Joint stock company
«Mukhamedjan Tynyshpayev ALT University»

APPROVED
by the decision of the
ALT Academic Council from
«30»__05__ 2025y. (Protocol No. 10)
Chairman of the Board – Rector
M.S. Zharmagambetova

EDUCATIONAL PROGRAM

Name: 6B11371 - MODERN LOGISTICS MANAGEMENT

Level of training: undergraduate

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

Code and group of educational programs: B095 - Transport services

Ddate of registration in the register: 25.08.2025

Rregistration number: 6B11300094

Almaty, 2025

CONTENT

1. Information about the review, approval and approval of the program, developers, experts and reviewers

DEVELOPED:

Associate Professor, PhD ALT University — Mussaliyeva R.D.

Professor, Doctor of Technical Sciences, ALT University — Karsybaev E.E.

Senior Lecturer ALT University — Olzhabaeva R.S.

Secretary General of CILT Central Asia " — Mukhaev E.O.

ALT University named after Mukhamedzhan Tynyshpayev JSC, studying OP 6B11368 – International logistics — Orazgali Yerasyl

EXPERTS:

Director of the branch of JSC "KTZ Express" - "KTZE South" — Makhtaev T. B.

Director of the international transport and logistics company "Asstra Almaty" LLP — Akhmetova R.K.

THE REVIEWER:
General Director
Transport and Logistics Company
LLP "MS Logistics" — Kabyshyeva K.M.

RECOMMENDED:

Meeting of the AC Department of Transport Services and Business
Protocol № 1, «28» 04 2025 y. — Mussaliyeva R.D.

Meeting of the UMB Institute of Logistics and Business
Protocol № 9, «05» 05 2025 y. — Musaeva G.S.

Meeting of the EMC of
M. Tynyshpayev ALT University
№ 5, «06» 05 2025 y. — *Kodzhabergenova* A.K.

APPROVED by the decision of the Academic Council of «30» 05 2025, № 10

INTRODUCED *for the first time*

2. REGULATORY REFERENCES

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

1. Law of the Republic of Kazakhstan "On Education" dated July 27, 2007 No. 319-III (as amended and supplemented as of March 27, 2023).
2. National qualifications framework approved by the protocol of March 16, 2016 by the Republican tripartite commission on social partnership and regulation of social and labor relations.
3. Sectoral Qualifications Framework for the “Education” sphere, approved by the Protocol of the meeting of the sectoral commission of the Ministry of Education and Science of the Republic of Kazakhstan on social partnership and regulation of social and labor relations in the field of education and science dated November 27, 2019 No. 3.
4. State obligatory standard of higher education (Order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated February 20, 2023 No. 66).
5. Qualification directory of positions of managers, specialists and other employees, approved by order of the Minister of Labor and Social Protection of the Population of the Republic of Kazakhstan dated August 12, 2022 No. 309.
6. Rules for organizing the educational process on credit technology of education in organizations of higher and (or) postgraduate education, approved by Order of the Minister of the Ministry of Education and Science of the Republic of Kazakhstan No. 152 dated April 20, 2011 (with additions and changes dated April 04, 2023 No. 145).
7. The classifier of areas for training personnel with higher and postgraduate education, approved by order of the Minister of Education and Science of the Republic of Kazakhstan dated October 13, 2018 No. 569 (as amended and supplemented as of June 05, 2020).
8. The algorithm for including and excluding educational programs in the Register of educational programs of higher and postgraduate education, approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated December 4, 2018 No. 665 (with additions and changes as of December 23, 2020 No. 536).
9. RI-ALT-33 "Regulations on the procedure for developing an educational program for higher and postgraduate education."
10. Professional standard: "Production logistics", NCE RK "Atameken", approved by order No. 256 dated 12/20/2019.
11. Atlas of new professions:Guidelines for the development of the Atlas of new professions and competencies in demand in the labor market, and the use of its results. Approved by order of the Minister of Labor and Social Protection of the Population of the Republic of Kazakhstan dated March 13, 2020 No. 90

3. PASSPORT OF THE EDUCATIONAL PROGRAM

No.	Field name	Note
1	Registration number	6B11300094
2	Code and classification of the field of education	6B11 - Services
3	Code and classification of areas of study	6B113 - Transport services
4	Code and group of educational programs	B095- Transport services
5	Name of the educational program	6B11371 Modern Logistics Management
6	OP type	New program
7	Purpose of the OP	Training highly qualified specialists in logistics and transport services, possessing knowledge and skills for effective management of transport and logistics processes at the international level, taking into account digitalization and sustainable development, in line with the requirements of the global transport market and international standards.
8	ISCED level	6
9	NQF level	6
10	ORC level	6
eleven	Distinctive Features of the Program	Double-degree program
	Type of Partner HEI	Foreign HEI
	Partner HEI	Urumqi Vocational University (UVU)
12	Study form	full-time
13	Language of instruction	Kazakh, Russian, English, Chinese
14	Volume of loans	240
15	Awarded Academic Degree	Bachelor in Services in the educational program 6B11371 Modern Logistics Management
16	Availability of an application to the license for the direction of personnel training	№ KZ87LAA00036465
17	Availability of EP accreditation	
	Name of the accreditation body	
	Validity of accreditation	

4. THE GRADUATE'S COMPETENCE MODEL

1. To contribute to the development of the graduate's ability to:

1. Become a professional capable of continuous self-improvement and career growth, possessing broad socio-humanitarian, natural science, specialized and profile knowledge, and prepared to work in the intercultural Kazakhstan –Chinese environment of modern logistics.

2. Critically reassess accumulated experience, flexibly adapt and, if necessary, change the profile of professional activity; understand the social and economic significance of the logistics profession and demonstrate strong motivation for development in the international logistics field.

3. Identify and formulate relevant scientific and applied problems of logistics system research at micro- and macroeconomic levels using modern digital technologies, analytical platforms and methods applied in Kazakhstan and China.

4. Search for, analyze and use information necessary for the effective performance of professional tasks, including working with intercultural and multilingual data sources, ensuring professional and personal growth.

5. Apply modern models, methods and tools of logistics management to solve strategic, operational and managerial tasks in supply chains, including international and cross-border chains between Kazakhstan and China.

6. Justify innovative and investment projects in logistics systems, possessing knowledge of scientific, methodological and economic analysis used in Kazakhstan and Chinese logistics infrastructure organizations.

7. Develop creative, systemic and strategic thinking for solving tasks in designing, constructing, digitalizing and managing logistics infrastructure facilities at the macroeconomic level, including participation in international transport corridors and initiatives (such as Belt and Road Initiative).

2. To contribute to the development of the graduate's readiness to:

1. Solve professional tasks arising in the creation, optimization and improvement of material, financial and information flows from supplier to consumer, including within international logistics networks.

2. Organize logistics processes in enterprises, analyze and optimize them, make sound managerial decisions for effective functioning and rational support of logistics systems in conditions of digitalization and international cooperation.

3. Design and coordinate logistics chains and schemes ensuring the efficient movement of material flows, including multimodal and cross-border logistics routes between Kazakhstan and China.

4. Ensure effective logistics activities of organizations, contribute to improving service quality, increasing competitiveness, and solving socio-economic tasks at national and international levels.

Learning outcomes:

LO1 - Analyze the influence of general education and humanities disciplines on decision-making in logistics in an international environment, considering legal, economic, cultural, and ethical aspects of global supply chain management.

LO2 - Evaluate the specifics of business communication and intercultural interaction in international logistics, using professional terminology and foreign language communication skills.

LO3 - Develop logistics solutions considering environmental, social, and economic factors based on the principles of sustainable logistics development.

LO4 - Justify measures to ensure accessibility of digital logistics services considering the

needs of low-mobility groups and regions with limited digital infrastructure.

LO5 - Apply modern information technologies, including ERP, WMS, TMS, and artificial intelligence, to automate logistics processes, optimize operations, and enhance supply chain management efficiency.

LO6 - Model global supply chains by identifying key risks and optimization points for logistics chains at macro and micro levels, taking into account global instability, geopolitics, and logistics hubs.

LO7 - Develop economically sound logistics solutions by evaluating the costs and benefits of various logistics schemes using ABC, XYZ, TCO and other methods to analyze logistics efficiency.

LO8 - Assess the compliance of logistics processes with national and international standards, taking into account ISO standards, Incoterms, customs legislation and other requirements.

LO9 - Solve logistics problems using intelligent IT systems and the evaluation of digital and inclusive technologies for responsible and ethical management of logistics processes aimed at optimizing multimodal transportation.

LO10 - Develop business plans in logistics, taking into account the design of logistics startups, the basics of scientific research, time management and business communications, as well as using managerial economics and principles of cargo transportation in supply chains to effectively manage logistics projects.

LO11 - Manage warehouse operations with accounting and the use of specialized software and equipment for the efficient organization of warehousing and distribution processes.

LO12 - To manage transport logistics using transport IT systems for planning and controlling logistics operations in the field of transport business, while ensuring compliance with occupational health and safety as well as life safety requirements

Field of professional activity: professional, analytical, and logistical activities related to the organization, planning, regulation, control, and management of material flows in international commodity circulation, and the formation of effective supply chains.

Objects of Professional Activity

- processes of organizing and managing logistics services in Kazakhstani enterprises and international transport and logistics companies;
- material and related information flows, logistics chains and systems, multimodal routes (road, rail, air, sea, and the Trans-Caspian International Transport Route);
-accounting, reporting, customs and transport documentation used in Kazakhstan and international practice;
- production and project teams within logistics units of enterprises.

Types of Professional Activity

- organizational and managerial activities in logistics;
- production and technological activities in transport and warehouse infrastructure;
- design of logistics solutions and digital systems;
- organization of transport-logistics activities (by transport modes) within international and transit transportation through Kazakhstan.

Professional Functions

- planning, organizing and managing logistics processes of enterprises and transport hubs;
- marketing, management and development of logistics services, including export-import and transit operations (SREB, Silk Road);
- design of logistics systems, warehouse complexes and distribution centers;
- logistics service management, customer service, KPI implementation;
- supply chain management (SCM) in international and regional markets;

- conducting foreign economic activities and managing foreign trade contracts in accordance with Kazakh legislation;
- optimization of logistics routes and costs;
- selection of logistics partners and operators (KTZ, KAZLOGISTICS, QDAP, Chinese operators, etc.);
- organization of customs clearance, warehousing and cargo handling at Kazakhstan's logistics hubs;
- management of freight forwarding activities; cooperation with terminals, ports (Aktau, Kuryk), banks, insurance, brokerage and stevedoring companies.

List of Specialist Positions

- international logistics specialist;
- logistics manager;
- supply chain coordinator/integrator;
- digital and end-to-end logistics specialist;
- multimodal transportation specialist (rail, road, air, sea);
- transport logistics and transit flow management specialist;
- customs clearance and foreign trade specialist;
- logistics systems and business process analyst;
- operations manager in logistics.

Professional Certificates

- CILT, FIATA certificates (valid in EAEU and China);
- Lean Logistics, SCM certificates;
- certificates in digital logistics and transport analytics;
- certificates in multimodal transportation and foreign trade (KazLogistics, QazTrade).

Prior Education Requirements: Secondary, technical and vocational, post-secondary, or higher education.

Academic Practice: Purpose: to develop initial professional skills and familiarize students with Kazakhstani and international logistics.

Students study:

- enterprise structure, management system and legal regulation of the RK;
- organization of logistics processes and industry standards;
- Kazakhstan's role in international logistics and transit;
- types of logistics and their use in global supply chains;
- basics of foreign trade and cooperation with China.

Industrial Practice 1: Purpose: to consolidate theoretical knowledge and acquire initial practical skills in real logistics processes of Kazakhstan and China, including land-border and multimodal transportation through Xinjiang (XUAR).

Students:

1. Get acquainted with logistics enterprises of Kazakhstan and China (Urumqi, Khorgos, Alashankou).
2. Study practices of Chinese logistics operators (SF Express, JD Logistics, Cainiao).
3. Explore warehouse robotics, digital logistics platforms and online marketplaces in China.
4. Develop skills working with international transport documents (CMR, CIM/SMGS).
5. Learn basic methods for analyzing China – Central Asia – Europe routes.
6. Understand cargo handling, transshipment, cross-docking at Urumqi logistics hubs.

Expected outcomes: Students understand the structure of Chinese logistics, cross-border operations, and can apply integrated Kazakhstan–China logistics solutions.

Reporting:

- practice diary;
- report with route analysis RK–China;
- presentation.

Industrial Practice 2 (Pre-Diploma Practice): Purpose: to collect and analyze materials required for the final thesis on international or transit logistics within China–Kazakhstan–Central Asia/Europe corridors.

Students:

1. Collect data on the logistics activities of a selected enterprise (China or Kazakhstan).
2. Study real transport schemes:
   - China – Kazakhstan – Europe (CR Express),
   - China – Kazakhstan – Caspian – Türkiye (Trans-Caspian Route),
   - China – Central Asia.
3. Analyze logistics operations (transshipment, warehousing, customs procedures).
4. Evaluate efficiency of logistics technologies (automation, big data, digital platforms).
5. Develop practical proposals for logistics process optimization.

Expected outcomes: Students gather an analytical base for the thesis and formulate recommendations for improving international logistics chains.

Reporting:

- analytical report;
- enterprise-verified data;
- practice diary.

Final Attestation: Comprehensive exam + Final Thesis (project).

Purpose: to assess the graduate's ability to analyze and develop solutions in modern international logistics considering Kazakhstan–China specifics and cross-border transport corridors.

Thesis Requirements:

- logistics problem analysis;
- international component (Kazakhstan–China);
- calculations, models or project solutions;
- supply chain optimization proposals;
- economic efficiency evaluation.

Includes: presentation, defence, answers to the committee.

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	LO 12
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	The history of Kazakhstan	5	+											
2.	Philosophy	5	+											
3.	Foreign language	10		+										
4.	Kazakh (Russian) language	10		+										
5.	Sociology	8	+											
6.	Cultural studies	8	+											
7.	Political Science	8	+											
8.	Psychology	8	+											
9.	Physical Culture	8	+											
10.	Information and communication technologies	5				+								+
11.	Environmentally sustainable technologies	5	+		+									
12.	Green economy and sustainable entrepreneurship	5	+		+									
13.	Fundamentals of financial literacy	5	+		+									
14.	Digital inclusion	5	+								+			
15.	Fundamentals of law and anti-corruption culture	5	+								+			
16.	Basics of research	5										+		
17.	Business Mathematics 1	5									+			
18.	Business Mathematics 2	4									+			
19.	Occupational safety and health	5												+
20.	Basics of logistics	6			+									
21.	Interaction of modes of transport	6			+									+
22.	Transportation management on transport	7			+									+
23.	Engineering graphics and computer modeling	6						+			+			
24.	Chinese language	9		+						+				
25.	Professional Chinese language	9		+						+				
26.	Basics of Python Programming	3					+							
27.	Laws and Regulations of	4			+					+				

	Logistic													
28.	Operations Research	4												+
29.	Principles and Applications of Economics	2			+							+		
30.	Fundamentals of Accounting	3							+			+		
31.	Fundamentals of Chinese Business and Trade Culture	2		+										
32.	Educational practice	2	+	+	+									
33.	Smart Warehouse and Distribution Management	3							+				+	
34.	Logistics and Transportation Management	4										+		+
35.	International Freight Transportation	4					+	+						
36.	State regulation of the economy	3	+							+				
37.	Legal basis of business		+							+				
38.	Customs statistics and procedures	3				+				+				
39.	Transport law					+				+				
40.	Cost and Logistics Efficiency Management	3							+					
41.	Controlling in logistics								+					
42.	Theory and Practice of Cross-Border E-Commerce	2				+		+						
43.	Instruments for regulating global trade					+		+						
44.	Managerial Economics	3			+				+					
45.	Time -management				+							+		
46.	Transport logistics	5					+							+
47.	Procurement and Supply Chain Management	3							+					
48.	Logistics Systems Planning and Design	3									+	+		
49.	Smart Logistics Facilities and Equipment	4				+							+	
50.	Logistics Project Operations	4				+						+		
51.	Intelligent Logistics Data Analysis and Application	3					+				+			
52.	Digital Logistics Management	2					+						+	
53.	International Trade Practice	2						+		+				
54.	Industrial practice 1	5	+	+	+	+	+	+	+	+	+	+	+	+

55.	Production (pre-graduate Practice 2)	5	+	+	+	+	+	+	+	+	+	+	+	+
56.	On-the-job Internship	13	+	+	+	+	+	+	+	+	+	+	+	+
57.	Container and Multimodal Transportation	3								+	+			
58.	Container transportation and technologies									+	+			
59.	Cold Chain Logistics of Agricultural Products	3											+	+
60.	Logistics of specialized transportation												+	+
61.	Organization and Operation of China-Europe Trains	3						+		+				+
62.	Transport support for international transportation							+		+				+
63.	International Logistics Practice of Customs Clearance	3						+		+				
64.	International customs law							+		+				
65.	Social Surveys and Research. Volunteering	2	+											+
66.	Production Work Program or "Work study"	2			+									+
67.	Competitions and Projects in Innovation and Entrepreneurship	2										+		
68.	Serving the community	1	+											
69.	Business communications		+											
70.	FINAL CERTIFICATION	8	+	+	+	+	+	+	+	+	+	+	+	+

6. TURE OF THE BACHELOR EDUCATIONAL PROGRAM

No.	Name of cycles and disciplines	General labor intensity	
		in academic hours	in academic credits
1	2	3	4
1	**Cycle of general education disciplines (OOD)**	**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 (in English)	150	5
	Module of socio-political knowledge (sociology, political science, cultural studies, psychology)	240	8
	Physical Culture	240	8
2)	**University component and (or) elective component**	**150**	**5**
2	Cycle of basic and major disciplines (DB, PD)	5310	177
1)	**University component and (or) elective component**	1740	58
2)	**professional practice**	210	15
3	Additional types of training (VET)	120	4
1)	**Selectable Component**		
4	final examination	240	8
	Total	**7230**	**240**

7. WORKING CURRICULUM FOR THE ENTIRE PERIOD OF STUDY

8. CATALOG OF DISCIPLINES OF THE UNIVERSITY COMPONENT

EDUCATIONAL PROGRAM **6B11371 Modern Logistics Management**

Double-degree program Urumqi Vocational University (UVU)

Education level: Bachelor's degree **Duration of study: 4 years** **Year of admission: 2025**

Module	Cycle	Component	Name of discipline	Total labor intensity		Semester	Learning outcomes	Brief description of the discipline	Prerequisites	Post-requirements	Department
				in academic hours	in academic credits						
	2	3	4	5	6	7	8	9	10	11	12
Module of natural science competencies	BD	UC	Business mathematics 1	150	5	1	LO9	The discipline studies the basic concepts and laws of modern mathematics, which are necessary tools for solving specific applied business problems. The discipline aims to develop students' independent research skills and the ability to use learned mathematical methods for data analysis, process optimization and decision-making. The content of the discipline includes elements of linear algebra and analytical geometry, differential and integral calculus, probability theory and mathematical statistics. For each section of the course, special attention is paid to problems of an applied nature.уделено задачам прикладного характера.	Basic school education	Business mathematics 1, Principles and Applications of Economics	GE

The module of natural science competencies	BD	UC	Business mathematics 2	120	4	2	LO9	The discipline “Business Mathematics2” studies the fundamentals of probability theory and mathematical statistics, elements of linear programming and queuing theory. The purpose of studying the discipline is to teach students the basics of probability theory and mathematical statistics, the theory of queuing used in solving theoretical and practical problems in the field of economics, finance and business, developing skills in the use of mathematics - an important tool for economic analysis, organization and management, development among students logical and analytical thinking.	Business mathematics 1	Fundamentals of financial literacy, Cost management and logistics efficiency	ОИ
Professional module	BD	UC	Basics of logistics	180	6	2	LO3	The discipline studies the conceptual framework of logistics, functional areas, concepts, principles of optimization, prerequisites for the emergence and development of logistics systems to solve optimization problems in managing flows in a logistics system, an idea of logistics operations, processes and technologies of cargo delivery	Interaction of modes of transport	Transportation Logistics, Digital Logistics Management, Smart Warehousing and Distribution Management	TSB
	BD	UC	Interaction of modes of transport	180	6	1	LO3, LO12	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	Basic school education	Fundamentals of logistics, Transport logistics, First-time transportation management	TSB

Professional module	BD	UC	Transportation management on transport	210	7	2	LO3, LO12	The study of the principles of organization of transportation and management of the transportation process on various types of transport, the regulatory framework in the field of organization of transportation on transport. Formation of skills for the effective use of material and technical values and rolling stock, solving issues of technical means of transport, studying cargo and passenger flows, solving problems of the transportation process using information technology. When studying the discipline, interactive methods, solving case tasks, solving practical problems are used.	Interaction of modes of transport	Logistics and transportation management, Container transportation and multimodal transportation	TSB
	BD	UC	Chinese language 1	60	2	1	LO2, LO8	Formation of elementary foreign language communicative competence, the ability to communicate with native speakers of the studied foreign (Chinese) language in oral and written speech, expanding the linguistic horizons of students by mastering new language tools (phonetic, spelling, lexical, grammatical); formation of skills to work with information presented in texts of various types (description, narration, reasoning).	Disciplines of the school component	Chinese 2,3, 4 Chinese Language Professional 1,2,3,4	LT
	BD	UC	Chinese language 2	60	2	2	LO2, LO8	Formation of learners' knowledge and skills to apply lexical and grammatical phenomena of the studied language in communicative and professional activities; development of the ability to express communicative intentions through verbal and non-verbal means in a specific sociocultural context, conveying meaning appropriately to a representative of another culture in accordance with the norms of speech behavior and the rules of constructing utterances.	Chinese language 1	Chinese language 3, 4 Chinese Language Professional 1,2,3,4	LT

Professional module	BD	UC	Chinese language 3	60	2	3	LO2, LO8	Development and improvement of phonetic, lexical, grammatical, and word-formation skills; acquisition by learners of the necessary and sufficient level of communicative competence to solve social and communicative tasks in various areas — everyday life, culture, and professional activity — when interacting with international partners, as well as for further self-education.	Chinese language 2	Chinese language 4, Chinese Language Professional 1,2,3, 4	LT
	BD	UC	Chinese language 4	90	3	4	LO2, LO8	The discipline "Chinese Language" is aimed at developing students" basic and advanced communicative competence, including proficiency in phonetic, lexical, grammatical, and word-formation aspects of the language. It also focuses on enhancing oral and written communication skills for effective intercultural and professional interaction in various sociocultural contexts.	Chinese language 3	Chinese Language Professional 1,2,3,4	LT
	BD	UC	Professional chinese language 1	90	3	5	LO2, LO8	Formation of learners' knowledge and skills in the volume necessary and sufficient for professional activity; development of listening comprehension skills in the foreign (Chinese) language; acquisition of skills for conducting conversations, dialogues, and delivering speeches on specialized topics related to the current state of politics, economy, culture, and science in the country of the studied language.	Chinese language 1,2,3,4	Chinese Language Professional 2,3,4	UVU

Professional module	BD	UC	Professional chinese language 2	90	3	6	LO2, LO8	Formation and improvement of communicative competence, development of the pronunciation norms of the language, reading, speaking, writing, listening on professional topics, mastering situational communication skills, reading and understanding everyday texts and professionally oriented texts, writing short and extended dialogical and monologue messages on proposed situations, mastering a minimum of basic technical terminology necessary for professional communication, conducting conversations in a foreign language on everyday and professional topics.	Chinese language 1, 2,3,4 Chinese Language Professional 1	Professional Chinese 3, 4	UVU
	BD	UC	Professional chinese language 3	60	2	7	LO2, LO8	Development and improvement of communicative competence; strengthening of stable skills in reading, listening, speaking, and writing; acquisition of vocabulary and grammar related to professional topics; ability to conduct conversations in a foreign language on both everyday and professional subjects; mastery of a basic set of technical terminology necessary for professional communication; development of the ability to independently expand knowledge and navigate large volumes of information.	Chinese language 1, 2,3, 4 Chinese Language Professional 1, 2	Chinese Language Professional 4	UVU

	BD	UC	Professional chinese language 4	60	2	8	LO2, LO8	Advanced development of professional communicative competence: improvement of translation skills, business correspondence, and oral presentations in Chinese; expansion of vocabulary in the field of specialization; study of language structures typical of scientific, technical, and business styles; enhancement of understanding of authentic texts and videos on professional topics; development of intercultural competence for effective communication in a professional environment.	Chinese language 1, 2,3, Chinese Professional Language 1, 2,3	Final certification	UVU
Professional module	BD	UC	Laws and Regulations of Logistics	90	3	5	LO3, LO8	It studies the norms of logistics legislation, rules in various logistics sectors – procurement, transportation, warehousing, loading and unloading, packaging, and distribution – with a focus on sustainable development principles, including environmental responsibility, resource efficiency, and adherence to social norms. Mastery of the discipline will enable students to apply legal knowledge to solve practical tasks in logistics, considering legal and environmental risks.	Basics of logistics	Logistics and transportation management, International Freight transportation	UVU
	BD	UC	Operations Research	120	4	6	LO12	It studies the main theories and methods of operations research for analyzing and solving practical problems, including the use of artificial intelligence tools and specialized software. The course is aimed at developing systemic and optimization thinking, enhancing logical skills, and the ability to use modern digital technologies to build and solve models in various applied fields..	Fundamentals of scientific research	Logistics project operations, Competitions and projects in the field of innovation and entrepreneurship	UVU

The module of economic and managerial competencies	BD	UC	Principles and Applications of Economics	90	3	5	LO3, LO10	The discipline is aimed at developing students" ability to apply basic economic principles to observe, analyze, and explain typical economic phenomena and problems in real life, as well as to make informed decisions in professional, academic, everyday, and entrepreneurial activities. Special attention is given to issues of digital inclusion – equal access to economic resources and opportunities in the digital economy – as well as understanding the role of digital technologies in creating fair and sustainable economic systems.	Fundamentals of financial literacy	Fundamentals of accounting, Theory and practice of cross-border e-commerce	UVU
The module of economic and managerial competencies	BD	UC	Fundamentals of Accounting	90	3	6	LO7, LO10	The discipline provides students with a comprehensive understanding of the basic concepts, principles, and methods of accounting. Students will apply key elements of accounting, including assets, liabilities, equity, revenues, expenses, and profit, as well as the fundamental assumptions and principles underlying accounting practice. Mastery of the course will help form a holistic view of the accounting structure and develop analytical thinking necessary for interpreting financial information.	Fundamentals of Financial Literacy, Principles and Application of Economics	Competitions and projects in the field of innovation and entrepreneurship	UVU
	BD	UC	Fundamentals of Chinese Business and Trade Culture	90	3	8	LO2	The discipline is aimed at providing students with basic knowledge of Chinese business and trade culture as a key element for effective interaction with partners from China in the field of logistics and international trade. The course covers the peculiarities of doing business in China, national values, business etiquette, negotiation strategies, the structure of the Chinese market, as well as the influence of traditional culture on modern business practices.	Chinese language 1,2,3, Professional Chinese language 4	Final certification	UVU

Information Technology and Artificial Intelligence Module	BD	UC	Computer and engineering modeling	180	6	1	LO2, LO8	To master the basic images of spatial shapes on a plane and teach how to work in modern modeling systems in order to develop innovative computer models.Studies spatial representation and imagination, constructive geometric thinking based on graphical models of spatial forms and practical skills in building computer models, applying them to solving real problems.	Basic school education	Information and communication technologies, Container transportation and multimodal transportation	ICT
Information Technology and Artificial Intelligence Module	BD	UC	Python pogramming basics	90	3	6	LO5	The discipline studies the syntax and semantics of the Python language, algorithmization 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.	Information and communication technologies	Digital logistics management	ICT

Practice-oriented module	BD	UC	Smart Warehouse and Distribution Management	90	3	6	LO7, LO11	The discipline covers intelligent approaches to warehouse and distribution management, considering sustainable development principles. It examines modern methods of managing warehouses, equipment, inventory, quality, and safety, as well as digital tools and systems for processing warehouse information. Distribution technologies are studied, including distribution centers, e-commerce, and small businesses, with an emphasis on efficiency, environmental sustainability, and reducing logistics costs.	Information and communication technologies ,New logistics	Logistics and transportation management	UVU
	BD	UC	Logistics and Transportation Management	120	4	7	LO10 LO12	The discipline is aimed at studying the characteristics of the main types of logistics and transportation, transaction processes, documentation handling, and the principles of planning logistics and transportation systems. Special attention is given to sustainable practices in transport logistics and the application of digital technologies to enhance efficiency, transparency, and accessibility of logistics solutions. Practical skills in transport management are developed with consideration for environmental requirements and principles of digital inclusion.	Smart warehousing and distribution management	International freight transportation	UVU
Practice-oriented module	BD	UC	International Freight Transportation	120	4	8	LO5, LO6	The course covers international freight forwarding, organization of multimodal transportation, warehousing logistics, and transshipment operations. Special focus is placed on environmentally sustainable technologies, legal regulations, and practical skills in planning and controlling freight flows within the global trade and logistics environment.	Smart Warehousing and distribution management, Logistics Project Operations, Logistics and Transportation Management	Final certification	UVU

Professional module	PD	UC	Transport logistics	180	5	3	LO5, LO12	Identify the main provisions of transport support of logistics systems, in the field of transportation, covering the entire range of operations and services for the delivery of goods from producer to consumer, the principles of design and construction of logistics systems. To study methods of optimization and organization of rational cargo flows, their processing in specialized logistics centers. Methods of training are: problem solving, conducting thematic colloquiums, seminars "brainstorming". As part of the discipline implemented elements of dual learning technology	Fundamentals of logistics, Interaction in transport	International freight transportation, Logistics and transportation management	TSB
	PD	UC	Procurement and Supply Chain Management	90	3	5	LO7	The discipline is aimed at acquiring theoretical knowledge and practical skills in supply chain management, as well as analyzing supply and procurement processes within a company. Students will study modern methods of strategic supply chain planning with a focus on digital technologies, including process automation, the use of digital platforms for supplier management, and supply flow optimization. The course also covers methods for selecting suppliers and managing relationships with them in the context of digitalization and globalization.	Fundamentals of financial literacy, Managerial Economics	Theory and practice of cross-border e-commerce, International logistics practice of customs clearance	UVU

Professional module	PD	UC	Logistics Systems Planning and Design	90	3	5	LO9, LO10	The discipline covers the theories and practical applications of systems thinking in the context of planning and designing logistics systems. It examines methods for evaluating and selecting logistics system schemes, including the use of information and digital platforms for effective planning and modeling. This enables the creation of sustainable and adaptive logistics systems capable of responding to the challenges of the digital age.	Computer and engineering modeling,	Operations on logistics projects. Organization and operation of China-Europe trains	UVU
	PD	UC	Smart Logistics Facilities and Equipment	120	4	5	LO4, LO11	The discipline is aimed at teaching students the basic functions, technical parameters, and structural characteristics of logistics facilities and equipment, with an emphasis on digitalization. Students will study the application of smart technologies, automation, and the integration of IoT (Internet of Things) in logistics processes, enabling effective selection, configuration, and management of equipment. The course also covers standards and innovative approaches to optimizing the operation of logistics facilities using digital solutions to improve efficiency, sustainability, and safety.	Computer and engineering modeling,	Operations on logistics projects. Organization and operation of China-Europe trains	UVU

	PD	UC	Logistics Project Operations	120	4	7	LO4, LO10	The discipline focuses on acquiring fundamental knowledge and skills in logistics project management with consideration of digital technologies. Students will study key theories and methods of project management, including planning, organization, implementation, monitoring, and project completion, as well as the use of digital tools for controlling project cost, quality, and timelines. Special attention is given to the implementation of automation technologies, data analysis, and digital platforms for effective management of logistics processes and optimization of project operations.	Computer and engineering modeling, Smart logistics facilities and equipment	On-the-job internship	UVU
Information Technology and Artificial Intelligence Module	PD	UC	Intelligent Logistics Data Analysis and Application	90	3	6	LO5, LO9	The course focuses on methods of collecting, analyzing, and interpreting logistics data using IoT, big data, artificial intelligence, and cloud technologies. Special attention is given to building intelligent logistics systems, risk management, supply chain optimization, and supporting sustainable development through data analytics.	Computer and engineering modeling, Smart logistics facilities and equipment	Digital Logistics Management On-the-job Internship	UVU
	PD	UC	Digital Logistics Management	180	6	7	LO5, LO11	The course develops managerial competencies in logistics digitalization. It covers digital platforms, logistics information systems, and tools for supply chain planning and control. Emphasis is placed on sustainable and inclusive practices, digital transformation of logistics processes, and improving the quality of customer service.	Transportation management, Smart logistics facilities and equipment	International cargo transportation, On-the-job internship, Final certification	UVU

Practice-oriented module	PD	UC	International Trade Practice	90	3	5	LO6, LO8	The course covers key mechanisms of international trade: transaction terms, contract negotiation, payment methods, documentation, and insurance. Emphasis is placed on practical trade skills aligned with sustainable development, social responsibility, ethical standards, and ensuring accessibility in global trade processes.	Smart warehousing and distribution management, Logistics project operations	Logistics and transportation management, International Freight transportation	UVU
	PD	UC	Production practice 1	150	5	6	LO1 - LO12	The main objectives of industrial practice are: consolidation of theoretical knowledge and practical skills in the chosen educational program in an industrial environment, acquisition of organizational work experience, obtaining a working specialty, formation of practical skills and competencies in the process of mastering the bachelor's program.	Interaction of modes of transport, Transportation management, Transport logistics	Industrial (pre-graduate) practice 2	UVU
Practice-oriented module	PD	UC	Industrial (pre-graduate) practice 2	150	5	8	LO1 - LO12	The purpose of the bachelor's degree program 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 acquired by students in the learning process, collect information for writing final qualifying papers, study best practices at the enterprise, as well as 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.	Production practice 1	Final certification	UVU

	PD	UC	On-the-job Internship	180	6	7	LO1 - LO12	The internship provides students with the opportunity to apply their knowledge of modern logistics management in real-world conditions. The focus is on hands-on experience with digital technologies (WMS, TMS, ERP, IoT, Big Data), sustainable logistics solutions (green logistics, emission reduction, eco-friendly packaging), and digital inclusion—ensuring equal access to logistics IT systems. Students develop managerial and technological competencies necessary to work in a modern, digital, and sustainable logistics environment.	Production practice 1, 2	On-the-job internship, Final certification	UVU
Practice-oriented module	PD	UC	On-the-job Internship 2	210	7	8	LO1 - LO12	The internship provides students with the opportunity to apply their knowledge of modern logistics management in real-world conditions. The focus is on hands-on experience with digital technologies (WMS, TMS, ERP, IoT, Big Data), sustainable logistics solutions (green logistics, emission reduction, eco-friendly packaging), and digital inclusion—ensuring equal access to logistics IT systems. Students develop managerial and technological competencies necessary to work in a modern, digital, and sustainable logistics environment.	Production practice 1, 2, On-the-job internship	Final certification	UVU

The module of the additional educational program	PD	UC	Competitions and Projects in Innovation and Entrepreneurship	90	3	7	LO10	Participation in competitions and project development focused on social and environmental innovation. Students acquire entrepreneurial skills centered on inclusion, sustainability, and creating value for society, including marginalized groups.	Smart warehousing and distribution management, Theory and practice of cross-border e-commerce, Planning and design of logistics systems	On-the-job internship, Final certification	UVU
	PD	UC	Production Work Program or "Work study"	90	3	6	LO3, LO12	A practical course that combines labor activities with education, aligned with the principles of sustainable development. Emphasis is placed on creating an inclusive work environment, developing environmentally responsible behavior, and learning resource-efficient production skills.	Smart warehousing and distribution management, Occupational health and safety	On-the-job internships, Competitions and projects in the field of innovation and entrepreneurship	UVU
The module of the additional educational program	PD	UC	Social Surveys and Research. Volunteering	90	3	5	LO1,-LO12	Study of public opinion gathering and analysis methods using inclusive approaches. Students participate in volunteer initiatives aimed at supporting vulnerable groups and promoting the values of sustainable development within the community.	Sociology, Fundamentals of scientific research	Operations research, On-the-job internships, Competitions and projects in the field of innovation and entrepreneurship	UVU

9. CATALOG OF DISCIPLINES OF THE OPTIONAL COMPONENT

EDUCATIONAL PROGRAM **6B11371 Modern Logistics Management**
Double-degree program Urumqi Vocational University (UVU)

Education level: Bachelor's degree **Duration of study: 4 years** **Year of admission: 2025**

Module	Cycle	Component	Name of discipline	Total labor intensity		Semester	Learning outcomes	Brief description of the discipline	Prerequisites	Post-requirements	Department
				in academic hours	in academic credits						
	2	3	4	5	6	7	8	9	10	11	12
Module of Economic and Managerial Competencies	GED	EC	Environmentally sustainable technologies	150	5	4	PO1, PO3	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.	Interaction of Modes of Transport, Transport Logistics	Smart Logistics Facilities and Equipment, Container and Multimodal Transportation, Smart Warehouse and Distribution Management	MTLS

Module of Economic and Managerial Competencies	GED	EC	Green economy and sustainable entrepren eurship	150	5	4	PO1, PO3	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.	Business Mathematics 1, 2, Managerial Economics, Time Management, Legal Foundations of Business	Fundamentals of Chinese Commercial and Trade Culture, Theory and Practice of Cross-Border E-Commerce, Competitions and Projects in Innovation and Entrepreneurship	TSB
	GED	EC	Basics of research	150	5	4	PO10	The discipline introduces the basics of scientific activity, covering its goals, methods and forms, contributing to the formation of theoretical knowledge and practical skills necessary for the successful conduct of scientific research in a chosen professional field, as well as developing the ability to independently search, analyze and apply scientific information, which becomes an important basis for further research and professional activities	Business Mathematics 1, 2	Analysis and Application of Smart Logistics Data, Competitions and Projects in Innovation and Entrepreneurship	SGDPE
	GED	EC	Basics of law and anti-corruption culture	150	5	4	PO1, PO8	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, Cultural Studies, Government Regulation of the Economy, Legal Foundations of Business	Transport Support for International Shipping, International Logistics Practice of Customs Clearance, International Customs Law	SGDPE

Module of Economic and Managerial Competencies	GED	EC	Digital inclusion	150	5	4	PO1, PO3	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.	Information and Communication Technologies, Computer and Engineering Modeling	Fundamentals of Python Programming, Smart Logistics Facilities and Equipment, Analysis and Application of Smart Logistics Data, Digital Logistics Management	ICT
	GED	EC	Fundamentals of financial literacy	150	5	4	PO1, PO3	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.	Business Mathematics 1, 2, Managerial Economics, Time Management	Principles and Applications of Economics, Fundamentals of Accounting, Instruments of Global Trade Regulation	TSB

	GED	EC	Occupational safety and health	150	5	4	PO12	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.	Transportation Management, Transport Logistics	Cold Chain Logistics for Agricultural Products, Specialized Transportation Logistics, Industrial Practice 1, 2, Workplace Internship	TSB
Professional Module	GED	EC	State regulation of the economy	150	5	3	PO1, PO8	The discipline studies the role of the state in the economy and methods that can be used to influence economic processes, examines various economic models and theories, functions of the state, instruments and mechanisms of state regulation, methods of state intervention in certain industries (micro level), analysis of state actions for stabilization economy as a whole (macro level), etc.	Sociology, Political Science	Laws and Regulations of Logistics, Fundamentals of Chinese Commercial and Trade Culture, Customs Statistics and Procedures, International Customs Law	TSB
	GED	EC	Legal basis of business	150	5	3	PO1, PO8	The discipline studies various aspects of the legal environment in which companies and entrepreneurs operate, the features of their activities in online trading, it also examines the basic legal principles governing the activities of e-business, means of protecting the rights and interests of both entrepreneurs and consumers, features of tax law, international trade law and World Trade Organization rules	Sociology, Political Science	Transport Law, Fundamentals of Chinese Commercial and Trade Culture, Customs Statistics and Procedures, International Customs Law	TSB

	PD	EC	Customs statistics and procedures	90	3	4	PO4, PO8	The discipline studies the basic concepts of the general theory of statistics, the grouping of statistical data: absolute, relative and average values, general methods and principles for determining the quantitative characteristics of mass phenomena and processes	Government Regulation of the Economy, Legal Foundations of Business	Laws and Regulations of Logistics, Fundamentals of Chinese Commercial and Trade Culture, International Trade Practice, International Customs Law	TSB
Professional Module	PD	EC	Transport law	90	3	4	PO4, PO8	The discipline studies the legal foundations, the relationship of carriers, infrastructure owners with shippers and consignees, the fulfillment of contractual relations and the definition of property and other types of liability in cases of violation, will reveal the organizational and legal foundations of customs management in the EAC, the legal status of subjects of customs relations, the application of customs procedures and the procedure for placing goods under	Government Regulation of the Economy, Legal Foundations of Business	Laws and Regulations of Logistics, Fundamentals of Chinese Commercial and Trade Culture, International Trade Practice, International Customs Law	TSB
	PD	EC	Cost and Logistics Efficiency Management	90	3	5	PO7	The discipline aims to develop students" understanding of the importance of forming logistics costs and managing efficiency using sustainable methods and artificial intelligence. Students acquire tools for optimizing costs and enhancing logistics efficiency, considering environmental and social aspects, while also using AI for forecasting and data analysis in supply chains. The course covers theories of logistics costs, advanced supply chain management methods, and modern approaches to cost reduction through the application of artificial intelligence.	Business Mathematics 1, 2, Managerial Economics, Time Management, Laws and Regulations of Logistics	Fundamentals of Chinese Commercial and Trade Culture, International Trade Practice, Theory and Practice of Cross-Border E-Commerce	UVU

	PD	EC	Controlling in logistics	90	3	5	PO7	The discipline examines methods of planning, analyzing and controlling logistics processes based on the principles of sustainable development, including resource optimization, cost reduction and environmental impact, to ensure effective supply chain management and sustainable growth of companies	Business Mathematics 1, 2, Managerial Economics, Time Management, Laws and Regulations of Logistics	Fundamentals of Chinese Commercial and Trade Culture, International Trade Practice, Theory and Practice of Cross-Border E-Commerce	UVU
Professional Module	PD	EC	Theory and Practice of Cross-Border E-Commerce	90	3	6	PO4, PO6	Examines features of cross-border e-commerce: digital platforms, logistics, customs clearance, supply chain and warehousing management. Highlights sustainable practices, reducing ecological footprint, digital inclusion, and ensuring service accessibility for diverse users.	Logistics Cost and Efficiency Management, Logistics Controlling, Procurement and Supply Chain Management	Fundamentals of Chinese Commercial and Trade Culture, International Trade Practice, Digital Logistics Management	UVU
	PD	EC	Instruments for regulating global trade	90	3	6	PO4, PO6	The course focuses on the study of national and international measures aimed at managing and optimizing trade relations between countries. It examines the trade policies of different states, international trade agreements, and financial regulatory instruments. The course also looks at examples of economic integration associations, analyzes trade sanctions and embargoes imposed by various countries, and their economic consequences.	Logistics Cost and Efficiency Management, Logistics Controlling, Procurement and Supply Chain Management	Fundamentals of Chinese Commercial and Trade Culture, International Trade Practice, Digital Logistics Management	UVU

Module of Economic and Managerial Competencies	PD	EC	Managerial Economics	90	3	3	PO3, PO7	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.	Business Mathematics 1, 2	Environmentally Sustainable Technologies, Green Economy and Sustainable Entrepreneurship, Principles and Applications of Economics, Fundamentals of Chinese Commercial and Trade Culture, Logistics Cost and Efficiency Management	TSB
Module of Economic and Managerial Competencies	PD	EC	Time - management	90	3	3	PO3, PO10	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	Business Mathematics 1, 2	Environmentally Sustainable Technologies, Green Economy and Sustainable Entrepreneurship, Principles and Applications of Economics, Fundamentals of Chinese Commercial and Trade Culture, Logistics Cost and Efficiency Management	

Professional Module	PD	EC	Container and Multimodal Transportation	90	3	5	PO8, PO9	The discipline is aimed at providing students with knowledge of modern technologies in container and multimodal transportation, including digital platforms, automated tracking systems, electronic document management, and IoT. Sustainable transportation solutions and environmental aspects are also covered. Students acquire practical skills in analyzing and applying technologies in global logistics, considering digital transformation and changing industry requirements.	Interaction of Transport Modes, Transport Logistics	Logistics and Transportation Management, International Freight Transport, Specialized Transportation Logistics, Transport Support for International Shipping	UVU
Professional Module	PD	EC	Container transportation and technologies	90	3	5	PO8, PO9	The discipline studies methods for assessing the quality and effectiveness of designing logistics systems for the delivery of goods in containers and transport packages, commercial and legal regulation of container and package transportation in transport, economics, rationing and automation of container and package transportation. Freight forwarding services in the field of container and package transportation, principles of organization of piggyback transportation. The discipline forms students with the skills of new technological solutions and assessment of transport and operational qualities of communication routes in the organization of multimodal transportation.	Interaction of Transport Modes, Transport Logistics	Logistics and Transportation Management, International Freight Transport, Specialized Transportation Logistics, Transport Support for International Shipping	UVU

	PD	EC	Cold Chain Logistics of Agricultural Products	90	3	6	PO11, PO12	The discipline is aimed at mastering cold chain management technologies for storing and transporting agricultural products. It covers digital solutions (IoT sensors, temperature monitoring systems, warehouse automation) as well as sustainable storage and logistics practices. Students study real cold chain logistics processes and acquire skills in working with digital and environmentally friendly cold chain technologies.	Interaction of Transport Modes, Transport Logistics	Logistics and Transportation Management, International Freight Transport, Specialized Transportation Logistics, Transport Support for International Shipping	UVU
	PD	EC	Logistics of specialized transportation	90	3	6	PO11, PO12	The discipline is aimed at studying the processes of organizing and managing the transportation of dangerous, oversized, perishable and other specialized goods, taking into account the requirements of sustainable development and digitalization. Special attention is paid to the use of digital technologies for monitoring, planning and ensuring transportation safety, as well as environmental standards and the rational use of transport resources within the framework of modern logistics infrastructure.	Interaction of Transport Modes, Transport Logistics	Logistics and Transportation Management, International Freight Transport, Specialized Transportation Logistics, Transport Support for International Shipping	UVU

Professional Module	PD	EC	Organization and Operation of China-Europe Trains	90	3	7	PO6, PO8, PO12	The discipline provides systematic knowledge about China-Europe rail express transportation: transportation structure, warehousing, packaging, distribution, quality and cost management. Special attention is given to digital technologies (electronic platforms, tracking, automation) and sustainable logistics practices. Students study the integration of digital solutions into multimodal routes and acquire skills in effectively organizing international transportation.	Interaction of Transport Modes, Transportation Management, Transport Logistics, Smart Logistics Facilities and Equipment, Logistics Systems Planning and Design, Container and Multimodal Transportation	Fundamentals of Chinese Commercial and Trade Culture, International Freight Transport, Workplace Internship	UVU
	PD	EC	Transport support for international transportation	90	3	7	PO6, PO8, PO12	The course covers the technical and legal foundations of organizing international transportation. It develops competencies in integrated management of transport systems within global supply chains aimed at enhancing the efficiency of multimodal and intermodal transport, reducing logistics risks, and ensuring the security of international trade operations.	Interaction of Transport Modes, Transport Logistics, Container and Multimodal Transportation, Logistics Systems Planning and Design	International Freight Transport, Workplace Internship	UVU

Professional Module	PD	EC	International Logistics Practice of Customs Clearance	90	3	7	PO6, PO8	Focuses on modern digital customs clearance methods in international logistics: e-declaration, customs supervision, and use of IS, EDI, and blockchain for various goods. Emphasizes digital inclusion, sustainable practices, and developing skills for handling digital customs services in international trade	Container and Multimodal Transportation, Customs Statistics and Procedures, Transport Law, Theory and Practice of Cross-Border E-Commerce	Fundamentals of Chinese Commercial and Trade Culture, International Freight Transport, Workplace Internship	UVU
	PD	EC	International customs law	90	3	7	PO6, PO8	The disciplinestudies the methodologyandmethodology of applying the theoryandpractice of internationalcustomslaw,itseconomicandlegalaspects,issues of organizing the work of customsauthoritiesandtheirinteractionwithgovernmentauthorities,subjects of internationallawin the process of theircooperationin the customssphere, the relationshipwith the movement of goodsandvehiclesacross the customsborders of states	Container and Multimodal Transportation, Customs Statistics and Procedures, Transport Law, Theory and Practice of Cross-Border E-Commerce	Fundamentals of Chinese Commercial and Trade Culture, International Freight Transport, Workplace Internship	UVU

14. APPROVAL SHEET

No.	FULL NAME.	Place of work / study	Job title	Date of approval	Signature

15. SHEET OF REGISTRATION OF CHANGES

Номер издания	Дата введения	Изменения	Подпись
1	2	3	4