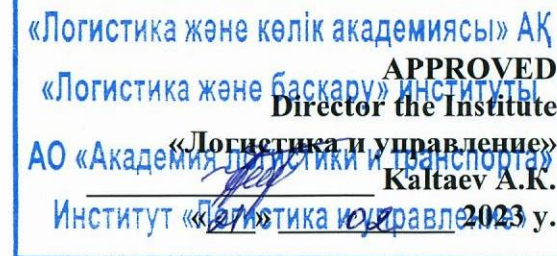


AGREED
Director of the Department of Transportation Activities

«TransCom» LLP

Zhumatayev A.

2023 y.



CATALOG OF DISCIPLINES OF THE COMPONENT BY CHOICE

EDUCATIONAL PROGRAM

8D11361- Organization of transportation, traffic and operation of transport

Level of training: doctoral study

Period of study: 3 years

Year of admission: 2023 y.

Module	Cycle	Component	Name of the discipline	Total labor intensity		Semester	Learning outcome	Brief description of the discipline	Prerequisites	Post-requisites	Department
				in academic hours	in academic credits						
1	2	3	4	5	6	7	8	9	10	11	12
Module 1-Scientific and pedagogical competences	BD	EC	Transport outsourcing	150	5	1	LO3, LO4	obtaining knowledge and information about the basics of organizing outsourcing activities on the main railway transport, methods and tasks of outsourcing activities, types of outsourcing in the organization of work on the main railway transport in the field of freight transportation, the procedure for drawing up tender documentation and conducting tenders to attract outsourcing companies to serve cargo owners and maintain the terminal and warehouse facilities of railway transport.	Basic master's courses	FS, Research practice	OTOT
	BD	EC	Methodology for servicing transport users				LO2, LO3	The discipline covers the following issues: Determining the indicators of the use of the fleet of freight cars. Assessment of the quality of transportation. Determination of performance indicators of transport enterprises. Determination of the capital return of fixed assets of the road division. Determination of the efficiency of the use of fixed assets of the railway. Calculation of the performance plan implementation by a motor transport company.	Basic master's courses	FS, Research practice	OTOT

Module 2-Core competencies	PD	EC	Traffic flow forecasting	150	5	1	LO2, LO5	The purpose of the discipline is to study the following issues: Forecasting of cargo flows and technical development of the unified transport system. Theoretical prerequisites for optimizing the transportation process in transport systems. Optimization of the capacity of permanent devices of transport systems and their throughput capacities. Improving the system of operational management of interaction between different types of transport. Areas of optimal interaction between different modes of transport and the development of their competitiveness.	Specialized master's degree courses	FS, Research practice	OTOT
	PD	EC	System analysis of transport operation				LO2, LO5	The purpose of the discipline is to analyze the functioning of the transport system, the changes occurring in it and to prepare scientifically based tools that allow the system to be rebuilt in accordance with the changes in the situation, as well as to study the nature of the flow of transport processes in various transport systems, solving problems of planning, forecasting the operation of transport systems, transport nodes, organizing operational, calendar management of complex transport systems.	Specialized master's degree courses	FS, Research practice	OTOT
Total volume (variable part)				300	10						

Acting Head of the Department
«Organization of transportation and operation of Transport»



Abibullaev S.Sh.