

Transport logistics

Group of educational programs: B065 Motor vehicles

Educational program: 6B11301 Logistics in transport

Formation of students general cultural and professional competences, providing high quality educational services in the field of higher education and competence in training for the transport sector of the economy of the Republic of Kazakhstan through the implementation of the principles of the Bologna process and modern standards in the direction of training bachelors of transport services.

Period of study: 4

The formed educational outcomes

- The ability to determine the legal framework and legislation, trends in economic development of the Republic, has deep knowledge in the field of national policy and social priorities, socio-political concepts and structures, historical and socio-political situation in the world; to Use General concepts and basic formulas of mathematics in solving problems; to assess the adequacy of the choice of mathematical models to solve problems; to Apply theoretical knowledge to solve specific physical problems and situations, to analyze the results of physical experiment.
- The ability to define the methods of descriptive geometry and engineering graphics required to create machines, devices and complexes meeting modern requirements of accuracy, efficiency, reliability, cost-effectiveness; the Ability of the design of the planned signs and high-rise frames for precise engineering-geodetic works; a working knowledge of the language professional knowledge (knowledge of the grammatical structures, lexical units professional orientation).
- Critical understanding of classification, indexing and arrangement of vehicles; Able to organize the movement of transport, management, warehousing of goods; Apply advanced technologies of cargo delivery, delivery of goods on special conditions, to know the factors and levels of logistics development, basic concepts of logistics; It is able to create the digital industry of the future-ensuring long-term sustainability, launching the digital transformation of the country by increasing the level of human capital development, building institutions for innovative development and, in General, the progressive development of the digital ecosystem.
- The ability to develop processes of transport management, organization and operation management, development, implementation of marketing methods and management in the organization of the transportation process; Ability to use basic concepts and laws of mechanics, principles derived from these laws for the study of the movement of machine elements and mechanisms; is Able to use a

comprehensive approach to ensuring safety in transport; Ability to use the latest achievements in the field of interchangeability and technical measurements.

- The ability to prevent and resolve conflict in interactions with other logistics centres; to know the international transport classification of goods and the classification used in the transport sector; to Know the basics of patent law and patenting in the Republic of Kazakhstan, the legal basis of protection and conditions of patentability; Able to organize forms of interaction between different modes of transport; to Know General principles of control over the operational work of transport, based on the use of advanced equipment and technology.
- The ability to analyze the effectiveness of innovations and innovation activities of logistics centers; to Know the legal regulations governing the carriage of goods transport, accepting cargo for transportation, loading of cargo into vehicles and unloading of cargo from them; to Know the basic principles of forwarding activity; to Apply the highly efficient production of loading and unloading work, warehouse operations through the use of modern systems of cars; the Development of urban transport system and street network of the city.
- Ability to use corporate governance tools in order to increase the economic and investment attractiveness and capitalization of the company, methods and functions of process control; ability to model engineering systems, the creation of engineering systems for administrative, industrial, commercial and residential buildings, the use of special software for simulation of engineering systems; Capable to organize traffic and the conditions of carriage of goods, freight rates, shipping documents, maintaining and clearance of unsafe cargo transportations; to Know the main activities on the organization of passenger transportation, traffic and safety transportation, organization of ticket and cash operations, legislation and the technical regulations operating in the transport, including passenger transportation.
- Ability to work in a team, to be flexible and mobile in various situations; knowledge of rules and norms of labor protection in the workplace; Ability to transport logistics, modern transport and technological supply chains; Ability to master issues: engineering surveys, design, construction, operation, maintenance, monitoring and reconstruction of roads, buildings and structures; Know the Regulations on licensing of transportation, forwarding and other activities related to the implementation of the transport process, repair and maintenance of vehicles on road transport in the Republic of Kazakhstan. The position of Kazakhstan on transport inspection.