

CATALOG OF ELECTIVE DISCIPLINES
For students in the direction of preparation 6BH3 Transport services
Brief description of the elective disciplines of the educational program



EPG	EP	Form of education	The name of discipline		f Discipl	i Compor	Num ber of credi	Level of training	Cafedra	Course	Acade mic period	Pre-requisitions	Post- requisitions	Brief content of the discipline	Key learning outcomes	Name of the alternative discipline
	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Basics of economics and law	OEP 2111	GER	Elective subjects	5.0	Bachelor	Economy	2	2	History of Kazakhstan	Economics of firm and entrepreneurship	The discipline promotes knowledge of the subject of economic theory and methods of research, the basis of public production and forms of public economy, the mechanism of functioning of the market expected public production, costs and income of the firm, national economy. Give an assessment of economic growth and instability of the market economy, inflation and unemployment as manifestations of economic instability. Demonstrate knowledge and skills in the financial and monetary credit system in the national economic security. To master the basics of the theory of the state and law, the basics of constitutional, administrative, civil, labor, family, criminal law.	antive in a logical and quantitative way the conditions for the development of production and valuate the competitiveness of created products on the principles of engineering, study innovative strepteneurship and anti-corruption culture, formulate inventions	Basics of design
B095 - «Transport ation Services»	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Basics of design		GER	Elective	5.0	Bachelor	Technical mechanics	2	2			machine parts. Mastering by students of the provisions of the system of standards for the implementation, execution, storage and use of design documentation, the theoretical foundations and requirements of ESKD standards. Fundamentals of designing mechanisms for general machine building, purpose and development of practical skills in solving complex design problems.	bemonstrate the skills of designing and calculating the structures of agrotechnological machines, abstantiating the system of machines and equipment for cultivation, harvesting, storage and rocessing of crop and livestock products. Develop technical drawings with the requirements of the SCD, possess the skills of modern computer-aided design, apply in practice the compliance of the eveloped projects and technical documentation, and other regulatory documents on the design and alculation of design development. To show the ubility of logical and critical thinking, mathematical nodeling of real processes and phenomena, calculations of internal combustion engines, schematics, esging development, technological maps for the production of agricultural products. Choose the nethodology and methodology of mathematical modeling and analysis of the basic physical and nechanical properties of structural and fuel-lubricants, apply the laws of mechanics of materials in the development of projects in professional activities.	Basics of economics and law
B095 - «Transport ation Services»	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	The interaction of transport	VVI 2220	BS	Elective		Bachelor	Technical service	2	3	Transportation Management	Organization of transportations and traffic control	Forms of interaction between different modes of transport; laws of development of technical means and operation of different types of transport peculiarities of different types of transport into a unified transport system, technical and operational characteristics of transport modes, to choose the technical means for the interaction of different modes of transport, to determine the structure and capacity of transport nodes, to identify the technological schemes of an overload of the main cargoes at the points of splicing, transport		Device Basics of vehicles
B095 - «Transport ation Services»	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Device Basics of vehicles - I		BS	Elective		Bachelor	Technical service	2	3			Basics of the engine, the duty cycle. Crank mechanism. Classification. Components and their purpose. Gas distribution mechanism. Timing phase. Cooling system. Features of devices of cooling systems. Lubrication system. Supply system. Features of diesel and gasoline power systems. Ignition system. Electrics. Current source. Current consumers. Auxiliary equipment. Starting system.		The interaction of transport
B095 - «Transport ation Services»	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Interchangeability of standardization and technical measurements		BS	Elective		Bachelor	Стандартиз ция, метрология и сертификац я		1	Digitalization in engineering	Modeling of engineering systems	attudged activation and technical measurements. The acquisition of deep knowledge and solid skills for C	Develop technical drawings with the requirements of the ESCD, possess the skills of modern computer-aided design, apply in practice the compliance of the developed projects and technical locumentation, and other regulatory documents on the design and calculation of design development.	Device Basics of vehicles
B095 - «Transport ation Services»	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Device Basics of vehicles - II	OUTS 3229	I BS	Electiv	e 5.0	Bachelor	Technical service	3	1			Transmission. The classification of total device. The principle of operation of the components.  Clutch, Variable transmission. Transfer case. Boxes machines. Driveline. Back axle. Main gear.  Differential. Carrier system. Views. Design features. Suspension. Chassis. Steering. Brake system.  Classification. Component. Principle of operation.		Interchangeability of standardization and technical measurements

B095 - «Transporter attorn attorn services»	6B11301 -  «Logistrics in transport»	Full-time (backelor 4 years) trimester	Technology and mechanization of cargo handling works	TMI'R 3222 SGMG		Elective		Bachelor	Technical service	3 1	Descriptive geometry and engineering graphics	labour safety	Highly efficient production of loading and unloading warehouse operations based on the use of modern systems of machines, technical and economic task for the design and creation of new loading and unloading machines, to organize the commissioning, maintenance and repair of modern means of mechanization and automation both in a centralized manner and by local means	The ability to define the methods of descriptive geometry and engineering graphics required to create unachines, devices and complexes meeting modern requirements of accuracy, efficiency, reliability, coust-flictiveness, the ability of the design of the planned signs and high-rise frames for precise engineering-geodetic works; a working knowledge of the lunguage professional knowledge (knowledge of the grammatical structures, lesical units professional orientation). Critical understanding of classification, indexing and arrangement of vehicles; Able to organize the movement of transport, management, warehoussing of spoaks, Apply advanced technologies of craps 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 sestimability, 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 carating 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, 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 centr	Fluid and gas mechanics, bydro and pneumatic actuator
«Transport ation	«Logistics in transport»	(bachelor 4 years) trimester	mechanics, hydro and pneumatic	2308.		subjects	3.0	Dictició	service						mechanization of cargo handling works
Services» B095 - «Transport ation Services»	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	actustor Basies of Transportation Loads	Gru 3219	BS	Elective		Bachelor	Tectmical service	3 1	The interaction transport	n of Organization of transportations and traffic control	International transport classification of goods and the classification applied on motor transport; selection of means of protection and marking signs, norms of natural loss of various types of goods, registration of documentation on transportation of goods, calculation of number of cargo units in transport container according to standard standard sizes; to count number of containers and pallets for transportation of the set volume of	The ability to define the methods of descriptive geometry and engineering graphics required to create muchines, devices and complexes meeting modern requirements of accuracy, efficiency, reliability, costs-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, busic 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 luman 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 because the 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 technical measurements. The ability to apprehensive of protection and conditions of planetability, Able to organize formes of interaction between different modes of transport, to Know General principle	Bases on designing of the car
B095 - «Transport ation	6B11301 - «Logistics in transport»		Bases on designing of the car	AKN 3309	BS	Elective subjects	5.0	Bachelor	Technical service	3 1					Basics of Transportation Loads
Services» B095 - «Transport ation Services»	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Organization of cargo transportation	OGP 3200	BS	Elective subjects	5.0	Bachelor	Technical	3 2	Basics of Transportation Loads	Transport logistics	Normative legal acts defining the order of transportation of goods by transport; conclusion of the contract for transportation of goods, provision of vehicles; acceptance of cargo for transportation, loading of goods into vehicles and unloading of goods from them; terms of delivery of cargo, delivery of cargo, storage of cargo in the terminal of the carrier, cleaning of vehicles, containers, features of transportation of certain types of goods	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 multhenatics in solving problems; to assess the adequacy of the choice of nathematical 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 professioan orientation). The ability to develop processes of transport nuanagement, 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 mechanisms, is Able to use a comprehensive approach to ensuring safety in transport, Ability to use the lasts achievements in the field of interchangeability and technical measurements. The ability to grevent 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 patentalwity, Able to organize forms of interaction between different modes of transport, to Know Centeral principles of control over the operational work of transport, based on the use of advanced equipment and technology. The ability t	Transport systems and transportation process

Transport	6B1[30] - d.ogistics in transport»	Full-time (bachelor 4 years) trimester	Transport systems and transportation process	TSPP 3230	BS	Elective subjects	5.0	Bachelor	Technical service	3 2			Features of technological influences on the vehicle and PP of various types, organizational structure and management structure of transport enterprises; to unalyze and develop recommendations to improve the efficiency of the transport enterprise; to classify transport and transport-technological machines for various purposes, systems and elements of regulatory documentation	Ability to develop design, technological, engineering and design estimates for the creation and repair of transport equipment Critical understanding and analysis of solutions and consequences forecasting, planning and implementation of transport teaks and projects Ability to develop projects of transport equipment and technology taking into account technological, design, aesthetic, economic and other parameters Ability to prevent conflict situations in interaction with enterprises, imass media and act as a mediator in conflict resolution. Analysis of innovation efficiency of transport enterprises, application of management skills in innovative processes of transport equipment and technology	Organization of cargo transportation
	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Economics of firm and entrepreneurship	EPP 3200	BS	Elective subjects	4.0	Bachelor	Economy	3 2	Basics of economics and law	Transport logistics	The concept of an enterprise as a subject and object of business activity. The products of the enterprise, its competitiveness, Production resources of the enterprise. Enterprise - an economic entity of the market; Joint stock companies, Small businesses, Taxation of small businesses, Organization and registration of a business time; Competition in the business system; Commercial activities of the company, Business infrastructure, Marketing in the business system; Management in the activities of the enterprise; Management Motivation	Possess knowledge of socio-humanitarian and economic disciplines, willingness to demonstrate a well- formed worldview, civic and moral position of a highly educated person with a broad outlook and a culture of thinking. Demonstrate knowledge of natural science disciplines. The ability to explain, formulate and use basic indicators for solving tasks, communication with other sciences and its practical significance	The engine management system
	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	The engine management system	SUDVS 3312 1	BS	Elective subjects	4.0	Bachelor	Technical service	3 2	120				Economics of firm and entrepreneurship
Services	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Organization of transportations and traffic control	OPUD 3221	BS	Elective	5.0	Bachelor	Technical service	3 2	Logistics technology of cargo delivery	Transport logistics	The general principles of transport operations management, based on the use of advanced technology and technology, operation of individual transport facilities with regard to the use of an automated courtor system; theoretical bases on optimization of production processes, and, consequently, of the whole complex included in the technology of their work, taking into account economic efficiency in the implementation of planned tasks		Transport systems and transportation process
Transport	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Transport systems and transportation process		BS	Elective subjects	5.0	Bachelor	Technical service	3 2	3.4		Features of technological influences on the vehicle and PP of various types, organizational structure and management structure of transport enterprises, to analyze and develop recommendations to improve the efficiency of the transport enterprise, to classify transport and transport-technological machines for various purposes, systems and elements of regulatory documentation	of transport equipment Critical understanding and analysis of solutions and consequences forecasting,	Organization of transportations and trafficontrol
Carrier	6BH301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Transport logistics	TL 330	0 AS	Elective	5.0	Bachelor	Technical service	3 3	Organization of transportations and traffic control	latemship	Formation and development in transport logistics. Transport logistics support. Modern transport technology supply chain. Terms of delivery and legal aspects of transport logistics. Information technologies in transport logistics	machines, devices and complexes meeting modern requirements of accuracy, efficiency, reliability, cost-effectiveness; the Ability of the design of the planued 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, manugement, 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 cupital development, building institutions for innovative development and, in General, the progressive development of the digital ecosystem. The ability to develop processes of transport manugement, organization and operation 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; to know the miternational 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	
B095 - «Transport ation Services»	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Basics of organization of wheeled and casterpillar machines		AS	Elective		Bachelor	Mechanizatio n of technological processes	3 3			General information about the design, arrangement and operation of units and systems of basic models, basic adjustments, techniques for maintaining technical condition, expanding practical skills and abilities in the field of technical operation of domestic and foreign tractors and agricultural vehicles widely used in farms.	To organize highly efficient operation of machines, apparatus, machinery and technological equipment in production, to show leadership qualities	Transport logistics

B095 - «Transport ation Services»	GS11301 - el. ogistics in transporte	Full-time (bachelor 4 years) trimester	Transportation and forwarding services in transport		BS	Elective	5.0	Bachelor	Technical	3 3	Organization of curgo transportation	Licensing and certification of transport vehicle and services.	Construction activities calculation and analysis of quality indicators of freight and passenger traffic.		Fundamentals on design and operation of process equipment
						100								legal regulations governing the carriage of goods transport, accepting cargo for transportation, loading	
B095 - «Transport ation Services»	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Fundamentals on design and operation of process equipment		BS	Elective	5.0	Bachelor	Technical service	3 3			About the place of the processing equipment in production funds and influence on technical operation of transport equipment (TE), determination of need for the processing equipment and an assessment of efficiency of its application; application of the processing equipment on production, studying influence of the processing equipment on transport complements	of cargo into vehicles and unloading of cargo from them; to Know the basic principles of forwarding	Transportation and forwarding services in transport
B095 - «Transport ation Services»	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	labour safety	OT 4304	AS	Elective subjects	4.0	Bachelor	Mechanization of technological processes		Basics of economics and law	Fundamentals of patenting for transport	Occupational hazards at the workplace, production site, enterprise, taking into account the dangerous factors of the production environment, the labor process; requirements of labor laws, rules and labor protection standards at the workplace, production site, enterprise using knowledge of technological production processes; labor law requirements.  The Labor Code of the Republic of Kazakhstan and other regulatory legal acts containing labor law provisions relating to the organization of labor (internal work regulations, leave regulations, travel regulations, etc.).		Device Basics of vehicles - II
B095 - «Transport ation Services»	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Device Basics of vehicles - II		AS	Elective	4,0	Bachelor	Technical service	4 1			Transmission. The classification of total device. The principle of operation of the components. Clutch. Variable transmission Transfer case. Boxes machines Driveline. Back axle. Main gear. Differential. Carrier system. Views. Design features. Suspension. Chassis. Steering. Brake system. Classification. Component. Principle of operation.		labour safety
B095 - «Transport ation Services»	6BH301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Organization of passenger transportation	OPP 4300	AS	Elective	5.0	Bachelor	Technical service	4 1	Providing transport safety	Transport planning city	Parameters that determine the power of traction in passenger traffic and the scope of various types of traction; the main issues of the organization of long-distance, local and suburban trains, organization of ticket and cash operations for long-distance, local and suburban communications, the system of centralized accounting and distribution of seats on passenger trains; the system of organization of high-speed passenger traffic, the requirements for providing its technical means	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, eost-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 (throwledge of the grammatical structures, lexical units professional orientation). The ability to develop processes of transport management, generation analogement, development, implementation of marketing methods and management in the organization of the transportation process, Ability to use basic oncepts 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. 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, Abilit	Transport systems and transportation process
B095 - «Transport ation Services»	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Transport systems and transportation process		AS	Elective		Bachelor	Technical service	4 1			Features of technological influences on the vehicle and PP of various types; organizational structure and management structure of transport enterprises; to analyze and develop recommendations to improve the efficiency of the transport enterprise; to classify transport and transport-technological machines for various purposes, systems and elements of regulatory documentation	inspection.  Ability to develop design, technological, engineering and design estimates for the creation and repair of transport equipment Critical understanding and analysis of solutions and consequences forecasting, planning and implementation of transport tasks and projects Ability to develop projects of transport equipment and technological in interaction of the conflict is transport equipment and technological in interaction with enterprises, mass media and act at a mediator in conflict resolution Analysis of innovation efficiency of transport enterprises, application of management skills in innovative processes of transport equipment and technology	Organization of passenge transportation

Transport	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimeater	Organization of cargo and commercial work	OGKR 4303	AS	Elective subjects	5,0	Bachelor	Technical service	4		Transport logistics	Process Control	systems and integrated mechanization and automation of loading and unbanding. Freight and commercial work or artilway transport. Cargo and commercial work on road transport. Cargo and commercial work on air transport. Cargo and commercial work on water transport.	engineering goodetic works, a working knowledge of the language professional knowledge (knowledge of the grammatical structures, lecical units professional orientation). 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 have 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 condition interactions with other logistics centers, to know the microality in the microality of the control of the properties of	technique repair
and the same	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Bases of production technology and transport technique repair		AS	Elective subjects	5.0	Bachelor	Technical service	4	1			Regularities of formation of productivity and carrying capacity of mems of service, organization of maintenance, rational technology of maintenance and complex indicators of maintenance and repair of transport equipment, to form students' scientific, reasonable approach to the organization and technology of work on maintenance and repair of transport equipment	Ability to develop design, technological, engineering and design estimates for the creation and repair of transport equipment Critical understanding and analysis of solutions and consequences forecasting, planning and implementation of transport tasks and projects Ability to develop projects of transport equipment and technology taking into account technological, design, aesthetic, economic and other parameters Analysis of innovation efficiency of transport enterprises, application of management skills in innovative processes of transport equipment and technology	Organization of cargo an commercial work
B095 - «Transport ation Services»	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Fundamentals of patenting for transport	OPT 4200	BS	Elective subjects	3.0	Bachelor	Technical service	4	2	Descriptive geometry and engineering graphics	Internship	The basics of patent law and patenting in the Republic of Kazakhstan, the legal basis of protection and conditions of patentability; the formulation of goals and objectives of the research; the methodology of organizing and conducting research; principles of analysis, hypotheses, synthesis of existing information	Ability to develop design, technological, engineering and design estimates for the creation and repair of transport equipment Critical understanding and analysis of solutions and consequences forecasting, planning and implementation of transport tasks and projects Ability to develop projects of transport equipment and technology taking into account technological, design, aesthetic, economic and other parameters Analysis of innovation efficiency of transport enterprises, application of management skills in innovative processes of transport equipment and technology Possession of skills of the address with modern equipment, ability to use information technologies in the sphere of professional activity	Economics of firm and entrepreneurship
	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Economics of firm and entrepreneurship		BS	Elective subjects	3.0	Bachelor	Economy	4	2			The concept of an enterprise as a subject and object of business activity; The products of the enterprise, its competitiveness, Production resources of the enterprise; Enterprise - an economic entity of the market; Joint stock companies, Small businesses, Taxation of small businesses, Organization and registration of a business first, Competition in the business system; Commercial activities of the company, Business infrastructure; Marketing in the business system; Management in the activities of the enterprise; Management Motivation	Possest knowledge of socio-humanitarian and economic disciplines, willingness to demonstrate a well formed worldview, civic and moral position of a highly educated person with a broad outlook and a culture of thinking. Demonstrate knowledge of natural science disciplines. The ability to explain, formulate and use basic indicators for solving tasks, communication with other sciences and its practical significance	Fundamentals of patenting for transport
B095 - «Transport ation Services»	6B11301 - «Logistics in transport»	Full-time (bachelor 4 years) trimester	Transport planning city	TPG 4200	BS	Elective	4.0	Bachelor	Technical service	4	2	Organization of transportations and traffic control	Internship	Systems of urban transport and road network of the city, development of measures to improve the transport and operational characteristics of the network; classification of city streets and roads; capacity of the street network of the city; design elements of the street and road network of the city; design urban freight roads; determine traffic patterns at the intersections of city streets	The ability to define the methods of descriptive geometry and engineering graphics required to create muchines, devices and complexes meeting modern requirements of accuracy, efficiency, reliability, cost-effectiveness, the ability of the design of the planned signs and high-rise finances for precise engineering-geodetic works; a working knowledge of the language professional knowledge (knowledge of the agrammatical structures, lexical units professional orientation). Critical understanding of classification, undexing 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 beyes of logistics evolupoment, 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 of the digital coosystem. 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 muchine elements and mechanisms; is Able to use a comprehensive approach to ensuring safety in transport, Ability to use that transport, Ability to use that the progression of the study of the movement of muchine elements and mechanisms; is Able to use a comprehensive approach to ensuring safety in transport, Ability to use data of the progression of the study of the development of muchine elements and mechanisms; of Able to use a comprehensive approach to ensuring safety in transport, Ability to use that transport and the progression of the field of interchangeability and technical measurements. The ability to analyze the effectiveness of innovations and innovation activities o	technology and transpor technique repair
B095 - «Transport ation Services»	6B11301 - t «Logistics in transport»	Full-time (bachelor 4 years) trimester	Bases of production technology and r transport technique repair	1100	BS	Elective	e 4.0 s	Bachelor	Technical service	4	2			Regularities of formation of productivity and carrying capacity of means of service, organization of maintenance, rational technology of maintenance and complex indicators of maintenance and repair of transport equipment; to form students' scientific, reasonable approach to the organization and technology of work on maintenance and repair of transport equipment	Ability to develop design, technological, engineering and design estimates for the creation and repair of transport equipment Critical understanding and analysis of solutions and consequences forecasting planning and implementation of transport tasks and projects Ability to develop projects of transport equipment and technology taking into account technological, design, easthetic, economic and other parameters. Analysis of innovation efficiency of transport enterprises, application of management skills in innovative processes of transport equipment and technology	Transport planning city
B095 - «Transport ation Services»	6B11301 - t «Logistics in transport»	Full-time (bachelor 4 years) trimeste	Modeling of engineering system	MIS 4305	AS	Elective		Bachelor	Technologic I machines and equipment	a 4	2	Information and communication technologies	Internship	Modern mathematical methods of calculation modeling of engineering systems of automatic control in relation to complex objects, innovative technologies and methods of calculation modeling of engineering systems of management of objects on the basis of modern scientific approaches, data on the development and design of complex and multifactorial problems modeling of engineering systems of technical and scientific objects	A SECTION OF BUILDINGS AND TO SECTION OF BUILDINGS AND A SECTION OF BUILDINGS AND A SECTION OF A SECTION OF A	Economics of firm and entrepreneurship

Systems or eigeneering	Bases of production rechniclogy and transport technique repair	Process Control	Economies of firm and entrepreneurship	Fundamentals of robolies
execution of the control of the cont	The ability to determine the legal framework and legislation, trends in economic development of the Republic has deep homotogic an the field of intensing plots; and accent profines, socio-political and beautiful and articuture, historical and socio-political framinism in the workful to the General concepts and tracture, historical and socio-political stuntism in the workful to the General concepts and mathematical medes to such explorates. Deep homotogic and socio-political concepts and articuture, the realist of plots and the based of the realist of plots and socio-political methods are realistically and plots and situations, to analyze the results of plots actually also logical coperational. The ability to define the methods of descriptive generating applies required to extent methods. Actives and complexes meeting modern requirements of accuracy, efficiency, reliability, ose-effectiveness; the Ability to the development and profits articuture and several methods are the measurement. Accessing and remains and the series of measurement of precise agreement in the ability of the transportation process. Ability to use heavier measurement and an experiment and reader confirmed many and inchmination of the transportation process. Ability to use the hality to pervent and resolve confirmed and host and inchmination is a fall and inchmination of the transportation process. Ability to use the hality to prevent and resolve confirm in the organization of the transportation process. Ability to use the hality to prevent and resolve confirms in the ledge of metal and resolvents in the ledge of interestingual lateral and the legal basis of procedition and confirm in the adversary of processing and the sociation of gods and the desiration and confirme of pureatual lateral and the sociation of contrast forming of company to Know the basis confirmed of processing and confirmed of approximate and the substance governing the manufage of cargo from the social adjunction gods and member of the social and eventual principles of cou	Ability to develop dosign, technological, engineering and design estimates for the creation and repair of transport engineer (Circlia indestinating and making soft obtaines and exceptores for coasting, the flamming and implicate soft obtaines and exceptores for transport experiment and inchmolegial, design, an estimate in distribution, and experiment and exceptions, that gain an account confined to design, aesthetic, concurrie and other amentees Analysis of immovation efficiency of transport emergeries, application of management skills in immovative processes of transport equipment and technology.	To study the basic concepts of the laws of engineering mechanics, mechanics of materials, robotics and safety measures. To organize the production process, operation of MFP and manifectures of modern agricultural machinery with the introduction of innovative technologies and with the creation of business entities.	Possess knowledge of socio-humanitarian and economic disciplines, willingness to demonstrate a well Fundamentals of rebotics formed worldview, civic and moral position of a highly educated person with a broad outlook and a calculare of thinking. Demonstrate knowledge of natural science disciplines. The ability to explain, formulare and tase base unfeators for solving tasks, communication with other sciences and its practical significance.
The checking in materializes are adopted ways yet or the curryrise; Enterprise - an economic for enterprise, its competitiveness. Prediction resources of the curcyrrise; Enterprise - an economic for entry of the market, John Rose Computates, Small behaviours, Tanzion of status businesses, or "Organization and registeration of a behaviour for the properties of the computer, Status of the Against the computer, Business infrastructure, Marketing in the business system. Management in the activities of the enterprise; Management Motivation	Methods and functions of process countrol. The specifies of batch and continuous processes is an object of transgement. Methods of process countrol. The specifies of batch and continuous processes is as objects of transgement.  In the concept of countrol is a continuous processes is a chief of the continuous processes. It is a chief of the continuous processes is a chief of the continuous processes in the continuous pr	Regularities of formation of productivity and carrying capacity of means of service creamization of International control of the production of the productio	Formation of students knowledge and skills in designing and programming robots. To program the Tropics movement, to connect and program the robots response to sensors, the purpose of structural a and electronic parts of robotic designers, features of standard models of robots, the purpose of a sensors.	The concept of an enterprise as a subject and object of business sortivity. The products of the enterprise, its competitiveness. Production resources of the enterprise, Enterprise - an economic of entro of the market, Justine Assoc de comparied, Small businesses, Tackation of subhalb businesses, or Organization and registration of a business firm, Competition in the business system; Commercial for activities of the enterprise, Management Moftvation in the business system; Management in the activities of the enterprise, Management Moftvation
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years) trimester entrepreneurship	Process Control 42	Bases of production technology and transport technique repair	Fundamentals of Ol	Full-time Economics of fran (bachefor 4 and years) transster enterpreneurship
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