithm of inclusion and exclusion of 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 amendments as of December 23, 2020 No. 536).

9. WI-ALT-33 «Regulations on the procedure for developing the educational program of higher and postgraduate education».

10. Professional standard: «Operation of wagons (containers)», National Chamber of Entrepreneurs of the Republic of Kazakhstan «Atameken», approved by Order No. 256 dated 20.12.2019 (Order No. 136 dated 01.09.2023).

11. Professional standard: «Logistics of passenger transportation», National Chamber of Entrepreneurs of the Republic of Kazakhstan «Atameken», approved by Order No.136 dated 09/01/2023.

12. Professional standard: «Organization of station work», National Chamber of Entrepreneurs of the Republic of Kazakhstan «Atameken», approved by Order No. 256 dated 20.12.2019.

13. Professional standard: «Activities of bus stations and bus terminals», National Chamber of Entrepreneurs of the Republic of Kazakhstan «Atameken», approved by Order No. 136 dated 09.01.2023.

14. Professional standard: «Management and control of traffic safety in railway transport», National Chamber of Entrepreneurs of the Republic of Kazakhstan «Atameken», approved by Order No. 256 dated 20.12.2019 (Order No. 136 dated 01.09.2023).

15. Professional standard: «Organization and conditions of transportation», National Chamber of Entrepreneurs of the Republic of Kazakhstan «Atameken», approved by Order No. 136 dated 09.01.2023.

16. Professional standard: «Dispatching regulation in railway transport (linear level)», National Chamber of Entrepreneurs of the Republic of Kazakhstan «Atameken», approved by Order No. 136 dated 09.01.2023.

17. Professional standard: «Transportation of goods by road», National Chamber of Entrepreneurs of the Republic of Kazakhstan «Atameken», approved by Order No. 136 dated 09.01.2023.

18. Professional standard: «Rail freight transportation: freight and commercial work (station level)», National Chamber of Entrepreneurs of the Republic of Kazakhstan «Atameken», approved by Order No. 136 dated 09.01.2023.

19. Professional standard: «Container transportation», National Chamber of Entrepreneurs of the Republic of Kazakhstan «Atameken», approved by Order No. 256 dated 20.12.2019 (Order No.136 dated 01.09.2023).

3 PASSPORT OF THE EDUCATIONAL PROGRAM

№	Field name	Note
1	Registration number	No. 6B11300090
2	Code and classification of the field of education	6B11 Services
3	Code and classification of training areas	6B113 Transportation services
4	Code and group of educational programs	B095 Transportation services
5	Name of the educational program	Organization of transportation
6	Type of educational program	New
7	Purpose of the educational program	Training of qualified specialists in the field of transport services who are able to effectively and efficiently use the transport infrastructure, implement modern technologies and ensure high standards of safety and sustainability of transport systems for the further development of the industry
8	ISCED level	6
9	Level according to the NQF	6
10	Level according to the IQF	6
11	Distinctive features of the EP	No
	Partner University (JEP)	
	Partner University (Two-degree EP)	
12	Form of training	Full-time, full-time with the use of distance education technology
13	language of education	Kazakh, Russian
14	Volume of credits	241
15	Academic degree awarded	Bachelor in the field of services in the educational program «Organization of transportation»
16	Availability of an appendix to the license for the direction of training	KZ87LAA00036465 от 28.06.2024
17	Availability of EP accreditation	-
	Name of the accreditation body	-
	Validity period of accreditation	-

4 THE GRADUATE'S COMPETENCE MODEL

Objectives of the educational program:

1. Formation of a person capable of self-improvement and professional growth with diverse humanitarian and natural science knowledge and interests.

2. Formation of the ability to critically rethink the accumulated experience, change, if necessary, the profile of their professional activities, awareness of the social significance of their future profession, having a high motivation to perform professional activities.

3. Formation of the ability to find a compromise between various requirements (cost, quality, safety and deadlines) in long-term and short-term planning and make optimal decisions in the field of organization, management of the operational work of the industry.

4. Formation of the ability to generalize, analyze, perceive information, set goals and choose ways to achieve it.

5. Assistance in the formation of graduate readiness: development of measures to improve logistics management systems in transport, and the choice and effective use of transport equipment, equipment and other means for the implementation of production processes.

6. Formation of graduates' readiness to conduct technical and economic analysis, comprehensive justification of decisions taken and implemented in the field of organization and operation of transport, application of results in practice, striving for self-development, improvement of their qualifications and skills.

7. Assistance in the formation of graduates' readiness for the economical and safe use of natural resources, and the introduction of marketing and management methods in the organization of the transportation process.

The purpose of the educational program: Training of qualified specialists in the field of transport services who are able to effectively and efficiently use the transport infrastructure, implement modern technologies and ensure high standards of safety and sustainability of transport systems for the further development of the industry.

Learning outcomes:

LO1 – Demonstrate an understanding of mathematical laws and fundamentals of programming in the context of solving engineering problems arising during the operation of transport, using information and communication technologies, computer modeling and artificial intelligence in order to optimize the transportation process in conditions of digital inclusion.

LO2 – Apply modern approaches and knowledge in the field of life safety, occupational safety and environmental protection in the framework of professional activities, taking into account the principles of inclusive and sustainable development.

LO3 – Make informed financial and managerial decisions, evaluate the economic feasibility of projects, taking into account the principles of sustainable development and the green economy, as well as apply the tools of managerial economics to effectively manage the transport business.

LO4 – To ensure the safety and efficiency of vehicles by applying knowledge and skills in the design, operation and maintenance of railway and motor transport rolling stock, to navigate the regulatory framework governing their use, taking into account the principles of licensing and certification in the transport sector.

LO5 – To develop and implement efficient, safe and economical logistics solutions in the global economy, applying modern knowledge and practical skills in the field of transport logistics and supply chain management, including international transportation and automation of logistics processes using advanced technologies.

LO6 – Develop projects for the reconstruction and technical equipment of new transport facilities, analyze and create innovative solutions for the sustainable development of infrastructure in cities and regions, optimize technological processes for the rational use of throughput and processing capacity, taking into account current trends and prospects.

LO7 – Demonstrate skills in planning, organizing and managing rail and road transportation, taking into account the rational use of capacity and technical equipment, ensure the safe and sustainable functioning of the transport system, controlling the efficiency of traffic flows and rolling stock.

LO8 – To solve the problems of efficient organization and management of transport processes by introducing intelligent technologies to optimize traffic on various modes of transport, ensuring a high level of safety and quality of passenger and cargo transportation in conditions of their interaction, including high-speed transport.

LO9 – Organize effective planning, management and control of cargo transportation processes for a wide range of different modes of transport, taking into account their specific properties and characteristics, as well as requirements for their transportation, ensuring the safety of goods in the context of the introduction of modern information technologies in the management of transport and cargo systems.

LO10 – Apply comprehensive knowledge and practical skills in the field of road safety and transport safety, demonstrating the ability to analyze factors affecting traffic safety, assess road conditions, develop and implement measures to improve traffic safety, as well as practical skills and psychological readiness for safe and confident driving in various road conditions.

LO11 – Demonstrate a critical understanding of the socio-cultural and political-legal context of Kazakhstan in the global world, develop self-awareness and interpersonal skills, master the basics of law and anti-corruption culture, apply effective time management methods, and support the principles of inclusion and sustainable development.

LO12 - Demonstrate developed communicative competencies in the state and foreign languages, having sufficient knowledge for effective communication in academic and professional fields, express their thoughts and understand oral and written speech, carrying out intercultural communication taking into account linguistic and cultural characteristics.

Field of professional activity: organization and management of operational activities of passenger and cargo transportation; auxiliary and additional transport activities.

Objects of professional activity:

- processes of organization and management of operational activities of passenger and freight transport;
- accounting, reporting and technical documentation;
- primary labor collectives.

Types of professional activity:

- organization of the transportation process (by type of transport);
- organization of service on transport (by type of transport);
- organization of transport and logistics activities (by type of transport).

Functions of professional activity:

- organization, control and logistics;
- designing;
- service and operation.

List of specialist positions:

- Chief Specialist/Traffic Safety Engineer (by level);
- Regional Traffic Safety Auditor (by household);
- Regional Chief Auditor for Traffic Safety;
- Head of the Railway Traffic Safety Service/Department;
- Head of the Operational and Administrative Department;
- Deputy Head of the Operational and Administrative Department;
- Head of the container site;
- Transportation Service Manager;
- Container Transportation Engineer;
- Head of the 3rd grade station;
- Deputy Station Chief (for Operational Work);
- Head of the station of an extracurricular station (grade 1-2);
- Chief Engineer of the extracurricular station (grade 1-2);

- Head of the Department of Organization and Conditions of Transportation;
- Freight Transportation Engineer;
- The manager responsible for ensuring traffic safety;
- Head of Passenger Transportation Service;
- Specialist in Passenger Transport Infrastructure Development;
- Lead Engineer (for cargo and commercial work);
- Cargo Dispatcher;
- Deputy Station Chief for Freight and Commercial Work;
- Wagon (Container) Management Manager;
- Customer Support Manager for wagons (containers);
- Bus station and bus station manager.

Professional certificates obtained at the end of training not provided

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

In the course of training, students undergo various types of professional practice:
- educational;
- production;
- production (pre - graduation).

Educational practice. The organization of educational practice is aimed at ensuring familiarization of bachelors with the main areas, objects, areas of professional activity and profiles of training and consolidation of theoretical material, as well as conducting study tours in the branch of the department for this educational program.

Production practice (1). The main objectives of the industrial practice are: consolidation of theoretical knowledge and practical skills on the chosen educational program in a production environment, gaining experience in organizational work, obtaining a working specialty, the formation of practical skills and competencies in the process of mastering the bachelor's program.

Pre-graduate/Production practice (2). The purpose of the practice for bachelors is to ensure the relationship between the theoretical knowledge gained in the assimilation of the chosen educational program and practical activities. The objectives of this practice are to consolidate and deepen the theoretical knowledge gained by students in the learning process, collect information for writing a final qualifying work, study best practices at the enterprise, as well as gain experience in independent research work, mastering a variety of methods of scientific work. It is carried out in the bases of practices at enterprises according to this educational program.

Final certification. It is aimed at determining the level of professional training of graduates according to the educational program. The final certification is implemented in the form of a final certification comprehensive exam or by performing and defending a final qualifying research paper on an urgent or problematic topic (individual or group). Based on this assessment, a conclusion is made about the effectiveness of educational activities and the quality of training of specialists.

5. MATRIX OF CORRELATION OF LEARNING OUTCOMES ACCORDING TO THE EDUCATIONAL PROGRAM WITH ACADEMIC DISCIPLINES/MODULES

№	Name of the discipline	Number of credits	Matrix of correlation of learning outcomes according to the educational program with academic disciplines											
			LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10	LO11	LO12
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
GENERAL EDUCATION DISCIPLINES CYCLE (GED):														
Module of General Educational Competencies														
1	History of Kazakhstan	5											+	
2	Philosophy	5											+	
3	Physical Education	8											+	
Module of Language Competencies														
4	Foreign Language	10												+
5	Kazakh (Russian) Language	10												+
Module of Socio-Political Competencies														
6	Sociology	2											+	
7	Culturology	2											+	
8	Political Science	2											+	
9	Psychology	2											+	
Module of Information Technology and Artificial Intelligence														
10	Information and Communication Technologies	5	+											
Module of Economic and Management Competencies														
11	Environmentally Sustainable Technologies	5		+										
	Green Economy and Sustainable Entrepreneurship				+									
	Fundamentals of Financial Literacy				+									
	Digital Inclusion		+											
	Basics of Law and Anti-Corruption Culture					+							+	
BASIC DISCIPLINES CYCLE (BD):														
Module of Natural Science Competencies														
12	Engineering Mathematics 1	5	+											
13	Engineering Mathematics 2	5	+											
Professional Module														
14	Passenger Transportation	6								+				
15	Interaction of Modes of Transport	5								+				
16	Occupational Safety and Health	5		+										
17	Ensuring traffic safety on transport	6										+		
18	Organization of transportation and traffic management	6								+				
Module of Information Technology and Artificial Intelligence														
19	Engineering graphics and computer modeling	4	+											
20	Python programming basics	3	+											
Practice-Oriented Module														
21	Professionally oriented foreign language	3												+
22	Educational Practice	2	+										+	+
Professional Module														
23	Rolling stock and train traction	6				+								
	Construction and operation of motor vehicles					+								
24	Railway design and maintenance	6						+						
	Design and maintenance of roadways							+						
25	Design and reconstruction of railway stations and junctions	6						+						
	Transport layout of cities							+						

26	Transport support for international transportation	6					+							
	Technology and organization of road transportation									+				
27	Transport and cargo systems	6									+			
	Licensing and certification in road transport					+								
Module of Economic and Management Competencies														
28	Managerial Economics	3			+									
	Time-management												+	
PROFILE DISCIPLINES CYCLE (PD):														
Module of Information Technology and Artificial Intelligence														
29	Transport logistics	6					+							
30	Organization and management of high-speed traffic	6								+				
Professional Module														
31	Passenger complex infrastructure	7						+						
32	Cargo management	6									+			
33	Organization of cargo and commercial work	5									+			
34	Organization of cargo transportation under special conditions	6									+			
35	Smart City technologies	6	+					+						
Practice-Oriented Module														
36	Industrial Practice 1	5		+	+	+	+	+	+	+	+	+		
37	Industrial (Pre-graduation) Practice 2	5		+	+	+	+	+	+	+	+	+		
Professional Module														
38	Operational management of railway stations and junctions	6							+					
	Organization and management of a motor transport company								+					
39	Prospects for development of railway stations and junctions	6						+						
40	Traffic flow management								+					
41	Management of operational work of railway sections and directions	7							+					
42	Traffic management									+				
43	Technical regulation of the organization by rail	6							+					
44	Technical means of traffic management									+				
45	Transport security and train traffic control systems	7										+		
46	Road conditions and traffic safety											+		
Intelligent Technologies in Transport / Module of Additional Educational Program														
47	Intelligent technologies in the transportation process	3	+							+				
	Minor program 1:									+				
48	Automation of Logistics Processes (RFID, IoT, Sensor Networks)	3					+							
	Minor program 2:						+							
49	Education and training of motor transport drivers	3										+		
	Minor program 3:											+		
50	Final Attestation	8	+	+	+	+	+	+	+	+	+	+	+	+
ADDITIONAL TYPES OF TRAINING (ATT):														
Module of Personal Competencies														
51	Service to Society	1											+	
	Business Communications													+

6. STRUCTURE OF THE BACHELOR'S DEGREE PROGRAM

№ п/п	The name of the cycles of disciplines	Total labor intensity	
		in academic hours	in academic credits
1	Cycle of general education disciplines (GED)	**1680**	**56**
1)	**Required component**	**1530**	**51**
	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)	**University component and (or) optional component**	**150**	**5**
2	Cycle of basic and profile disciplines (BD, PD)	nevertheless 5280	nevertheless 176
1)	**University component and (or) optional component**		
2)	**Professional practice**		
3	Additional types of training (ATT)		
1)	**Component of choice**		
4	Final certification	nevertheless 240	nevertheless 8
	Total	**nevertheless 7200**	**nevertheless 240**

7. THE CURRICULUM FOR THE ENTIRE PERIOD OF STUDY

АО «ALT Университет имени Мухамеджана Тынышпаева»

УЧЕБНЫЙ ПЛАН

Форма обучения: очная

Срок обучения: 3 года

Прием: 2025 год

Направление подготовки:
6В113 Транспортные услуги

Группа образовательных программ:
В095 Транспортные услуги

Наименование образовательной программы:
6В11370 - Организация перевозок

Степень: Бакалавр в области услуг

УТВЕРЖДЕН
Решением Ученого совета
АО «ALT Университет имени М.Тынышпаева»
от "27" марта 2025 г. Протокол № 8
Председатель Ученого совета
Жармагамбетова М.С.

№	Код дисциплины	Наименование циклов и дисциплин	Общая трудоемкость: в академических часах	Общая трудоемкость: в академических кредитах	Форма контроля, семестр: Экзамен	Форма контроля, семестр: КП (КР)	Объем учебной нагрузки, часы: Всего часов	Контактные: лекции	Контактные: практические	Контактные: лабораторные	СРОП	СРО	1 курс: 1 (15 недель)	1 курс: 2 (15 недель)	1 курс: 3 (15 недель)	2 курс: 4 (15 недель)	2 курс: 5 (15 недель)	2 курс: 6 (15 недель)	3 курс: 7 (15 недель)	3 курс: 8 (15 недель)	3 курс: 9 (15 недель)	Закреплено за кафедрой
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1.	ЦИКЛ ОБЩЕОБРАЗОВАТЕЛЬНЫХ ДИСЦИПЛИН (ООД)																					
М1	Модуль общеобразовательных компетенций																					
1.1.	Обязательный компонент:		1530	51			1530	88	448	0	158	842	8	8	13	13	4	2	7	0	0	
1.1.1.	23-0-B-OK-IK	История Казахстана	150	5	4		150	20	20		8	102				5						СГДиФВ
1.1.2.	23-0-B-OK-Fil	Философия	150	5	7		150	20	20		8	102							5			СГДиФВ
1.1.3.	23-0-B-OK-FK	Физическая культура	240	8	1,2,3,4		240		40		32	168	2	2	2	2						СГДиФВ
М2	Модуль языковых компетенций																					
1.1.4.	23-0-B-OK-IYa	Иностранный язык	360	10	1,2,3,4,5		360		200		40	60	2	2	2	2	2					LE
1.1.5.	23-0-B-OK-K(R)Ya	Казахский (Русский) язык	360	10	1,2,3,4,5		360		100		40	180	2	2	2	2	2					LE
М3	Модуль социально-политических компетенций																					
1.1.6.	23-0-B-OK-Soc	Социология	240	8	3,4,6,7		240	5	10		8	37				2						СГДиФВ
	23-0-B-OK-Kul	Культурология						5	10		8	37			2							СГДиФВ
	23-0-B-OK-Pol	Политология						5	10		8	37							2			СГДиФВ
	23-0-B-OK-Psi	Психология						5	10		8	37						2				СГДиФВ
М4	Модуль информационных технологий и искусственного интеллекта																					
1.1.7.	23-0-B-OK-IKT	Информационно-коммуникационные технологии	150	5	3		150	20	20		8	102			5							ИКТ
1.2.	Компонент по выбору:		150	5			150	20	20	0	8	102	0	0	0	0	0	5	0	0	0	
М5	Модуль экономическо-управленческих компетенций																					
1.2.1.	25-0-B-KV-EUT	Экологические устойчивые технологии	150	5	6		150	20	20		8	102						5				АТСиБЖД
	25-0-B-KV-ZEUP	Зеленая экономика и устойчивое предпринимательство																				ТУиБ
	24-0-B-KV-OFG	Основы финансовой грамотности																				ТУиБ
	25-0-B-KV-CI	Цифровая экономика																				ИКТ
	23-0-KV-OPAK	Основы права и антикоррупционной культуры																				СГДиФВ
	ВСЕГО по циклу ООД:		1680	56			1680	108	460	0	176	944	8	8	13	13	4	7	7	0	0	
2	ЦИКЛ БАЗОВЫХ И ПРОФИЛИРУЮЩИХ ДИСЦИПЛИН (БД, ПД)																					
2.1.	БАЗОВЫЕ ДИСЦИПЛИНЫ (БД):																					
2.1.1.	Вузовский компонент:		1590	53			1590	120	200	0	155	965	14	20	3	0	0	3	0	11	8	
М6	Модуль естественно-научных компетенций																					
2.1.1.1.	24-0-B-VK-IM1	Инженерная математика 1	150	5	1		150	10	20		15	105	5									ОН
2.1.1.2.	24-0-B-VK-IM2	Инженерная математика 2	150	5	2		150	10	20		15	105		5								ОН
М7	Профессиональный модуль																					
2.1.1.3.	25-B-VK-PP	Пассажирские перевозки	180	6	2		180	20	20		15	125		6								ТУиБ
2.1.1.4.	23-0-B-VK-VVT	Взаимодействие видов транспорта	150	5	1		150	20	10		15	105	5									ТУиБ
2.1.1.5.	25-0-B-VK-OTBZhd	Охрана труда и безопасность жизнедеятельности	150	5	8		150	10	20		20	100								5		АТСиБЖД
2.1.1.6.	23-0-B-VK(KV)-OBDT	Обеспечение безопасности движения на транспорте	180	6	8		180	20	20		15	125								6		ТУиБ
2.1.1.7.	25-0-VK-OPUD	Организация перевозок и управление движением	180	6	2		180	20	20		15	125		6								ТУиБ
М4	Модуль информационных технологий и искусственного интеллекта																					
2.1.1.8.	23-0-B-VK-IGKM	Инженерная графика и компьютерное моделирование	120	4	1		120	10	20		15	75	4									ИКТ
2.1.1.9.	25-0-B-VK-OPP	Основы программирования Python	90	3	2		90		10		15	65		3								ИКТ
М8	Практикоориентированный модуль																					
2.1.1.10.	23-0-B-VK-POIYa	Профессионально-ориентированный иностранный язык	90	3	6		90		40		15	35						3				LE
2.1.1.11.	23-0-B-VK-Up	Учебная практика	60	2	3		60								2							ТУиБ
2.1.2.	Компонент по выбору:		990	33	33	0	990	115	85	20	90	680	6	[illegible]	[illegible]	[illegible]	[illegible]	0	3	6	6	
М7	Профессиональный модуль																					
2.1.2.1.	23-26-0-KV-PSTP	Подвижной состав и тяга поездов	180	6	1		180	20	20		15	125	6									ПС
	25-B-KV-UEAS	Устройство и эксплуатация автотранспортных средств																				АТСиБЖД
2.1.2.2.	23-26-0-KV-PEZhD	Проектирование и эксплуатация железных дорог	180	6	3		180	20	20		15	125			6							ТС
	23-26-0-KV-PEAD	Проектирование и эксплуатация автомобильных дорог																				АДН

2.1.2.3.	25-B-KV-PRZhSU	Проектирование и реконструкция железнодорожных станций и узлов	180	6	5		180	20	20		15	125					6					ТУиБ
	25-B-KV-TPG	Транспортная планировка городов																				АСН
2.1.2.4.	25-B-KV-TOMP	Транспортное обеспечение международных перевозок	180	6	8		180	20		20	15	125								8		ТУиБ
	25-B-KV-TOAP	Технология и организация автомобильных перевозок																				
2.1.2.5.	23-25KF-B-KV-TGS	Транспортно-грузовые системы	180	6	9		180	20	20		15	125									6	ТУиБ
	25-B-KV-LST	Лицензирование и сертификация на автотранспорте																				АТСиОКД
M5		Модуль экономическо-управленческих компетенций																				
2.1.2.6.	23-6-B-KV-UE	Управленческая экономика	90	3	7		90	10	10		15	55							3			ТУиБ
	23-6-B-KV-TM	Тайм-менеджмент																				
	ВСЕГО по циклу БД:		2490	83			2490	235	285	20	245	1545	20	20	8	0	6	3	3	17	6	
2.2.	ЦИКЛ ПРОФИЛИРУЮЩИХ ДИСЦИПЛИН (ПД):																					
2.2.1.	Вузовский компонент:		1560	52			1560	150	130	0	105	875	0	0	0	13	17	11	0	0	11	
M4		Модуль информационных технологий и искусственного интеллекта																				
2.2.1.1.	23-B-B-(VK)KV-TL	Транспортная логистика	180	6	6		180	20	20		15	125						6				ТУиБ
2.2.1.2.	25-B-VK-OUVD	Организация и управление высокоскоростным движением	180	6	9		180	20	20		15	125									6	ТУиБ
M7		Профессиональный модуль																				
2.2.1.3.	25-B-VK-IPK	Инфраструктура пассажирского комплекса	210	7	4		210	30	20		15	145				7						ТУиБ
2.2.1.4.	23-B-B-(VK)KV-Gru	Грузоведение	180	6	4		180	20	20		15	125				6						ТУиБ
2.2.1.5.	23-25-B-VK-OGKR	Организация грузовой и коммерческой работы	150	5	5		150	20	10		15	105					5					ТУиБ
2.2.1.6.	25-B-VK-OPGOU	Организация перевозки грузов на особых условиях	180	6	5		180	20	20		15	125					6					ТУиБ
2.2.1.7.	25-B-VK-TUG	Технологии умного города	180	6	5		180	20	20		15	125					6					ТУиБ
M8		Практикоориентированный модуль																				
2.2.1.8.	22-0-B-VK-PP1	Производственная практика 1	150	5	6		150											5				ТУиБ
2.2.1.9.	22-0-B-VK-PP(P)P	Производственная (преддипломная) практика 2	150	5	9		150														5	ТУиБ
2.2.2.	Компонент по выбору:		1230	41	55	0	1230	150	100	30	120	835	0	0	6	0	0	6	17	9	3	
M7		Профессиональный модуль																				
2.2.2.1.	25-B-KV-UERZhSU	Управление эксплуатационной работой железнодорожных станций и узлов	180	6	3		180	20	10	10	15	125			6							ТУиБ
	25-B-KV-OUAP	Организация и управление автотранспортным предприятием																				
2.2.2.2.	23-25-B-KV-PRZhSU	Перспективы развития железнодорожных станций и узлов	180	6	6		180	20	20		15	125						6				ТУиБ
	25-B-KV-UAP	Управление автотранспортными потоками																				
2.2.2.3.	25-B-KV-UERZhUN	Управление эксплуатационной работой железнодорожных участков и направлений	210	7	7		210	30	10	10	15	145							7			ТУиБ
	25-B-KV-ODD	Организация дорожного движения																				
2.2.2.4.	23-25-B-KV(VK)-TNOPZhT	Техническое нормирование организации перевозок на железнодорожном транспорте	180	6	8		180	20	10	10	15	125								6		ТУиБ
	25-B-KV-TSODD	Технические средства организации дорожного движения																				
2.2.2.5.	23-25-B-KV-TBSUDP	Транспортная безопасность и системы управления движением поездов	210	7	7		210	30	20		15	145							7			ТУиБ
	25-B-KV-DUBD	Дорожные условия и безопасность движения																				
M9		Интеллектуальные технологии на транспорте / Модуль дополнительной образовательной программы																				
2.2.2.6.	25-B-KV-ITvPP	Интеллектуальные технологии в перевозочном процессе	90	3	7		90	10	10		15	55							3			ИКТ
	24-B-B-KV-MN1	Минорная программа 1:																				ТУиБ
2.2.2.7.	25-B-B-KV-ALP	Автоматизация логистических процессов (RFID, IoT, сенсорные сети)	90	3	8		90	10	10		15	55								3		ТУиБ
	24-B-B-KV-MN2	Минорная программа 2:																				ТУиБ
2.2.2.8.	25-B-KV-OiPVAT	Обучение и подготовка водителей автомобильного транспорта	90	3	9		90	10	10		15	55									3	ТУиБ
	24-B-B-KV-MN3	Минорная программа 3:																				ТУиБ
	ВСЕГО по циклу ПД:		2790	93	55	0	2790	300	230	30	225	1705	0	0	6	13	17	17	17	9	14	
	ВСЕГО по циклам БД и ПД:		5280	176	55	0	5280	535	515	50	470	3350	20	20	14	13	23	20	20	26	20	
3.		ДОПОЛНИТЕЛЬНЫЕ ВИДЫ ОБУЧЕНИЯ (ДВО)																				
M10		Модуль личностных компетенций																				
3.1.	24-0-B-KV-DVO-SO	Служение обществу	30	1	1		30		10		5	15	1									ТУиБ
	24-0-B-KV-DVO-BK	Бизнес коммуникации																				
	ИТОГО ПО ТЕОРЕТИЧЕСКОМУ КУРСУ ОБУЧЕНИЯ (ТКО):		6990	233	55	0	6990	635	985	50	651	4309	27	25	27	25	27	27	27	26	20	
4.	24-0-B-IKIA	ИТОГОВАЯ АТТЕСТАЦИЯ	240	8																	8	ТУиБ
	ИТОГО ЗА ВЕСЬ ПЕРИОД ОБУЧЕНИЯ:		7230	241	55	0	6990	635	985	50	651	4309	27	26	27	26	27	27	27	26	28	

СОГЛАСОВАНО:
и.о.Проректора по АД __________ Кодмабергенова А.К.

РАЗРАБОТАНО:
Директор института "ЛиБ" __________ Мусаева Г.С.
Заведующий кафедрой "ТУиБ" __________ Мусалиева Р.Д.

8. CATALOG OF DISCIPLINES OF THE UNIVERSITY COMPONENT

EDUCATIONAL PROGRAMS **6B11370 – Organization of transportation**

Education level: Bachelor's degree **Duration of study: 3 years** **Year of admission: 2025**

Cycle	Compo-nent	Name of the discipline	Total labor intensity		trimester	Learning outcome	Brief description of the discipline	Prerequisites	Post-requisites
			in academic hours	in academic credits					
1	2	3	4	5	6	7	8	9	10
BD	UC	Engineering Mathematics 1	150	5	1	LO1	The discipline Engineering Mathematics 1 studies the basic concepts of higher mathematics and its applications. The course sections include elements of linear algebra and analytical geometry, an introduction to mathematical analysis, and differential calculus of functions of one and several variables. The purpose of the course is to master the mathematical apparatus for solving theoretical and applied problems of a specific profile, to gain an understanding of mathematical modeling, and to develop analytical and systems thinking, which makes it possible to effectively solve engineering problems. The discipline uses interactive teaching methods and performing computational and graphical work.	Disciplines of the school component	Engineering Mathematics 2, Information and Communication Technologies, Python programming basics, Railway design and maintenance, Design and maintenance of roadways, Prospects for development of railway stations and junctions, Design and reconstruction of railway stations and junctions, Transport layout of cities
BD	UC	Engineering Mathematics 2	150	5	2	LO1	The formation of students' mathematical knowledge and skills necessary for the study of related natural science disciplines, disciplines of the professional cycle and skills of mathematical modeling and research in professional activities. The course sections include integral calculus of functions of one and several variables, ordinary differential equations, and series theory. Special attention is paid to the application of mathematical methods to solve engineering problems	Disciplines of the school component, Engineering Mathematics 1	Railway design and maintenance, Design and maintenance of roadways, Information and Communication Technologies, Prospects for development of railway stations and junctions, Design and reconstruction of railway stations and junctions, Transport layout of cities
BD	UC	Passenger transportation	180	6	2	LO8	Study of a complex of issues related to the organization, planning and management of passenger movement by various modes of transport. The	Rolling stock and train traction,	Passenger complex infrastructure, Smart City

							course examines the regulatory framework, passenger service technologies, safety and comfort issues, cost-effectiveness of transportation, as well as current trends in the development of the passenger transport industry, including digitalization and intermodal transportation. Special attention is paid to optimizing routes and schedules	Construction and operation of motor vehicles, Interaction of Modes of Transport	technologies, Organization and management of high-speed traffic, Educational Practice, Transport logistics
BD	UC	Interaction of modes of transport	150	5	1	LO8	The discipline studies modes of transport, advantages and disadvantages, technical and operational indicators, forms knowledge and skills in the field of choosing a vehicle and the optimal method of transporting goods, masters methods of interaction of modes of transport, evaluates options for cargo transportation	Disciplines of the school component	Passenger Transportation, Organization of transportation and traffic management, Transport logistics, Transport and cargo systems, Transport support for international transportation, Educational Practice, Cargo management
BD	UC	Occupational safety and health	150	5	8	LO2	The discipline studies the direction of students' formation of knowledge and skills necessary to ensure safe working and living conditions. The legal and organizational foundations of occupational safety, methods of occupational risk assessment and management, means of individual and collective protection, emergency prevention, as well as measures to prevent injuries and occupational diseases are studied. Special attention is paid to the creation of a safe working environment, compliance with labor protection standards and requirements, as well as the formation of a safety culture in professional activities	Environmentally Sustainable Technologies	Education and training of motor transport drivers, Industrial (Pre-graduation) Practice 2
BD	UC	Ensuring traffic safety on transport	180	6	8	LO10	Acquisition by students of knowledge, principles, conditions and methods of ensuring the safety of vehicles in accident-free operation, instilling skills of an integrated approach to solving transport security problems, including in non-standard situation. As part of the study of the discipline, interactive methods are used, the solution and analysis of situational problems, discussions, guest lectures by leading top managers of transport companies	Rolling stock and train traction, Construction and operation of motor vehicles, Organization of transportation and traffic management	Transport security and train traffic control systems, Road conditions and traffic safety
BD	UC	Organization of transportation and traffic management	180	6	2	LO8	Learning the basics of planning, organization and operational management of transport processes. The types of schedules and methods of their compilation of work of various modes of transport, infrastructure capacity management, traffic safety, as well as the use of modern information process and increase its efficiency are considered	Interaction of Modes of Transport, Rolling stock and train traction, Construction and operation of motor vehicles	Ensuring traffic safety on transport, Organization of cargo transportation under special conditions, Traffic management, Technology and organization of road transportation, Educational Practice, Operational management of railway stations and junctions, Organization and management of a motor transport company
BD	UC	Engineering graphics and	120	4	1	LO1	The course covers the principles of technical drawing and engineering graphics, as well as modern 3D modeling methods using specialized software,	Disciplines of the school component	Smart City technologies, Railway design and

		computer modeling					aimed at developing and visualizing technical objects, creating digital models and diagrams, drafting, modeling structures, and analyzing their parameters for solving engineering problems		maintenance, Design and reconstruction of railway stations and junctions, Transport layout of cities, Design and maintenance of roadways, Prospects for development of railway stations and junctions
BD	UC	Python programming basics	90	3	2	LO1	The discipline studies the syntax and semantics of the Python language, algorithmizing and program design, program structuring and solving problems related to artificial intelligence, learns machine learning, data processing and intelligent system development methods, and analyzes the use of AI in various fields, forming professional competencies in programming and the basics of artificial intelligence	Engineering Mathematics 1	Information and Communication Technologies, Smart City technologies, Digital Inclusion, Intelligent technologies in the transportation process, Automation of Logistics Processes (RFID, IoT, Sensor Networks)
BD	UC	Professionally oriented foreign language	90	3	6	LO12	Formation and development of professional communicative competence in a foreign language necessary for professional activity, proficiency in a professional foreign language for written and oral information exchange, development of skills in reading professional literature on their specialty in a foreign language, development of the ability to express their thoughts orally and in writing in situations of professional and business communication	Foreign Language	Transport support for international transportation, Automation of Logistics Processes (RFID, IoT, Sensor Networks), Organization and management of high-speed traffic
BD	UC	Educational practice	60	2	3	LO2, LO11 LO12	The organization of educational practice is aimed at providing bachelors with familiarization with the main directions, objects, areas of professional activity and profiles of training and consolidation of theoretical material, as well as conducting study tours in the branch of the department according to this educational program	Organization of transportation and traffic management, Rolling stock and train traction, Construction and operation of motor vehicles, Interaction of Modes of Transport, Passenger Transportation	Organization of cargo and commercial work, Transport logistics
PD	UC	Transport logistics	180	6	6	LO5	The discipline defines the main provisions of the management of Logistics Systems, activities in the field of Transportation, which include the entire range of operations and services for the delivery of products from the manufacturer to the consumer, the design and construction of logistics systems. Students learn to identify unproductive costs and costs	Interaction of Modes of Transport, Educational Practice, Cargo management, Organization of cargo and commercial work,	Transport support for international transportation, Technology and organization of road transportation, Automation of Logistics Processes (RFID, IoT,

								Passenger Transportation	Sensor Networks), Transport and cargo systems
PD	UC	Organization and management of high-speed traffic	180	6	9	LO8	Study of specifics of planning, organization and traffic management on high-speed highways. The article examines the features of traffic safety technology on high-speed highways, infrastructure operation, requirements for rolling stock, as well as economic and social aspects of the development of high-speed transport and its integration into the country's transport system	Passenger Transportation, Professionally oriented foreign language, Passenger complex infrastructure, Smart City technologies, Prospects for development of railway stations and junctions	Industrial (Pre-graduation) Practice 2, Final certification
PD	UC	Passenger complex infrastructure	210	7	4	LO6	The issues of the design, functioning and development of facilities providing passenger services on various types of transport are being studied. Technological processes of railway stations, bus stations, airports, river and sea ports, their layout, security systems, information and service provision are considered. Special attention is paid to the issues of creating an accessible and comfortable environment for all categories of passengers, as well as minimizing the negative impact on the environment during the construction and operation of passenger infrastructure	Passenger Transportation	Organization and management of high-speed traffic, Smart City technologies, Industrial Practice 1, Industrial (Pre-graduation) Practice 2
PD	UC	Cargo management	180	6	4	LO9	Study of cargo properties and conditions of their transportation, cargo transport classification, factors affecting cargo, cargo transport characteristics affecting the organization of transportation, organization of measures to ensure safety during transportation and storage. Mastering the skills of cargo quality assessment and methods of determining the impact of cargo transport characteristics on the organization of transportation. Within the framework of the discipline, interactive teaching methods, the methods of case tasks are used	Interaction of Modes of Transport	Transport logistics, Organization of cargo and commercial work, Organization of cargo transportation under special conditions, Technology and organization of road transportation
PD	UC	Organization of cargo and commercial work	150	5	5	LO9	Study of the basics of organization and management of cargo and commercial work on all types of transport, as well as in the field of the transportation process of a wide range of goods, taking into account optimal technical and technological processes in the transport and logistics chain of delivery of specialized goods. Acquisition of skills in registration of transport documentation, determination of freight charges and terms of cargo delivery. As part of the discipline, field classes are held at transport facilities	Educational Practice, Cargo management	Transport logistics, Transport support for international transportation, Technology and organization of road transportation, Transport and cargo systems, Industrial Practice 1, Industrial (Pre-graduation) Practice 2
PD	UC	Organization of cargo transportation under special conditions	180	6	5	LO9	Study of the specifics of transportation of dangerous, oversized, perishable and other goods requiring special safety measures and transportation conditions. Regulatory and legal regulation, loading and unloading technologies, fastening and escorting, as well as issues of ensuring environmental safety and	Organization of transportation and traffic management, Cargo management	Technology and organization of road transportation, Transport support for international

							sustainable development in the transportation of special cargoes, including route optimization and the choice of environmentally friendly vehicles, are being studied		transportation
PD	UC	Smart City technologies	180	6	5	LO1, LO6	Exploring the use of information and communication technologies to create sustainable and inclusive urban mobility. Intelligent traffic management systems, public transport, smart parking and multimodal transportation platforms are considered, taking into account the principles of accessibility of transport services for all categories of citizens, reducing traffic congestion and emissions, as well as optimizing logistics to increase the efficiency and sustainability of urban mobility	Passenger Transportation, Engineering graphics and computer modeling, Python programming basics, Passenger complex infrastructure	Organization and management of high-speed traffic, Environmentally Sustainable Technologies, Intelligent technologies in the transportation process, Green Economy and Sustainable Entrepreneurship, Digital Inclusion
PD	UC	Production practice 1	150	5	6	LO2 - LO10	The main objectives of industrial practice are: consolidation of theoretical knowledge and practical skills according to the chosen educational program in production conditions, acquisition of organizational work experience, obtaining a working specialty, formation of practical skills and competencies in the process of mastering the bachelor's program.	Organization of cargo and commercial work, Operational management of railway stations and junctions, Organization and management of a motor transport company, Passenger complex infrastructure	Management of operational work of railway sections and directions, Traffic management, Transport security and train traffic control systems, Road conditions and traffic safety
PD	UC	Industrial (Pre-graduation) Practice 2	150	5	9	LO2 - LO10	The purpose of the practice for bachelors is to ensure the relationship between the theoretical knowledge gained during the assimilation of the chosen educational program and practical activities. The objectives of this practice are to consolidate and deepen the theoretical knowledge gained by students in the learning process, to collect information for writing a final qualifying work, to study best practices at the enterprise, as well as to gain experience in independent research, mastering a variety of scientific methods. It is conducted in the practice bases at enterprises according to this educational program.	Occupational Safety and Health, Organization of cargo and commercial work, Operational management of railway stations and junctions, Organization and management of a motor transport company, Passenger complex infrastructure, Management of operational work of railway sections and directions, Traffic management, Transport security	Final certification

								and train traffic control systems, Road conditions and traffic safety	

9. CATALOG OF DISCIPLINES OF THE COMPONENT BY CHOICE

EDUCATIONAL PROGRAM **6B11370 – Organization of transportation**

Education level: Bachelor's degree **Duration of study: 3 years** **Year of admission: 2025**

Cycle	Component	Name of the discipline	Total labor intensity		trimester	Learning outcome	Brief description of the discipline	Prerequisites	Post-requisites
			in academic hours	in academic credits					
1	2	3	4	5	6	7	8	9	10
GED	EC1	Green economy and sustainable entrepreneurship	150	5	6	LO3	The discipline «Green economy and sustainable entrepreneurship» is devoted to the study of environmentally oriented economic models and business strategies aimed at sustainable development. The course examines the concepts of the green economy, ESG (Environmental, Social, Governance) approaches, circular economy, sustainable business models and their impact on global markets	Smart City technologies, Organization and management of a motor transport company	Managerial Economics, Time-management, Minor program 1
GED	EC1	Basics of law and anti-corruption culture	150	5	6	LO4, LO11	The discipline outlines 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 human interests in case of their violation. The discipline forms students' improvement of public and individual legal awareness and legal culture, as well as a system of knowledge and citizenship on combating corruption as an antisocial phenomenon	Sociology, Culturology	Licensing and certification in road transport, Political Science, Final certification
GED	EC1	Fundamentals of financial literacy	150	5	6	LO3	The discipline is aimed at developing the ability to make informed financial decisions, plan income and expenditures, assess risks and effectively manage their resources in a market economy. It studies the basic knowledge in the sphere of finance and rational management of monetary resources, the concepts of financial system, budget, banking products, crediting, savings, investments, insurance, taxation and protection against financial fraud are considered	Organization and management of a motor transport company	Managerial Economics, Time-management, Minor program 1
GED	EC1	Digital inclusion	150	5	6	LO1	The discipline «Digital inclusion» is devoted to the study of the principles of ensuring equal access to digital technologies and information for all social groups, including people with disabilities. The course examines barriers to digital inequality, strategies for overcoming them, technologies for adapting the digital environment, and government initiatives to develop an inclusive digital society	Python programming basics, Information and Communication Technologies, Smart City technologies	Intelligent technologies in the transportation process, Automation of Logistics Processes (RFID, IoT, Sensor Networks), Minor program 3

GED	EC1	Environmentally sustainable technologies	150	5	6	LO2	The discipline «Environmentally sustainable technologies» studies modern methods and innovative solutions aimed at minimizing the negative impact of human activities on the environment. The course examines the principles of sustainable development, energy-saving technologies, renewable energy sources, waste management strategies, and environmentally sound production processes	Smart City technologies	Occupational Safety and Health
BD	EC1	Rolling stock and train traction	180	6	1	LO4	The study of the design, principles of operation, classification and technical characteristics of railway rolling stock, the basics of train traction, the organization of operation and maintenance of rolling stock. Formation of skills for the effective use of technical equipment of rolling stock traction of railway trains, taking into account the amount of work, performance of traction calculations and calculation of indicators of the use of rolling stock. Within the framework of the discipline, the development of individual projects is implemented	Disciplines of the school component	Passenger Transportation, Ensuring traffic safety on transport, Organization of transportation and traffic management, Educational Practice
BD	EC1	Construction and operation of motor vehicles	180	6	1	LO4	Obtaining theoretical knowledge in the field of the design, principles of operation and maintenance of motor vehicles, including the engine, transmission, chassis, braking system and electrical equipment. Special attention is paid to the study of the main vehicle systems, their interaction, diagnostic and troubleshooting methods, as well as the safe operation of vehicles	Disciplines of the school component	Passenger Transportation, Ensuring traffic safety on transport, Organization of transportation and traffic management, Educational Practice
BD	EC2	Railway design and maintenance	180	6	3	LO6	The study of the basic concepts of railways, methods of their design, provisions of the system of track management. Mastering the skills of applying current standards and design methods for the construction of new and reconstruction of existing railway lines, identifying the causes of malfunctions of elements of the upper structure of the track and ways to prevent them, organizing the production of track works using modern track machines. Computer-aided design technologies (CAD, AutoCAD) are used	Engineering Mathematics 1, Engineering Mathematics 2, Engineering graphics and computer modeling	Design and reconstruction of railway stations and junctions, Prospects for development of railway stations and junctions
BD	EC2	Design and maintenance of roadways	180	6	3	LO6	The study of the principles of tracing, methods and features of designing elements of highways taking into account climatic and engineering-geological conditions, principles of construction, maintenance and operation of highways using modern machines and mechanisms, computing software systems. Mastering the skills of performing calculations for construction and reconstruction, determining the corresponding costs. The discipline provides for the development and protection of individual projects	Engineering Mathematics 1, Engineering Mathematics 2, Engineering graphics and computer modeling	Transport layout of cities, Traffic management, Road conditions and traffic safety
BD	EC3	Design and reconstruction of railway stations and junctions	180	6	5	LO6	Study of principles and methods of developing projects for new and modernization of existing railway infrastructure facilities. The issues of development of infrastructure facilities of railway stations and junctions are being considered. Special attention is paid to choosing optimal technical solutions for optimizing technological processes, increasing throughput and processing capacity, improving the efficiency of railway stations and hubs, and ensuring traffic safety, including in the context of the introduction of modern digitalization and process automation systems	Engineering Mathematics 1, Engineering Mathematics 2, Engineering graphics and computer modeling, Railway design and maintenance	Prospects for development of railway stations and junctions, Final certification

BD	EC3	Transport layout of cities	180	6	5	LO6	Study of principles and methods of urban transport infrastructure planning. Familiarization with the basics of urban planning, analysis of traffic flows and forecasting of population mobility. The issues of designing the road network, traffic management, location of transport infrastructure facilities and ensuring accessibility of the urban environment are being studied. Special attention is paid to the sustainable development and safety of the transport system	Engineering Mathematics 1, Engineering Mathematics 2, Engineering graphics and computer modeling, Design and maintenance of roadways	Traffic management, Road conditions and traffic safety
BD	EC4	Transport support for international transportation	180	6	8	LO5	The discipline studies the organization of transport support for international transportation on the basis of technical, technological, legal, organizational and economic elements, defines and solves the problems of optimal and integrated management of flow processes of foreign trade operations to ensure economic security in the context of globalization of logistics processes	Interaction of Modes of Transport, Professionally oriented foreign language, Transport logistics, Organization of cargo and commercial work, Organization of cargo transportation under special conditions, Minor program 1:	Transport and cargo systems, Licensing and certification in road transport
BD	EC4	Technology and organization of road transportation	180	6	8	LO8	Study of the principles of organization of passenger and freight transportation by road. The issues of route planning, choice of rolling stock, registration of transport documentation and ensuring the safety of the transportation process are considered. Attention is paid to logistics processes of transportation organization, fleet management, optimization of transportation costs and application of modern information technologies in the transport industry	Organization of transportation and traffic management, Transport logistics, Cargo management, Organization of cargo and commercial work, Organization of cargo transportation under special conditions, Traffic flow management	Transport and cargo systems, Licensing and certification in road transport
BD	EC5	Transport and cargo systems	180	6	9	LO9	Study of the principles of organization of transport and cargo systems on various types of transport with the use of modern and progressive technologies of cargo processing. Formation of skills for developing optimal schemes for loading and unloading operations and warehouse operations with various cargoes with the rational use of the material and technical base in the logistics chain of cargo delivery, as well as determining the storage conditions of various cargoes. The discipline provides for the execution of computational and graphical work	Interaction of Modes of Transport, Transport logistics, Organization of cargo and commercial work, Transport support for international transportation, Technology and organization of road transportation, Automation of Logistics Processes (RFID, IoT, Sensor Networks)	Final certification

BD	EC5	Licensing and certification in road transport	180	6	9	LO4	Study of the regulatory framework for activities in the field of road transport. Familiarization with the procedures for obtaining licenses for various types of transport services, requirements for certification of vehicles and equipment. The issues of monitoring compliance with licensing requirements, responsibility of carriers and registration of the necessary documentation for the implementation of legitimate transport activities are being considered	Basics of Law and Anti-Corruption Culture, Transport support for international transportation, Technology and organization of road transportation	Final certification
BD	EC6	Managerial Economics	90	3	7	LO3	Formation of the conceptual apparatus and development of skills of economic analysis using modern models and patterns of economic science, consideration of economic problems and challenges facing the head of the firm. The study of this discipline will allow students to obtain and develop knowledge in the field of analytical research of economic, technological and technical parameters of the enterprise, as well as allow you to master the skills of using special methods of economic justification of management decisions and assessment of their consequences	Green Economy and Sustainable Entrepreneurship, Fundamentals of Financial Literacy	Final certification
BD	EC6	Time-management	90	3	7	LO11	The discipline studies a system of methods, tools and approaches that are aimed at effective time management in order to achieve set goals. The course is designed to improve skills in organizing and optimizing the use of working time, increasing productivity, reducing stress, planning, delegation, using tools and technologies, as well as knowing your time and energy rhythms in order to use your time effectively	Green Economy and Sustainable Entrepreneurship, Fundamentals of Financial Literacy	Final certification
PD	EC1	Operational management of railway stations and junctions	180	6	3	LO7	Study of the principles of organization and management of technological processes of railway stations and junctions. The methods of operational management, planning, regulation of train movement and shunting work are considered, taking into account the rational use of technical equipment of stations and nodes, throughput and processing capacity of station infrastructure in conditions of traffic safety and labor protection	Organization of transportation and traffic management	Management of operational work of railway sections and directions, Technical regulation of the organization by rail, Industrial Practice 1, Industrial (Pre-graduation) Practice 2
PD	EC1	Organization and management of a motor transport company	180	6	3	LO7	Studying the principles of creation and effective functioning of automobile transport enterprises. The issues of organizational structure, business planning, personnel management, financial management and marketing in the transport sector are considered. Special attention is paid to processes of organizing the work of the dispatching service, warehousing and fleet management in the context of the introduction of information systems to automate technological processes and improve the efficiency of the enterprise	Organization of transportation and traffic management	Industrial Practice 1, Industrial (Pre-graduation) Practice 2, Green Economy and Sustainable Entrepreneurship, Fundamentals of Financial Literacy, Traffic flow management

PD	EC2	Prospects for the development of railway stations and junctions	180	6	6	LO6	Study of issues of ensuring the modern level of development of railway transport infrastructure in accordance with international standards. Application of innovative methods for calculating the technical equipment of stations, railway sections and junctions to ensure the specified and prospective dimensions of transportation, passage and processing of heavy freight and high-speed trains. Development of projects of stations and nodes according to rational schemes, their complex development taking into account the achievements of modern science, improvement of the technology of their work on the basis of automation and informatization of production processes	Engineering Mathematics 1, Engineering Mathematics 2, Engineering graphics and computer modeling, Railway design and maintenance, Design and reconstruction of railway stations and junctions	Organization and management of high-speed traffic, Intelligent technologies in the transportation process
PD	EC2	Traffic flow management	180	6	6	LO7	The discipline studies methods of analyzing and regulating the movement of vehicles in urban and suburban areas. The issues of modeling traffic flows, forecasting traffic intensity, and organizing traffic using traffic lights and road signs are considered. Special attention is paid to the use of intelligent transport systems to optimize traffic, reduce congestion and improve road safety	Organization and management of a motor transport company	Technology and organization of road transportation
PD	EC3	Management of operational work of railway sections and directions	210	7	7	LO7	Study of the principles and methods of optimal organization of carriage flows on the railway network, organization and control of train traffic on stages and sections of the railway network, development of train schedules, dispatching control in standard and emergency situations, ensuring traffic safety, taking into account the rational use of technical equipment and capacity of sections in the context of the introduction of modern traffic management systems in order to improve efficiency and safety of the transportation process	Operational management of railway stations and junctions, Industrial Practice 1	Technical regulation of the organization by rail, Industrial (Pre-graduation) Practice 2
PD	EC3	Traffic management	210	7	7	LO8	Study of principles and methods of ensuring the safety and efficiency of movement of vehicles and pedestrians. Familiarization with the principles of designing the road network, the use of road signs, markings and traffic lights regulation. Acquiring skills in analyzing the causes of road accidents, developing measures to prevent them and create a comfortable environment for all road users	Organization of transportation and traffic management, Industrial Practice 1, Design and maintenance of roadways, Transport layout of cities	Technical means of traffic management, Education and training of motor transport drivers, Industrial (Pre-graduation) Practice 2
PD	EC4	Technical regulation of the organization of transportation by rail	180	6	8	LO7	Study of the principles of technical regulation, provision of a cargo transportation plan by all divisions of railway transport. Mastering the skills of calculating operational indicators, intensive use of wagons and locomotives, distribution of car fleets by type of rolling stock between roads, depending on the transported goods and maximum use of the carrying capacity and wagon, rational use of the capacity of sections. Withing the framework of the discipline, work at the training complex, role-playing games are provided	Operational management of railway stations and junctions, Management of operational work of railway sections and directions	Final certification
PD	EC4	Technical means of traffic management	180	6	8	LO8	Within the framework of the discipline, classification, device, principles of operation and application of technical means for traffic regulation are studied. Road signs, markings, traffic light installations, fences, guiding devices and information boards are considered. Special attention is paid to	Traffic management, Road conditions and traffic safety	Education and training of motor transport drivers, Final certification

							the standards and requirements for their placement and operation, as well as to the design of integrated traffic management schemes using modern technical means		
PD	EC5	Transport security and train traffic control systems	210	7	7	LO10	Study of terms and definitions in the field of technical operation of transport and traffic safety, regulatory documents regulating the technical operation of transport and traffic safety, standards of technical operation on the device, maintenance and operation of technical means to ensure traffic safety. Acquisition of skills in determining permissible violations of traffic safety. As part of the study of the discipline, guest lectures are given by leading top managers of transport companies, solving and analyzing situational problems	Ensuring traffic safety on transport, Industrial Practice 1	Industrial (Pre-graduation) Practice 2, Final certification
PD	EC5	Road conditions and traffic safety	210	7	7	LO10	The issues of the influence of the parameters of highways and the environment on road safety are being studied. The geometric elements of roads, the condition of the pavement, visibility and lighting conditions, weather conditions and their impact on the occurrence of road accidents are considered. Methods of assessing the state of road conditions and measures to improve safety, including improving road infrastructure and traffic management, are being studied	Ensuring traffic safety on transport, Industrial Practice 1, Design and maintenance of roadways, Transport layout of cities	Technical means of traffic management, Education and training of motor transport drivers, Industrial (Pre-graduation) Practice 2
PD	EC6	Intelligent technologies in the transportation process	90	3	7	LO1, LO8	Studying the principles of using information and communication technologies and artificial intelligence to optimize the transportation process. Familiarization with automated traffic management systems, big data processing and machine learning technologies for forecasting and optimizing traffic flows, as well as digital platforms for interaction between participants in the transportation process in order to improve the efficiency, safety and sustainability of transport systems	Python programming basics, Smart City technologies, Digital Inclusion, Prospects for development of railway stations and junctions	Automation of Logistics Processes (RFID, IoT, Sensor Networks), Minor program 3, Final certification
PD	EC6	Minor program 1	90	3	7	LO8	The first of the three disciplines, which allows you to form additional professional competencies in various subject areas	Green Economy and Sustainable Entrepreneurship, Fundamentals of Financial Literacy	Transport support for international transportation
PD	EC7	Automation of Logistics Processes (RFID, IoT, Sensor Networks)	90	3	8	LO5	Modern automation technologies in transport logistics are studied. Students learn to apply RFID tags, the Internet of Things (IoT), and sensor networks for monitoring and managing cargo flows. Special attention is given to increasing transparency, responsiveness, and efficiency of logistics operations through digital solutions and real-time data integration	Python programming basics, Professionally oriented foreign language, Transport logistics, Digital Inclusion, Intelligent technologies in the transportation process	Transport and cargo systems, Minor program 3, Final certification
PD	EC7	Minor program 2	90	3	8	LO5	The second of the three disciplines, which allows you to form additional professional competencies in various subject areas	Foreign Language	Final certification

PD	EC8	Educational and training of motor transport drivers	90	3	9	LO10	Formation of theoretical knowledge and practical skills necessary for safe and effective management of motor vehicles. Studying the rules of the road, the basics of safe driving, car maintenance, as well as the legal aspects of a driver's professional activity. Special attention is paid to the formation of responsible behavior on the road	Occupational Safety and Health, Technical means of traffic management, Traffic management, Road conditions and traffic safety	Final certification
PD	EC8	Minor program 3	90	3	9	LO10	The third of the three disciplines, which allows you to form additional professional competencies in various subject areas	Digital Inclusion, Intelligent technologies in the transportation process, Automation of Logistics Processes (RFID, IoT, Sensor Networks)	Final certification

10. EXPERT OPINIONS

EXPERT CONCLUSION

On the Educational Program 6B11370 – Organization of Transportation

The educational program «6B11370 - Organization of Transportation» is implemented through a sequence of disciplines, with specific objectives and target indicators clearly defined. A strong interdisciplinary interaction is evident, stemming from the comprehensive connections between the content of individual academic disciplines, which ensures the internal unity of the specialist training program.

The curriculum of the educational program is clearly structured. It includes both compulsory and elective courses, meticulously detailing the workload of each discipline in credits, presenting their logical study sequence, and outlining the types of academic activities and assessment methods. The program's discipline list incorporates modules addressing environmental issues and ensuring safe working conditions within the transport and communication complex, which is highly relevant today.

The educational trajectories are designed to meet the current demands of the transport and communication industry. The catalogs of university and elective modules contain disciplines that will enable you to acquire essential personal and professional competencies, allowing you to perform the labor functions outlined in the transport industry's professional standards. When compiling the university and elective components, the opinions of employer representatives were considered regarding discipline naming, study sequence, and internal content. The program also provides for conducting a portion of practical sessions for specialized disciplines at production facilities (department branches at enterprises).

The educational program's objective is relevant, concisely formulated, and integrates all key learning outcomes. Each discipline clearly defines its goals and content, serving as indicators for achieving the program's learning outcomes. Developed based on professional standards, the educational program guarantees the acquisition of key labor functions, reflected in both competencies and learning outcomes. Strong ties with employers are maintained through guest lectures, presentations by leading top managers, and the presence of department branches at major companies.

Thus, the educational program «6B11370 - Organization of Transportation», submitted for expert review under the «Transport Services» training direction, fully complies with the requirements of the State Educational Standard (GOST). It demonstrates a clear development sequence, meets the modern demands of the labor market and professional standards, and is suitable for training personnel under the 6B11370 - Organization of Transportation educational program within the 6B113 - Transport Services training direction.

Expert
Head of RTMC-2, Branch of «NC «KTZ» JSC – «Almaty Main Network Department» Turgaliyev A.Y.

EXPERT CONCLUSION

On the Educational Program 6B11370 – Organization of Transportation

The implementation of the educational program «6B11370 - Organization of Transportation» is carried out through a sequence of disciplines studied, with specific tasks and target indicators established. A clear interdisciplinary interaction is evident, which lies in the comprehensive connection between the content of individual academic disciplines, through which the internal unity of the specialist training program is achieved.

The curriculum of the educational program defines the list of all academic disciplines for the compulsory and elective components, the workload of each academic discipline in credits, their study sequence, types of academic activities, and forms of control. The study of environmental issues and ensuring safe working conditions at enterprises of the transport and communication complex are particularly relevant.

The educational program offers educational trajectories developed in accordance with the current demands of the transport and communication industry. The catalogs of university and elective modules include disciplines that will help you master the key personal and professional competencies necessary to perform the labor functions enshrined in the professional standards of the transport industry.

The relevant and precisely formulated goal of the program integrates all key learning outcomes. The descriptions of the disciplines reflect their goals and content as indicators of achieving learning outcomes for this educational program. Also, the educational program, developed based on professional standards, reflects the main labor functions in competencies and learning outcomes, and specifies the types of connections with employers: conducting guest lectures, lectures by leading top managers, and the presence of department branches at organizations.

Thus, the educational program «6B11370 - Organization of Transportation» presented for expert review, under the training direction «Transport Services», fully complies with the requirements of the State Educational Standard (GOST), has a clear sequence in its development, meets the modern demands of the labor market and professional standards, and can be implemented for personnel training under the educational program 6B11370 - Organization of Transportation in the training direction 6B113 - Transport Services.

Expert
Director of the Transportation Operations Department,
«Transcom» LLP — Zhumatayev A.Zh.

11. REVIEWER'S CONCLUSION

REVIEW
of the Educational Program
6B11370-Organization of Transportation

The Bachelor's educational program «6B11370-Organization of Transportation» under the training direction 6B113-Transport Services contains the following information: graduate's qualification, form and duration of study, direction and characteristics of graduates' activities, and a complete list of competencies that a graduate should possess as a result of mastering this educational program.

The disciplines of the curriculum for the reviewed educational program form all the necessary general cultural and professional competencies stipulated by the State Compulsory Education Standard (GOSE) for the corresponding types of activities.

The curriculum of the educational program defines a list of all academic disciplines of the compulsory component and the elective component, the workload of each academic discipline in credits, their study sequence, types of academic classes, and forms of control. The Catalog of Elective Disciplines and the Catalog of the Intra-university Component fully reflect the continuity of disciplines, among which the following should be noted: «Management of Operational Work of Stations and Hubs», «Management of Operational Work of Railway Sections and Directions», «Technical Regulation of Transportation Organization in Railway Transport», «Cargo Studies», «Organization of Freight and Commercial Activities», «Organization of Cargo Transportation under Special Conditions» and others.

The sequence of studying disciplines is observed, and disciplines necessary for production and technological processes are included.

The content of the work programs of academic disciplines and internships allows us to conclude that it corresponds to the competency model of the graduate.

The educational program provides for professional and practical training for students in the form of internships. The content of the internship programs indicates their ability to form practical skills in students.

Experienced faculty, leading representatives of employers, and students were involved in the development of the educational program, and their requirements were taken into account when forming the disciplines of the professional cycle.

Conclusion. Overall, the reviewed educational program meets the main requirements of the GOSE, the national qualifications framework, the sectoral qualifications framework, professional standards, the atlas of new professions, and contributes to the formation of general cultural and professional competencies in the 6B113-Transport Services training direction.

Reviewer Candidate of Technical Sciences,
Professor JSC "Academy of Civil Aviation" **Assilbekova I.Zh.**

RAPID TRANSPORT

ROMANIA - RUSSIA - POLAND - KAZAKHSTAN - TURKEY

International Road Transport

REVIEW
of the Educational Program
6B11370-Organization of Transportation

The educational program «6B11370-Organization of Transportation» comprehensively outlines the graduate's qualification, forms and duration of study, and clearly defines the direction and characteristics of future specialists' activities. It is especially valuable that the program provides a complete list of competencies that a graduate should possess. This allows us, as employers, to be confident that young specialists joining us will have the necessary knowledge and skills for successful adaptation and work in the industry.

We have carefully studied the curriculum and can confidently say that the disciplines form all the necessary general cultural and professional competencies, fully complying with the State Compulsory Education Standard (GOSE) and current activities in the transport sector.

We would particularly like to highlight the inclusion of disciplines such as «Transport Logistics», «Intelligent Technologies in the Transportation Process», «Automation of Logistics Processes (RFID, IoT, Sensor Networks)», «Cargo Studies», «Organization of Freight and Commercial Activities», «Transport and Cargo Systems» and «Organization of Cargo Transportation under Special Conditions». These subjects directly reflect the specifics of our work and provide graduates with in-depth knowledge essential for practical activities. The sequence of studying disciplines is also logical, allowing students to gradually master the material, moving from basic knowledge to more specialized topics.

The content of the work programs of academic disciplines and practices fully corresponds to the competency model of the graduate. For us, as employers, it is extremely important that graduates not only possess theoretical knowledge but also know how to apply it in practice. The program provides for professional-practical training in the form of internships, and we see that the content of these programs is aimed at forming the real practical skills necessary for effective work.

It is particularly worth noting that leading representatives of employers were involved in the development of the educational program, which made it possible to take into account the current requirements of the industry and form the disciplines of the professional cycle in such a way that they maximally meet the needs of the labor market. This demonstrates the educational institution's client-oriented approach and its desire to produce truly in-demand specialists.

As a representative of the transport services sector, I express my positive assessment of the Bachelor's educational program «6B11370-Organization of Transportation» under the 6B113-Transport Services training direction. Our company constantly needs highly qualified specialists capable of effectively solving problems in the dynamic and responsible field of logistics and transportation, and this program, in our opinion, copes with this task perfectly.

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Conclusion. Overall, the Bachelor's educational program «6B11370-Organization of Transportation» fully meets our expectations and requirements. It complies with the GOSE, the national qualifications framework, the sectoral qualifications framework, professional standards, and the atlas of new professions, which is critically important for training competitive personnel. We are confident that graduates of this program will possess all the necessary general cultural and professional competencies for successful work in the transport services sector and will become valuable specialists for our company and the entire industry.

Reviewer
General Director of the Kazakhstan office
of Rapid Logistics LLP **Vakhitov R.V.**

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12. RECOMMENDATION LETTERS

RAPID TRANSPORT

ROMANIA - RUSSIA - POLAND - KAZAKHSTAN - TURKEY

International Road Transport

To the President-Rector
ALT University named after M. Tynyshpaev
Ms. Zharmagambetova M.S.

Dear Meruert Sovetovna!

The management of the Kazakhstan office of Rapid Logistics LLP, represented by General Director R.V. Vakhitov, has reviewed the content of the educational program «Organization of Transportation» and proposes the following key changes to enhance the quality of specialist training:

It is proposed to include disciplines in the program aimed at forming competencies in computer and engineering modeling. This will allow future specialists to use modern tools for analyzing and optimizing transport processes.

It is recommended to increase the number of hours allocated for laboratory and practical classes conducted directly at employer facilities to form specific professional competencies. This approach will ensure a deeper formation of professional competencies in demand in a real production environment.

It is important to include disciplines in the curriculum that develop skills in financial distribution and management, as well as the ability to make rational technical-economic and financial decisions. This is critically important for effective management in the field of transportation.

It is necessary to actualize the content of educational programs by including disciplines that reflect modern innovative technologies in the transport and communication sphere into the basic and specialized modules. In particular, it is proposed to consider including courses on «Automation of Logistics Processes» and «Organization of special cargo transportation».

In addition, it is required to update the content of existing disciplines so that they contribute more significantly to: study of information technologies; formation of skills in production organization and labor protection; acquisition of economic and managerial knowledge and skills; application of modern software products in the learning process.

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These measures will enable the university to produce more competitive and in-demand specialists ready for the challenges of the modern labor market in logistics and transportation.

Sincerely,
General Director Kazakhstan office
of Rapid Logistics LLP **Vakhitov R.V.**

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13. PROTOCOLS OF REVIEW AND APPROVAL

АО «ALT Университет имени Мухамеджана Тынышпаева»

ПРОТОКОЛ № 1

Заседания
Академического комитета по образовательной программе «Организация перевозок» кафедры транспортных услуг и бизнеса

г. Алматы «17» февраля 2025 года

Председатель: Вахитова Л.В.
Секретарь: Суйенишова М.Е.

Присутствовали:
Представители академического комитета: К.т.н., ассоциированный профессор кафедры «ТУиБ», руководитель ОП Вахитова Л.В., PhD, ассистент-профессор кафедры «ТУиБ» Бекмагамбетова Л.К., к.т.н., специалист-аналитик отдела диспетчерского управления перевозками ТОО «ТрансКом» Айкумбеков М.Н.
Представители кафедры «ТУиБ»: Заведующий кафедры, к.т.н., ассоциированный профессор Мусалиева Р.Д., д.т.н., ассистент-профессор Мусабаев Б.К., к.т.н., ассистент-профессор Молгаждаров А.С., к.т.н., ассоциированный профессор Битилеуова З.К., к.т.н., ассистент-профессор Абибуллаев С.Ш., сениор-лектор Нуржаубаев М.М., сениор-лектор Олжабаева Р.С., ассистент-преподаватель Суйенишова М.Е.
Представители работодателей и академического сообщества (онлайн): Начальник РЦУП-2 филиала АО «НК «КТЖ» - «Алматинское отделение магистральной сети» Тургалиев А.Е., Директор департамента по перевозочной деятельности ТОО «ТрансКом» Жуматаев А.Ж., Генеральный директор казахстанского офиса ТОО «Rapid Logistics» Вахитов Р.В., к.т.н., профессор АО «Академия гражданской авиации» Асильбекова И.Ж.
Обучающиеся: обучающийся по ОП 6В11326 – ОПДЭТ Кошербаева С.,

ПОВЕСТКА ДНЯ:

1. О разработке и внесении в Реестр образовательных программ РК новой образовательной программы «6В113___ Организация перевозок». Рассмотрение компетентностной модели выпускника
2. О разработке рабочего учебного плана и каталога элективных дисциплины новой образовательной программы «6В113___ Организация перевозок».

По первому вопросу

ВЫСТУПИЛА:
К.т.н., ассоциированный профессор кафедры транспортных услуг и бизнеса, руководитель ОП «6В113__ - Организация перевозок» Вахитова Л.В., которая предложила членам академического комитета обсудить вопросы разработки новой образовательной программы ОП «6В113__ - Организация перевозок», рассмотреть компетентностную модель выпускника ОП, траекторию обучения, РУП, КВК и КЭД. Представила на рассмотрение членам академического комитета проект образовательной программы «6В113__ - Организация перевозок».
Компетентностная модель выпускника включает в себя следующие части:
- Цель и задачи образовательной программы;
- Результаты обучения;
- Область, объекты, виды и функции профессиональной деятельности;
- Перечень должностей по образовательной программе;
- Профессиональные сертификаты, полученные по окончании обучения;
- Требования к предшествующему уровню образования.

ВЫСТУПИЛ:

К.т.н., ассистент-профессор кафедры транспортных услуг и бизнеса Абибуллаев С.Ш., который предложил в рамках новой ОП «6В113__ - Организация перевозок» реализовать две траектории обучения: первая – организация перевозок и движения на железнодорожном транспорте; вторая – организация перевозок и движения на автомобильном транспорте. В каталог вузовского компонента (КВК) внести общетранспортные дисциплины, а в каталог компонента по выбору (КЭД) – профильные дисциплины по видам транспорта. Например, в КВК внести дисциплины «Взаимодействие видов транспорта», «Организация перевозок и управление движение», «Пассажирские перевозки», «Транспортная логистика» и др., в КЭД внести профильные дисциплины для железнодорожного и автомобильного транспорта.

ВЫСТУПИЛ:

К.т.н., ассистент-профессор кафедры транспортных услуг и бизнеса Молгаждаров А.С., который отметил, что при разработке компетентностной модели, РУП требуется проанализировать и учесть новые профессиональные стандарты, а также Атлас новых профессий РК.

ВЫСТУПИЛ:

К.т.н., специалист-аналитик отдела диспетчерского управления перевозками ТОО «ТрансКом» Айкумбеков М.Н., который поддержал предложения Абибуллаева С.Ш., Молгаждарова А.С. и также предложил при разработке РУП максимально возможно выделить академические часы на производственную практику, при разработке рабочих учебных программ дисциплины учесть проведение выездных занятий на производстве и проведение гостевых лекций ведущими специалистами транспортно-логистической отрасли.

ВЫСТУПИЛА:

К.т.н., ассоциированный профессор кафедры транспортных услуг и бизнеса, руководитель ОП «6В113__ - Организация перевозок» Вахитова Л.В., которая отметила, что необходимо назначить экспетов и рецензентов ОП, а также поступило рекомендательное письмо от руководства казахстанского офиса ТОО «Rapid Logistics» в лице генерального директора Вахитова Р.В., которые проанализировали проект ОП и дали предложения включить в программу дисциплины, направленные на формирование навыков компьютерного и инженерного моделирования, что позволит будущим специалистам использовать современные инструменты для анализа и оптимизации транспортных процессов, а также учесть в учебном плане дисциплины, развивающие навыки распределения и управления финансами, развивающие способности к принятию рациональных технико-экономических и финансовых решений.

Также предложила в качестве экспертов и рецензентов определить следующие кандидатуры:

Эксперты:

- Тургалиев А.Е. – Начальник РЦУП-2 филиала АО «НК «КТЖ» - «Алматинское отделение магистральной сети»;
- Жуматаев А.Ж. – Директор департамента по перевозочной деятельности ТОО «ТрансКом».

Рецензенты:

- Вахитов Р.В. – Генеральный директор казахстанского офиса ТОО «Rapid Logistics»;
- Асильбекова И.Ж. – к.т.н., профессор АО «Академия гражданской авиации».

Внесено предложение. Утвердить образовательную программу «6В113__ - Организация перевозок» (компетентностную модель, УП, описание дисциплин) с учетом внесенных предложений и рекомендаций со стороны членов академического комитета, представителей кафедры и представителей сообщества работодателей.

ПОСТАНОВИЛИ:

1. Утвердить предложенную образовательную программу «6В113__ - Организация перевозок» (компетентностную модель, УП, описание дисциплин) с учетом внесенных

предложений и рекомендаций со стороны членов академического комитета, представителей кафедры и представителей сообщества работодателей.

2. Назначить в качестве экспертов и рецензентов определить следующие кандидатуры:

Эксперты:

- Тургалиев А.Е. – Начальник РЦУП-2 филиала АО «НК «КТЖ» - «Алматинское отделение магистральной сети»;
- Жуматаев А.Ж. – Директор департамента по перевозочной деятельности ТОО «ТрансКом».

Рецензенты:

- Вахитов Р.В. – Генеральный директор казахстанского офиса ТОО «Rapid Logistics»;
- Асильбекова И.Ж. – к.т.н., профессор АО «Академия гражданской авиации».

3. Представить проект новой образовательной программы бакалавриата «6В113___ Организация перевозок» на рассмотрение КОК УМБ института логистики и бизнеса.

4. Обеспечить внесение в Реестр образовательных программ РК (ЕПВО) новую образовательную программу «6В113__ - Организация перевозок».

По второму вопросу

ВЫСТУПИЛА:

К.т.н., ассоциированный профессор кафедры транспортных услуг и бизнеса, руководитель ОП «6В113__ - Организация перевозок» Вахитова Л.В., которая представила на рассмотрение проект рабочего учебного плана и каталога элективных дисциплины новой образовательной программы «6В113___ Организация перевозок» и предложила утвердить с учетом внесенных предложений и рекомендаций со стороны членов академического комитета, представителей кафедры и представителей сообщества работодателей.

ВЫСТУПИЛ:

К.т.н., специалист-аналитик отдела диспетчерского управления перевозками ТОО «ТрансКом» Айкумбеков М.Н., который поддержал предложение об утверждении рабочего учебного плана и каталога элективных дисциплины новой образовательной программы «6В113___ Организация перевозок» с учетом внесенных предложений и рекомендаций со стороны членов академического комитета, представителей кафедры и представителей сообщества работодателей.

Внесено предложение. Утвердить рабочий учебный план и каталог элективных дисциплины новой образовательной программы «6В113___ Организация перевозок» с учетом внесенных предложений и рекомендаций со стороны членов академического комитета, представителей кафедры и представителей сообщества работодателей.

ПОСТАНОВИЛИ:

1. Утвердить рабочий учебный план и каталог элективных дисциплины новой образовательной программы бакалавриата «6В113___ Организация перевозок» с учетом внесенных предложений и рекомендаций со стороны членов академического комитета, представителей кафедры и представителей сообщества работодателей.

2. Представить рабочий учебный план и каталог элективных дисциплины новой образовательной программы бакалавриата «6В113___ Организация перевозок» на рассмотрение КОК УМБ института логистики и бизнеса.

Председатель **Вахитова Л.В.**

Секретарь **Суйеншова М.Е.**

АО «ALT Университет имени Мухамеджана Тынышпаева»

ПРОТОКОЛ № 7

Выписка из протокола № 7
заседания КОК УМБ института логистики и бизнеса

г. Алматы «20» февраля 2025 года

Председатель: Мусаева Г.С.
Секретарь: Урсарова А.К.
Присутствовали: Мусаева Г.С. – председатель, директор института «ЛиБ» ассистент-профессор АЛТ; Бадамбаева С.Е – зам. председателя, зам. директора института «ЛиБ»., Елешева Ж.Б. - секретарь, ассистент-преподаватель кафедры «ТУиБ», зав. кафедрой «ТУиБ», ассоц. профессор Битилеуова З.К., зав.кафедрой «ТУиБ», ассоц. профессор Мусалиева Р.Д., ассистент-профессор «ТУиБ», ассистент-профессор Абибуллаев С.Ш., ассистент-профессор кафедры «ТУиБ» Сугурова А.Ж., ассоц. профессор кафедры «ТУиБ» Вахитова Л.В., ассоц. профессор кафедры «ТУиБ» Мусабаев Б.К., ассоц. профессор АЛТ кафедры «ТУиБ» Молгаждаров А.С.; сениор-лектор кафедры «ТУиБ» Урсарова А.К., сениор-лектор кафедры «ТУиБ» Нуржаубаев М.М., сениор-лектор «ТУиБ» Олжабаева Р.С.
Представители с производства: Начальник РЦУП-2 филиала АО «НК «КТЖ» - «Алматинское отделение магистральной сети» Тургалиев А.Е., Директор департамента по перевозочной деятельности ТОО «ТрансКом» Жуматаев А.Ж., Генеральный директор казахстанского офиса ТОО «Rapid Logistics» Вахитов Р.В., к.т.н., профессор АО «Академия гражданской авиации» Асильбекова И.Ж.
Обучающиеся: обучающийся по ОП 6В11326 – ОПДЭТ Кошербаева С.,

ПОВЕСТКА ДНЯ:

1. Рассмотрение новой образовательной программы «6В113___ Организация перевозок».
2. Рассмотрение Каталога элективных дисциплин (КЭД), Рабочей учебной программы (РУП), паспорта новой образовательной программы бакалавриата «6В113___ Организация перевозок».

ВЫСТУПИЛ(а): зав. кафедрой «ТУиБ» Мусалиева Р.Д. представил на рассмотрение новую образовательную программу бакалавриата «6В113___ Организация перевозок» КЭД, РУП.
На кафедре «ТУиБ» было проведено заседание академического комитета с привлечением представителей работодателей, академического сообщества и обучающихся по обсуждению структуры и содержанию новой образовательной программы бакалавриата «6В113___ Организация перевозок». Представителями работодателей и обучающимися были предложены ряд новых актуальных дисциплин, которые кафедра одобрила и включила в новые КЭД и РУП.

ПОСТАНОВИЛИ:
1. Информацию принять к сведению;
2. Учесть все предложения и рекомендации работодателей, представителей студенческого актива;
3. Представить проект новой образовательной программы бакалавриата «6В113___ Организация перевозок», КЭД, РУП для рассмотрения и утверждения на Совете института, УС ALT Университета.

Председатель КОК УМБ **Мусаева Г.С.**

Секретарь **Урсарова А.К.**

14. APPROVAL SHEET

№	Full name	Place of work/study	Position	Date of approval	Signature
1	[illegible]	ALT, TSB	Head of Dep	12.02.25	[signature]
2	Ahmetova P.T.	ALT, LE	Head of Dep	12.02.25	[signature]
3	[illegible]	ALT, ЗНД	Head of Dep	12.02.25	[signature]
4	Смаилова Ф.И.	ALT	Head of LE department	12.02.25	[signature]
5	[illegible] Т.О.	ALT	Head of Department	12.02.25	[signature]
6	[illegible] Д.Т.	ALT	Head of Dep	12.02.25	[signature]

15. CHANGE REGISTRATION SHEET

Publication number	Date of introduction	Changes	Signature
1	2	3	4