

MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH AUTOMOBILE AND ROAD INSTITUTE named after L.B.GONCHAROV
Faculty of "Road"

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KAZAKH
AUTOMOBILE AND
ROAD TRANSPORT
L.B.GONCHAROV
INSTITUTE



КАЗАХСКИЙ
АВТОМОБИЛЬНО-
ДОРОЖНЫЙ
ИНСТИТУТ
ИМ. Л.Б.ГОНЧАРОВА

"I APPROVE"
Rector
of L.B. Goncharov KazADI
R.A. Kabashev
from "26" 04 2022.

MODULAR EDUCATIONAL PROGRAM

Code and classification of training areas:	6B041 Business and Management
Code and name of the OP group:	B044-Management and Management
Code name of the OP:	6B04101 Economy
Level of training:	bachelor
Degree awarded:	Bachelor of Economics in the educational program "6B04101 Economics"

Almaty, 2022

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The modular educational program for the educational program "Economics" is compiled in accordance with the State Standard of Higher Education approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 604 "On approval of state mandatory standards of education at all levels of education" (with amendments and additions as of 07/23/2021); Classifier of training areas with higher education and postgraduate education approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated 13.10.2018 No. 569 (as amended on 05.06.2020); Professional standard: "Activities in the field of planning and analysis of company resources". Appendix No. 85 to the order of the Deputy Chairman of the Board of the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken" dated 26.12.2019 No. 263 and regulatory documents of KazADI.

Developers::

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The modular educational program was discussed at the meeting of the Department of Economics and recommended for approval.

Protocol No. 9 of "18" 04 2022



The modular educational program was reviewed at a meeting of the Educational and Methodological Council of KazADI and recommended for approval.

Protocol No. 10 of "19" 04 2022



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1. PASSPORT OF THE EDUCATIONAL PROGRAM

1.1 Explanatory note

Knowledge and professional skills are the key guidelines of the modern education system. Taking into account the new course "Kazakhstan - 2050", a modern university should ensure the development of the system of engineering education and modern technical specialties. Higher education should focus primarily on the maximum satisfaction of the current and future needs of the national economy in specialists.

The educational program has been developed in accordance with the following regulatory documents:

1. Strategic Development Plan of the Republic of Kazakhstan until 2025, approved by Decree of the President of the Republic of Kazakhstan No. 636 dated 15.02.2018;
2. The Law of the Republic of Kazakhstan "On Education" dated July 27, 2007 No. 319-III (with amendments and additions as of 08/28/2021).
3. Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 30, 2018 No. 595 "On approval of standard rules for the activities of educational organizations of appropriate types" (with amendments and additions as of 06/09/2021).
4. Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 604 "On approval of state mandatory standards of education at all levels of education" (with amendments and additions as of 07/23/2021).
5. Order of the Minister of Education and Science of the Republic of Kazakhstan dated April 20, 2011 No. 152 "On approval of the Rules of Organization
6. Professional standard: "Activities in the field of planning and analysis of the company's resources". Appendix No. 85 to the order of the Deputy Chairman of the Board of the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken" dated 26.12.2019 No. 263
7. Regulatory and legal documents of KazADI.

The educational program is implemented on the basis of license No. KZ59LAA00017181 dated October 11, 2019, issued by the Committee for Control in the Field of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan.

The educational program "Economics" is aimed at preparing bachelors with the award of the academic degree Bachelor of Economics under the educational program "6B04101 Economics" with a standard training period of at least 4 years.

The regulatory deadlines for the development of the educational program "Economics" in full-time education and qualification are as follows: on the basis of secondary general education – 4 years; on the basis of technical and vocational education - 3 years, on the basis of higher education - 2 years.

The mission of the educational program is to achieve the provision of high quality educational services in the field of higher education, leadership in the national space for training personnel in the educational program "Economics" through the implementation of the principles of the Bologna process and modern quality standards.

The task of the educational program is to provide conditions for:

- obtaining a full-fledged, high-quality education, professional competence in the field of economics, management and organization of production;

- acquisition of a high general intellectual level of development, mastery of literate and developed speech, humanitarian culture, high moral, ethical and legal norms, culture of thinking and skills of scientific organization of work;
- development of creative potential, initiative and innovation;
- continuation of education by students at the next stage of multi-level education;
- competitiveness of graduates in the labor market.

1.2 Terms and definitions

This educational program uses terms and definitions in accordance with the Law of the Republic of Kazakhstan "On Education", as well as terms adopted by the Kazakh Automobile and Road Institute named after L.B.Goncharov (KazADI):

Bachelor's degree is an academic degree awarded to persons who have mastered the relevant educational programs of higher education.

Type of professional activity – methods, methods, techniques, the nature of the impact on the objects of professional activity in order to change it, transform it.

The Dublin Descriptor is the European Higher Education Qualification Framework. Describes in a generalized form the learning outcomes for different skill levels. The descriptor system is invariant, i.e. it is not tied to a specific educational context, which facilitates the comparison of qualifications. The Dublin descriptors represent the agreed requirements for the assessment of learning outcomes at each cycle of higher education and can be applied

Credit unit (credit) is a measure of the labor intensity of an educational program.

Competencies – the ability to apply knowledge, skills and personal qualities for successful activity in a certain area.

A module is a set of parts of an academic discipline (course) or academic disciplines (courses) that has a certain logical completeness in relation to the established goals and results of education, training.

The direction of training is a set of educational programs of various levels aimed at training specialists for the relevant professional field.

The field of professional activity is a set of objects of professional activity in their scientific, social, economic, industrial manifestation.

The object of professional activity is the systems, objects, phenomena, processes to which the impact is directed.

Learning outcomes - acquired knowledge, skills and acquired competencies.

KazADI is a higher educational institution that:

- implements educational programs of higher and postgraduate professional education in a wide range of training areas;
- performs fundamental and applied scientific research on a wide range of sciences.

1. 1. DESCRIPTION OF THE EDUCATIONAL PROGRAM

The purpose of the educational program	The general objectives of the educational program are to prepare students with the knowledge and skills necessary for active participation in the industrial and innovative development of the National economy, ensuring the full integration of the Republic of Kazakhstan into the world economic space. The ultimate goal of the educational program is aimed at training highly qualified economists-analysts for the road and construction industries.
The map of the direction of training according to the educational program	
Code and classification of training areas:	6B041 Business and Management
Code and name of the OP group:	B044 Management and Management
Code and name of the educational program	6B04101 Economy
Qualification characteristics of the graduate	
Degree awarded	Bachelor of Economics
List of specialist positions	Bachelors of Economics in the OP "6B04101- – Economics" can hold positions of managers, specialists and other employees in the field of economics and statistics, finance and economic departments, analytical departments, enterprises and organizations of various industries and forms of ownership
Field of professional activity	<p>The spheres of professional activity are state bodies, institutions and organizations of all forms of ownership, management bodies of state regulation of the economy in the links of market infrastructure, research institutions.</p> <p>Bachelor of Economics in the OP "6B04101– Economics" can carry out analytical, research, organizational and managerial (administrative) and educational (pedagogical) activities in the following areas: study of the functioning of sectoral and regional markets, economic entities of various organizational and legal forms; improvement of the enterprise management system; formation of economic strategy and policy of enterprises; regulation of social-economic relations at the state, industry and intra-company levels.</p> <p>A bachelor in this OP should have a set of special theoretical knowledge and practical skills related to solving problems of an economic and organizational nature, the use of modern technologies, information processing, decision-making in a dynamically changing environment. Have sufficient theoretical training to solve practical problems and problems in non-standard situations, conditions of uncertainty toffee. A bachelor should be practically prepared for creative, active, professional and social activities, high-quality performance of practical tasks within the framework of economic and other managerial functions, have a theoretical understanding of the basics of the organization of production, the laws of the development of society, the economic behavior of people in the process of production, distribution, exchange and consumption of material goods and services</p>
Object of professional	The objects of the bachelor's professional activity in the OP "6B04101-- Economics" are economic, financial, marketing, production, economic and

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activity	analytical services of organizations and enterprises, regardless of their type of activity, form of ownership, categories of participants (residents and non-residents of the Republic of Kazakhstan), organizational and legal forms, state bodies of the republican and local levels; research institutes, educational institutions of primary vocational, secondary vocational, higher vocational education
Functions of professional activity	<ul style="list-style-type: none"> - participation in the development of state programs for the development of sectors of the national economy; - organization, planning and coordination of enterprise management activities and formation of its market strategy; - development of measures to improve the organization of the activities of all departments, including: planning, forecasting, cost management and logistics, logistics, sales; - ensuring the implementation of production programs, projects, and enterprise development strategies; - planning and implementation of foreign economic activity of economic entities; <ul style="list-style-type: none"> - planning the costs of maintaining the workforce, conducting analytical calculations on the organization and rationing of labor, improving the methods of calculating wages, and the distribution of the wage fund; - planning management, implementation of work on the examination of project, pre-project documentation in terms of its compliance with international standards; - implementation of economic analysis and interpretation of financial, accounting and other information contained in the statements of business entities and the use of the information obtained for making management decisions; - conducting analytical calculations based on standard methods and the current regulatory framework for fixed assets, inventory management, cost management; determining the economic efficiency of the enterprise; - economic justification and introduction of innovations in the field of tangible and intangible production; - control of all types of economic, organizational and managerial activities; - monitoring compliance with regulations and standards of rational use of natural resources and environmental protection
Types of professional activity	<ul style="list-style-type: none"> - organizational and technological; - production and management; - project; - scientific research; - educational (pedagogical)
List of competencies	<p>KK1: Possess knowledge about the main stages and patterns of the historical development of the state, show active citizenship, patriotism, respect and tolerance for the culture and traditions of the peoples of Kazakhstan.</p> <p>KK2: Is able to use language and speech means based on the system of grammatical knowledge of Kazakh, Russian and foreign languages to solve problems of interpersonal, intercultural and professional interaction.</p> <p>KK3: Develop their own moral and civic position. Know the requirements of professional ethics and willingness to act in accordance with these requirements, work in a team, finding solutions in standard situations.</p> <p>KK4: Be able to critically rethink the accumulated experience, change, if</p>

	<p>necessary, the type and nature of their professional activities.</p> <p>KK5: Possess the skills to acquire new knowledge and skills necessary for the implementation of professional activities, have high motivation to perform tasks, strive for self-development, professional development and professional skill growth.</p> <p>KK6: Carry out scientific research, project activities, use scientific methods and research techniques in a specific field of science.</p> <p>KK7: Demonstrate mastery of the culture of written and oral speech, the ability to present their position in a reasoned manner.</p> <p>KK8: Able to creatively apply the acquired theoretical and practical knowledge in professional activities.</p> <p>KK9: Know the basics of entrepreneurship, production and business management in order to obtain the expected results in a specific area.</p> <p>KK10: Able to show business and innovative activity in the intended area to solve the tasks.</p> <p>KK11: Possesses the conceptual apparatus and terminology in the field of economics, economic laws and categories; the skills of scientific approaches to the analysis of the current conceptual apparatus.</p> <p>KK12: He knows a systematic understanding of the structures and trends of the development of Kazakhstan and the world economy, understands the diversity of economic processes in the modern world, their connection with other processes taking place in society.</p> <p>KK13: Possesses methods of conducting technical and economic analysis of information capable of substantiating decisions made and implemented in the field of economics.</p> <p>KK14: Knows the use of mathematical methods and models in economics in the analysis and modeling of economic phenomena and processes, forecasting.</p> <p>KK15: He knows the basics of accounting and auditing, financial management, international economic relations, as well as the principles of making and implementing economic and managerial decisions.</p> <p>KK16: He knows the principles of the world and domestic economy, system analysis, is able to build and use models to describe and predict various phenomena, to carry out their qualitative and quantitative analysis.</p> <p>KK17: Has the skills of organizational structure, management methods and regulation of performance criteria in relation to the economy, as well as knowledge on the use of modern educational technologies.</p> <p>KK18: Is able to carry out the main functions and operations necessary for drawing up the economic sections of the plan, calculations, substantiate them and present the results of work in accordance with the standards accepted in the organization.</p> <p>KK19: It is able to systematize and analyze the initial data necessary for the calculation of economic and socio-economic indicators characterizing the activities of economic entities.</p> <p>KK20: He is able to calculate the methodology of the current regulatory framework, including the main socio-economic indicators characterizing the activities of economic entities.</p> <p>KK21: Possesses decision-making skills that are necessary in the process of developing a business plan, theoretical and experimental research in the field of economics, self-improvement of professional growth of a person with</p>
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	<p>diverse humanitarian and natural science knowledge and interests. KK22: Able to model based on the description of economic processes and phenomena to build</p>
<p>Результаты обучения</p>	<p>ON1: Apply scientific methods and techniques to study the modern history of Kazakhstan, as well as the entire socio-political cluster ON2: To use the ideological, civil and moral positions of the future specialist, applying information technology, knowledge of Kazakh, Russian and foreign languages and focused on a healthy lifestyle ON3: Demonstrate knowledge and skills in the field of marketing, management, economics, to meet career needs, acquire skills in working with legislation, develop analytical thinking skills for the possibility of using the tools of the legal mechanism in specific economic situations, the ability to think critically by analyzing situations, building and choosing professional solutions to eliminate problems ON4: Apply fundamental knowledge and skills in finance, accounting, auditing, statistics and analysis for professional growth and development of management solutions for the organization of companies' activities ON5: Have knowledge and skills in the field of methods of conducting economic research at macro and micro levels, evaluate modern processes and forecasts in the economy, as well as use mathematical methods and information technologies to solve economic problems ON6: Apply knowledge in the field of methods of economic analysis of the production and economic activities of the enterprise, assess the cost of developing investment and innovative projects, determine the assessment of the effectiveness of the enterprise and their financial condition ON7: Develop a planning methodology and use methods of functional strategies for enterprise development, apply methods of designing labor processes and labor rationing ON8: Apply the acquired knowledge to develop and implement solutions in business activities, and readiness to solve practical issues of economic activity of the enterprise and management organization</p>

**3. MATRIX OF CORRELATION OF LEARNING OUTCOMES ACCORDING TO THE
 EDUCATIONAL PROGRAM AS A WHOLE WITH THE COMPETENCIES BEING
 FORMED**

Competence code	ON1	ON2	ON3	ON4	ON5	ON6	ON7	ON8
KK1	+	+						
KK2		+						
KK3	+	+						
KK4	+	+						
KK5	+	+						
KK6		+						
KK7	+	+						
KK8		+						
KK9		+						
KK10		+						
KK11		+	+	+	+	+		
KK12			+	+	+	+		
KK13			+	+	+	+		
KK14			+	+	+	+		
KK15			+	+	+	+		
KK16			+	+	+	+		
KK17			+	+	+	+		
KK18						+	+	+
KK19						+	+	+
KK20						+	+	+
KK21						+	+	+
KK22						+	+	+

4. COMPETENCE MAP

General education competencies	Learning result
<p>KK1: Possess knowledge about the main stages and patterns of the historical development of the state, show active citizenship, patriotism, respect and tolerance for the culture and traditions of the peoples of Kazakhstan.</p> <p>KK2: Is able to implement the use of language and speech means based on the system of grammatical knowledge of Kazakh, Russian and foreign languages to solve problems of interpersonal, intercultural and professional interaction.</p> <p>KK3: Develop your own moral and civic position. Know the requirements of professional ethics and willingness to act in accordance with these requirements, work in a team, finding solutions in standard situations.</p> <p>KK4: Be able to critically rethink the accumulated experience, change the type and nature of their professional activities if necessary.</p> <p>KK5: Possess the skills to acquire new knowledge and skills necessary for the implementation of professional activities, have high motivation to perform tasks, strive for self-development, professional development and professional skill growth.</p> <p>KK6: Carry out scientific research, project activities, use scientific methods and research techniques in a specific field of science.</p> <p>KK7: Demonstrate mastery of the culture of written and oral speech, the ability to present their position in a reasoned manner.</p> <p>KK8: Able to creatively apply the acquired theoretical and practical knowledge in professional activities.</p> <p>KK9: Know the basics of entrepreneurship, production and business management in order to obtain the expected results in a specific area.</p> <p>KK10: Able to show business and innovative activity in the intended area to solve the tasks.</p> <p>KK11: Possesses the conceptual apparatus and terminology in the field of economics, economic laws and categories; the skills of scientific approaches to the analysis of the current conceptual apparatus.</p>	<p>ON1: Apply scientific methods and techniques to study the modern history of Kazakhstan, as well as the entire socio-political cluster</p> <p>ON2: To use the ideological, civil and moral positions of the future specialist, applying information technology, knowledge of Kazakh, Russian and foreign languages and focused on a healthy lifestyle</p>
Basic competencies	Learning result
<p>KK11: Possesses the conceptual apparatus and terminology in the field of economics, economic laws and categories; the skills of scientific approaches to the analysis of the current conceptual apparatus.</p> <p>KK12: He knows a systematic understanding of the structures and trends of the development of</p>	<p>ON3: Demonstrate knowledge and skills in the field of marketing, management, economics, to meet career needs, acquire skills in working with legislation, develop analytical thinking skills for the possibility of</p>

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<p>Kazakhstan and the world economy, understands the diversity of economic processes in the modern world, their connection with other processes taking place in society.</p> <p>KK13: Possesses methods of conducting technical and economic analysis of information capable of substantiating decisions made and implemented in the field of economics.</p> <p>KK14: Knows the use of mathematical methods and models in economics in the analysis and modeling of economic phenomena and processes, forecasting.</p> <p>KK15: He knows the basics of accounting and auditing, financial management, international economic relations, as well as the principles of making and implementing economic and managerial decisions.</p> <p>KK16: He knows the principles of the world and domestic economy, system analysis, is able to build and use models to describe and predict various phenomena, to carry out their qualitative and quantitative analysis.</p> <p>KK17: Has the skills of organizational structure, management methods and regulation of performance criteria in relation to the economy, as well as knowledge on the use of modern educational technologies.</p>	<p>using the tools of the legal mechanism in specific economic situations, the ability to think critically by analyzing situations, building and choosing professional solutions to eliminate problems</p> <p>ON4: Apply fundamental knowledge and skills in the field of finance, accounting, auditing, statistics and analysis for professional growth and development of management solutions for the organization of companies' activities</p> <p>ON5: Possess knowledge and skills in the field of methods of conducting economic research at macro and micro levels, evaluate modern processes and forecasts in the economy, as well as use mathematical methods and information technologies to solve economic problems</p> <p>ON6: Apply knowledge in the field of methods of economic analysis of the production and economic activities of the enterprise, assess the cost of developing investment and innovative projects, determine the assessment of the effectiveness of the enterprise and their financial condition</p>
Profiling competence:	Learning outcomes
<p>KK18: Is able to carry out the main functions and operations necessary for drawing up the economic sections of the plan, calculations, substantiate them and present the results of work in accordance with the standards accepted in the organization.</p> <p>KK19: It is able to systematize and analyze the initial data necessary for the calculation of economic and socio-economic indicators characterizing the activities of economic entities.</p> <p>KK20: He is able to calculate the methodology of the current regulatory framework, including the main socio-economic indicators characterizing the activities of economic entities.</p> <p>KK21: Possesses decision-making skills that are necessary in the process of developing a business plan, theoretical and experimental research in the field of economics, self-improvement of professional growth of a person with diverse humanitarian and natural science knowledge and interests.</p>	<p>ON6: Apply knowledge in the field of methods of economic analysis of the production and economic activities of the enterprise, assess the cost of developing investment and innovative projects, determine the assessment of the effectiveness of the enterprise and their financial condition</p> <p>ON7: Develop a planning methodology and use methods of functional strategies for enterprise development, apply methods of designing labor processes and labor rationing</p> <p>ON8: Apply the acquired knowledge to develop and implement solutions in business activities, and readiness to solve practical issues of economic activity of the enterprise and management organization</p>

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<p>KK22: He is able to model, based on the description of economic processes and phenomena, to build standard theoretical and econometric parameters, to analyze and interpret the results obtained meaningfully, as well as to make managerial decisions.</p>	
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5. MAP OF THE TRAINING MODULE

Module name	Competencies	Learning outcomes
General education disciplines		
MIT – Information Technology Module	KK5, KK6	ON2
MPP - Multilingual Training Module	KK2, KK5, KK7, KK9, KK10, KK11	ON2
MSPZ - Module of socio-political knowledge	KK1, KK3, KK4, KK7	ON1, ON2
MFP – Physical Training Module	KK3, KK4, KK5	ON2
MS - Module in the specialty	KK11, KK12, KK13, KK14, KK15, KK16, KK17	ON2
Basic disciplines		
MPP - Multilingual Training Module	KK2, KK5, KK7, KK9, KK10, KK11	ON2
MS - Module in the specialty	KK11, KK12, KK13, KK14, KK15, KK16, KK17	ON3, ON4, ON5, ON6
PM -Entrepreneurial modules	KK18, KK19, KK20, KK21, KK22	ON5, ON6
MIT – Information Technology Module	KK5, KK6	ON5, ON6
Profile disciplines		
MS - Module in the specialty	KK11, KK12, KK13, KK14, KK15, KK16, KK17	ON7, ON8
PM -Entrepreneurial modules	KK18, KK19, KK20, KK21, KK22	ON6, ON8
Дополнительные виды обучения		
MDO – Module of additional training	KK1, KK3, KK9, KK10, KK11	ON1, ON2

6. INFORMATION ABOUT THE DISCIPLINES OF THE EDUCATIONAL PROGRAM

№	Name of the discipline	Brief description of the discipline (50-60 words)	Number of credits	Generated learning outcomes (codes)
Cycle of general education disciplines - 56 Mandatory component of OOD – 51 credits				
1.	Modern history of Kazakhstan	The discipline is aimed at objective historical knowledge about the main stages of the history of modern Kazakhstan; to direct students' attention to the problems of formation and development of independent statehood in Kazakhstan, spiritual culture, continuity and continuity of ethnogenesis; to bring to the consciousness of students the essence of fundamental problems of history, to teach them scientific methods of historical cognition, to form their scientific worldview and civic position.	5	ON1
2.	Philosophy	The discipline is aimed at studying the updated content of the general education discipline "Philosophy", the formation of students' openness of consciousness, understanding of the national code and self-awareness, spiritual modernization, competitiveness, realism and pragmatism, independent critical thinking, the cult of knowledge and education, the skill of applying in practice the key ideological concepts of "justice", "dignity" and "freedom", the development and strengthening of the values of tolerance, intercultural dialogue and world culture.	5	ON2
3.	Foreign language	The English language course has a communicative and professionally oriented character and its tasks are determined by the communicative and cognitive needs of specialists; it promotes the stimulation of the intellectual and emotional development of the student's personality, his preparation for the perception of foreign culture and familiarization with universal values, possession of the skills of using a foreign language orally and in writing in the field of professional communication	10	ON2
4.	Kazakh (Russian) language	Students, forming and improving speech skills and abilities, developing creative and intellectual abilities, master additional in relation to Kazakh (Russian) the language is a means of communication and receive a deep and high-quality professional education. In the process of teaching, students learn methods and techniques of various text analysis, use a system of subject and language knowledge to solve problems of educational and professional communication.	10	ON2
5.	Information and communication	ICTs involve the use of many modern information processing devices. ICTs have become the basis	5	ON2

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	technologies (in English.language)	for the creation of the infosphere.The development of computer systems has made it possible to create and develop a planetary infrastructure connecting all of humanity. ICT can be understood as a given sequence of operations for collecting, entering, transmitting, storing, ordering, sorting, searching, processing, converting, displaying and distributing information carried out in an information system based on the use of computer hardware and software resources.		
6.	Physical Culture	The discipline forms knowledge in the field of conditions for the preservation and strengthening of human health, including planning activities aimed at preserving and strengthening health, compliance with occupational safety and health requirements in the process of physical education, compliance with sanitary rules and norms for the conditions of organization of physical culture and wellness work, conducting physical culture and wellness and educational and methodological work. The discipline is aimed at the development of physical qualities, the formation of a healthy lifestyle culture	8	ON2
University component OOD – 5 credit				
7.	Module of socio-political knowledge (political science, sociology, cultural studies, psychology)	The discipline forms a complex of interrelated knowledge in the field of theoretical and methodological foundations of psychology, cultural studies, sociology and political science, develops a cultural and value attitude to them, disciplines develop the skill of analysis and the ability to assess professional problems taking into account psychological, cultural, sociological and political aspects. The module of socio-political knowledge is designed to form the ability to critically understand the system of interpersonal relations in society, contributes to the formation of a socio-humanitarian worldview.	8	ON1, ON2
Компонент по выбору – 5 кредитов				
8.	Fundamentals of Economics and Law	The discipline is aimed at revealing the actual problems of two sciences - economics and law: the development of economic theory and various concepts of the market system of management in relation to the Kazakh reality, methodological and practical aspects of economic growth, social policy of the state, the foundations of the legal system and legislation of Kazakhstan, business ethics, legal foundations of banking and exchange activities, property relations and real estate, budget and taxes etc .		ON3
9.	Transport law	The discipline is aimed at familiarizing students with the legal content of the conceptual apparatus of transport law. Particular attention should be paid to the variety of types of vehicles and	5	

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		transportation contracts at the present stage of development of society and the state, the study of legislative, regulatory documents in the field of transport and transportation, attention is paid to the duties and rights of drivers, the basic principles and features of motor transport legal relations are studied; regulations, their content and rules of use.		
Cycle of basic disciplines - 112 University component – 49 credits				
10.	Professionally-oriented foreign language	The program focuses on both final and intermediate learning goals and objectives, the structure of the course, and also specifies the language and thematic material and types of tasks and exercises recommended at different stages of the educational process. The discipline is based on the principle of professional and communicative orientation; the use of authentic communication situations; the development of spontaneous reaction skills in the process of communication; the formation of psychological readiness for real foreign language communication in various situations	5	ON2
11.	International economy	The discipline is aimed at the formation of theoretical knowledge, skills and practical skills in the field of international economics, forms, methods and mechanisms for the implementation of international relations. The discipline is designed to study the patterns of interaction of economic entities of different countries in the field of international production, exchange of goods and services, the formation of exchange rates and international economic policy of states. The study of international economics is becoming particularly relevant in the context of the globalization of commodity and financial markets.	5	ON3, ON5
12.	Mathematics in Economics	The discipline aims to familiarize students with the basics of the mathematical apparatus for building mathematical models necessary to solve theoretical and practical problems of economics, to instill in students the ability to independently study educational literature on mathematics and its applications. The discipline forms knowledge and skills to apply mathematical methods to solve professional economic and managerial problems; skills and abilities of independent analysis of economic problems research.	3	ON5
13.	Management	The discipline is aimed at mastering knowledge in the field of management and acquiring skills in applying the best management practices. The discipline considers the main range of issues related to the theory and practice of management. This course reveals the content of management, forms a set of knowledge about the basic	5	ON3, ON4

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		principles and methods of modern management, its role in ensuring the vital activity and competitiveness of the organization, develops specific skills for various types of management activities.		
14.	Economic theory	The discipline "Economic Theory" is focused on the formation of students' scientific economic thinking, which they will be able to use for independent application. The discipline studies the basic concepts, categories, laws and patterns, fundamental problems of the functioning of the economy, the evolution of socio-economic development of society, patterns of individual reproduction and reproduction at the level of the national economy and the world economy. The discipline contributes to the education of economically competent specialists who are able to think independently and make responsible decisions.	5	ON3, ON5
15.	Microeconomics	The discipline is aimed at mastering the basic methods of microeconomics, microeconomic models for an objective assessment of the behavior of market economy subjects and their successful self-realization in the business environment. Familiarization of students with the conceptual foundations of microeconomics as a modern fundamental science of the behavior of individual economic entities, the formation of economic thinking, the development of skills for generalization and analysis of socio-economic information, abilities for fundamental and applied economic analysis.	6	ON3, ON5
16.	Macroeconomics	Macroeconomics is a branch of economic theory that examines the patterns of interaction between aggregated values of the general level of prices and unemployment; consumption and investment. The discipline is aimed at studying the principles, methods of macroeconomics, basic macroeconomic models in order to objectively assess the effectiveness of economic policy. This discipline examines the national economy as a whole. The analysis materials are used in the development of state economic policy.	5	ON3, ON5
17.	Marketing	The discipline "Marketing" is aimed at studying the methodology of marketing research, the study of the commodity and pricing policy of the enterprise, the policy of forming a sales network, the development of advertising and means, sales promotion, consideration of the theoretical foundations and categorical and conceptual apparatus of marketing, the main types and elements of marketing activities. The discipline is focused on the formation of practical skills for the application of elements and principles of	5	ON3

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		marketing in the activities of firms and companies.		
18.	Statistics	The discipline is aimed at studying the statistical methodology of economics: general principles, techniques, methods of collecting, systematizing, processing analysis of statistical data, studying patterns and trends in the development of mass social phenomena and processes, their quantitative characteristics, also considering cost indicators in the field of production, methodology for calculating indicators of living standards. The discipline is focused on the study of statistical modeling and forecasting, the organization of statistical information; the formation of practical skills to analyze statistical indicators.	6	ON3, ON4, ON5
19.	Educational practice	Educational practice is a necessary component of the educational process and is aimed at preparing bachelors in the OP "6B04101 Economics". The educational practice is designed to consolidate the theoretical knowledge gained in the learning process. The educational practice is conducted on the basis of the graduating department, where the issues of the sphere of professional activity of the future specialist are considered and studied, to get acquainted with the brief content of the studied basic and profile disciplines, as well as the issues of practical training.	1	ON3, ON4
20.	Production practice1	Industrial practice is an essential part of the training of qualified specialists and is conducted in accordance with approved curricula and programs. Industrial practice is aimed at consolidating the knowledge gained in the learning process, acquiring practical skills and mastering best practices. During the period of practical training, students study the work experience of organizations where they practice and take part in the economic and managerial activities of the organization.	3	ON5, ON6
Component of choice – 63 credits				
21.	State regulation of the economy	The discipline aims to teach future specialists to make managerial decisions, analyze the state of the economy in the country and its individual regions, analyze macroeconomic indicators, find ways to introduce innovations in the development of the country's economy. To form an idea about the peculiarities of state regulation, about the justification of the need for state intervention in the economy in a market economy. The discipline examines the essence of the ongoing processes in the economy and the corresponding actions of the state with their assessment.		
22.	State and local government	The discipline "State and local Government" is aimed at forming students' holistic understanding of state and local government as a form of	5	ON3, ON4, ON5

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		management of the municipal sector of public economy; methods, technologies and mechanisms of state and local government. The discipline defines the sources of formation and use of financial resources of local self-government, the reform of the system of distribution of expenditure obligations, the budget and the effectiveness of the public administration sector.		
23.	Risk management	Risk management is a modern science of organizational and production-economic relations in the field of business, the possibilities of applying scientific approaches in practice, as well as the mechanism of making managerial decisions taking into account risk and uncertainty in the field of business organization, own business, in priority areas of entrepreneurial activity. To prepare them for creative research of risk management problems, development of necessary skills of analysis of scientific concepts		
24.	Financial risk management	Provide theoretical and practical training in mastering financial categories of financial risk management based on understanding the relationship and interaction of forms and methods of organizing financial relations in the organization of financial risk management, methods of their application at various stages of socio-economic development of the company. Study of hedging strategies for practical application, development of analytical thinking skills in relation to mathematical modeling in the assessment of financial risks of companies	5	ON5, ON6
25.	Accounting and auditing	The discipline is aimed at studying the principles and methods of accounting, the essence and place of audit in the control system, familiarization with the organization and technology of audit. This discipline examines and studies aspects of accounting and auditing: accounting concepts and principles, qualitative characteristics of accounting information and reporting elements, characteristics of accounting accounts; ways to correct errors in accounting; as well as the basics of auditing		
26.	Accounting and auditing in transport	This discipline is focused on familiarizing students with the methodology of accounting and auditing in transport organizations, accounting in accordance with the requirements of legislative acts and regulations and international standards. The discipline will allow you to understand and study the features of accounting, audit and its subsystems in the management system of a transport organization, to study the principles and methods of accounting, organization and	5	ON4

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		technology of audit.		
27.	Finance	The discipline is aimed at mastering the theoretical and practical foundations of finance at the macro and micro levels. Formation of students' general understanding of the content and essence of the financial system, the organization of financial relations and the basics of financial management. The discipline is focused on acquiring practical skills in analyzing modern problems in the field of finance, as well as solving problematic situations in the field of finance.		
28.	Finance of the transport industry	The discipline is aimed at studying the problems of formation, distribution and use of financial resources of transport enterprises, solving specific financial and economic problems in the field of financial activity of the enterprise. The discipline is focused on the consideration and analysis of the specifics of the organization of transport finance, as well as the features and principles of the organization of transport finance. The study of this discipline allows you to analyze the financial system of transport enterprises, financial flows, the financial system of the transport industry	5	ON4, ON6
29.	Industry management	The discipline is aimed at studying the maximum increase in production efficiency, the quality of products and services that ensure the sustainable competitiveness of the enterprise in the market, as well as the material interest of the company's employees. Since industry management is part of a single management method, the purpose of which is to increase the efficiency of supply and demand management, profitability is the main indicator of activity		
30.	Management at motor transport enterprises	The discipline is aimed at studying the automotive industry, using the knowledge gained in the learning process to make managerial decisions taking into account economic, social, technical and other factors in conditions of uncertainty. Management of motor transport enterprises is associated with the organization, planning, management of the activities of motor transport enterprises, with the acquisition of knowledge and use of modern methods of management theory, comprehensive consideration of the prospects for the development of production, taking into account the specifics of the activities of its divisions	5	ON3, ON4
31.	Regulation of the road and construction services market	The discipline is aimed at studying the specifics of the functioning of the road and construction services market, regulatory documents regulating road and construction services and to provide knowledge of the regulation of the road and construction services market, where quantitative and qualitative assessments of these services are		

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		required. The discipline is focused on the acquisition by students of deeper, specialized knowledge about the laws, directions, features, processes of development and regulation of the market of road and construction services.	5	ON5, ON6
32.	Regulation of the transport services market	The discipline is aimed at forming students' understanding of the state regulation of transport activities, the application of licensing, the procedure for obtaining a license, the implementation of transport control, the functions of state executive authorities in the field of transport. The discipline is designed to gain theoretical knowledge and practical skills about the methods of state regulation of transport activities, about the place of licensing in the system of state regulation, about the legal regulation of admission to the transport services market.		
33.	Economic analysis of the activities of road construction enterprises	The discipline is aimed at developing students' analytical thinking, skills in studying economic phenomena and processes, their interrelation and interdependence, to teach them to master special methods and techniques of economic analysis of the activities of road construction enterprises to solve economic, technological, organizational and technical problems and tasks for managing their financial and economic activities. The methods of economic analysis, analysis of the economic condition of the enterprise in order to substantiate management decisions are considered.		
34.	Industry economic analysis	The discipline is aimed at developing students' analytical thinking, skills in studying the essence of economic phenomena and processes, their interrelation and interdependence, studying the specifics of analyzing activities in various sectors of the economy, such as the road industry, construction, industry, agriculture, trade, and transport, studying special methods and techniques of economic analysis to solve economic problems and tasks related to the management of financial and economic activities of enterprises in economic sectors.	6	ON4, ON5, ON6
35.	Pricing and determination of estimated cost in construction	The discipline "Pricing and determination of estimated cost in construction" is aimed at preparing students for active creative and professional activities in the field of estimated rationing in construction, obtaining practical skills in drawing up, analyzing and using estimated documents for construction under the current pricing system. The discipline examines the basics of the theory of pricing in construction, its practical application in real estate valuation, methodology for the use of estimate documents.	5	ON5, ON6
36.	Pricing in industries	This discipline is aimed at obtaining a set of		

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		knowledge for a comprehensive and in-depth understanding of the basic principles of pricing; mastering the essence of pricing in relation to economics and management in industries. The ultimate goal is to form students' theoretical knowledge and practical skills for solving applied problems in the field of pricing in industries, the ability to choose pricing tactics and enterprise strategy.		
37.	Digital data analysis technologies	The discipline is aimed at the formation of bachelors' practical skills in the use of information processes, digital technologies and applied programs of general and special purpose, statistical data processing in education, professional activity and research work. Digital data analysis technologies combine methodologies from traditional economic sciences with computer sciences, opening up new opportunities for data collection and visualization, information retrieval, and data mining.	5	ON5, ON6
38.	Information support of motor transport systems	The discipline is aimed at developing students' professional knowledge and skills necessary for managing the technical operation of cars, including market and production analysis, modern methods of making managerial decisions using modern information technologies, familiarization and acquisition of skills in using new information technologies. The purpose of studying the discipline is to study the principles of building and using modern information technologies on a motor vehicle system.		
39.	Features of leasing operations in road and construction enterprises	The discipline is aimed at studying the specifics of the leasing operations market in road and construction enterprises, its institutional basis, characteristics of the main participants, the sources of the positive effect obtained through leasing in road construction enterprises are revealed. The models for assessing the effectiveness of leasing, the current state and immediate prospects for the development of leasing are reviewed. The purpose of the study is to form a system of knowledge and practice in the field of leasing activities in road and construction enterprises.	6	ON5, ON6
40.	Leasing in industries	The discipline is aimed at studying the economic essence, concepts, types and operations of leasing, as well as its possible role in strengthening the economy of production, studying the terms of the lease agreement and clarifying the economic mechanism of leasing activities in industries. The purpose of the study is to form a systematic and comprehensive understanding of the possibilities of using leasing forms of financing long-term assets in industries in the conditions of the modern		

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		Kazakh economy.		
41.	Strategic planning	The discipline is aimed at the formation of competencies: the ability to apply various analytical tools in the process of planning, organizing, evaluating the results of professional activity. the ability to carry out strategic management in the interests of society and the state, including setting socially significant goals, formulating conditions for their achievement, organizing work to obtain the maximum possible results. ability to develop strategic, current and operational control systems.	6	ON5, ON6
42.	Strategy of activity of transport enterprises	The discipline is aimed at studying the problems of economic strategies of transport enterprises during the development of market relations. The resource concept of enterprises is presented. An idea is given about the fundamentals of the theory of competitive advantage as a conceptual basis for determining the global and local goals of the economic strategy of transport enterprises. The main components of the economic strategy, strategic approaches to enterprise management as an important condition for ensuring the efficiency of the transport enterprise are considered.		
43.	Labor market economics	The discipline is focused on the study of the economic theory of the labor market. The following main aspects are analyzed: labor supply and demand for labor, employment and unemployment, labor quality and labor mobility, policies of firms in the field of formation of wage systems. The application of theoretical models for solving specific socio-economic problems in the field of labor regulation and employment of the population, as well as in the field of intra-company labor relations is considered.	5	ON5, ON6
44.	Labor market in transport	The discipline is focused on the formation of students' ideas about the peculiarities of the functioning of the labor market, general ideas about the level of employment and unemployment of the able-bodied population, as well as the ability to build a personnel management system of the company, taking into account the specifics of the situation in the labor market, its specific segments and taking into account the specifics of the mechanism of functioning of the external and internal labor market in transport		
Cycle of profile disciplines – 60 credits University component – 28 credits				
45.	The economy of the enterprise	The discipline "Enterprise Economics" is aimed at providing methodological assistance in mastering the theoretical knowledge and practical skills of enterprises of effective entrepreneurial activity in a competitive multi-layered management system. "Enterprise economics" is an economic discipline,	5	ON7, ON8

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		the subject of which is the activity of the enterprise, the process of developing, making economic decisions, as well as the dialectical method. The activity of an enterprise in a competitive market environment, the process of developing and making effective business decisions is studied.		
46.	Entrepreneurship	The discipline is aimed at forming a systematic understanding of the essence and features of entrepreneurial activity and to study the basics, forms and methods of organizing entrepreneurial activity, to learn how to use the knowledge gained to optimize economic activity at an enterprise of any form of ownership. The purpose of studying the discipline is to teach students the theoretical foundations and practical skills of organizing entrepreneurial activities of enterprises in a competitive environment	6	ON7, ON8
47.	Production practice 2	The production practice is focused on the acquisition of skills of professional production (practical) activity and the consolidation of theoretical knowledge gained during training. The main result of this work is an internship report, which contains all the results of the students' activities during the internship period. The main purpose of writing a practice report is to present the completed tasks in a meaningful form.	5	ON8
48.	Pre-graduate practice	Pre-graduate practice of students is one of the most important sections of the educational process and represents the final stage of Bachelor of Finance preparation. Pre-graduate practice, according to its purpose, should not only deepen and consolidate the knowledge of students, but also is the beginning of the professional work of students in their future specialty. Pre-graduate practice is conducted at the graduation course for students who, according to an individual plan, perform tasks for graduation work and a report.	12	ON8
Optional component – 32 credits				
49.	Organization of rationing and remuneration of labor at the enterprises of the industry	The discipline is focused on the development by students of modern approaches to the organization and rationing of labor, types and methods of calculating labor asset standards, forms and systems of remuneration, skills of practical application of legislative acts in the organization of labor at the enterprise of the industry. The purpose of the study is the formation of theoretical knowledge and practical skills capable of effectively solving complex tasks in the field of organization and technical regulation of labor at the enterprise of the industry	5	ON7
50.	Remuneration of personnel in motor transport and construction	The discipline is aimed at studying the methodological foundations of the organization of staff remuneration, the development of an		

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	organizations	effective remuneration system in a motor transport and construction organization. The forms and systems of remuneration of labor, the structure of wages in a motor transport and construction organization, the tariff system of remuneration in a motor transport and construction organization, the specifics of remuneration of various categories of personnel in a motor transport and construction organization are considered.		
51.	Business organization in road construction organizations	The discipline is focused on the formation of students' knowledge in the field of theory and practice of business organization in road construction organizations, training in methods of assessment and management of business processes, methods of assessment and forecasting, as well as to carry out procedures for state registration of the creation and liquidation of a business entity; to develop the structure and content of a business development plan. The purpose of the discipline is to form students' instrumental, socio–personal, systemic and subject competencies in the field of business organization.	5	ON7, ON8
52.	Valuation of the enterprise	The discipline is focused on the study of principles and factors affecting the value of business, mastering the methodology of fundamental analysis of cost factors; analysis of business value management methods; knowledge of effective decision-making methods for assessing the value of business in market conditions, understanding the nature of the company as a complex dynamic system in a changing economic environment. The purpose of the study is to provide future economists with theoretical knowledge and practical skills of evaluation activities		
53.	Economics in industries	The discipline is focused on the study and research of methodological, methodological and scientific-applied issues of the sectoral economy, as well as its functioning in modern market conditions and competition on a national and international scale, including regulatory, economic, organizational and technological support of these processes. The purpose of the study is the formation of students' competencies that provide them with the opportunity to solve theoretical and practical problems within the framework of work in the real sector of the economy.		ON7, ON8
54.	Economy in transport	The discipline is aimed at studying the economic activity of motor transport enterprises and the basics of management in market conditions, to get acquainted with the essence of a transport enterprise as an economic object, its place and role in the system of the national economy. The	5	

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		methodological foundations of the economy of transport enterprises, types of analysis of production and economic activities, the ability to find reserves for improving the efficiency of transport enterprises and to carry out a feasibility study of implemented measures are studied.		
55.	Organization of production at the enterprises of the industry	The discipline is focused on the study of the basic theory of organization, planning and management of production systems and is designed to form knowledge and skills in the field of production organization at industry enterprises and ensuring the effective functioning of production systems. The purpose of the study is the formation of theoretical knowledge and practical skills in the organization of production at the enterprises of the industry, the ability to independently develop economically sound decisions, predict the consequences of decisions made		ON8
56.	Organization of production in transport	The discipline is focused on studying the interrelation of the most important issues and factors of the science of the organization of production in transport, ensuring the effective functioning of the enterprise – the primary link of material production, which contributes to the acquisition of theoretical and practical knowledge by students. The purpose of the discipline is to form students' complex of knowledge and skills of practical organization of production processes at transport enterprises, occupies a leading place in the process of training a specialist for the transport industry	6	
57.	Economic assessment of investments in construction	The discipline is aimed at studying theoretical and practical developments of domestic and foreign scientists and economists, legislative and regulatory acts of public administration bodies on the regulation of investment activity in construction, basic methods of evaluating the effectiveness of investments, sources of financing of investment projects. The purpose of studying the discipline is to form theoretical knowledge and practical skills in the field of economic evaluation of investments in construction for future bachelors of finance.		ON6, ON8
58.	Valuation of machinery, equipment and vehicles	The discipline examines modern theoretical and instrumental concepts of evaluation of machines, equipment and vehicles. The discipline is aimed at developing the ability to evaluate objects and make decisions in constantly changing market situations, mastering modern theory and practice in the field of evaluation of machinery, equipment and vehicles, using evaluation methods, acquiring skills in calculating wear, market, etc. types of cost of objects	5	
59.	Project management	The discipline is aimed at studying the basics of		

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		the science of "project management" as the art of leadership, coordination of human and material resources throughout the life cycle of a project by applying modern management methods and techniques to achieve results in terms of composition and scope of work, cost, time and quality. Application of project management methodology to project implementation. The purpose of the discipline is to form students' basic knowledge about project management technology, organization of work	6	ON7, ON8
60.	Project management in transport	The discipline is focused on the formation of students' modern fundamental knowledge in the application of universal methods and tools used to solve problems in various projects, as well as the formation of knowledge about the patterns inherent in project management in transport. The purpose of the study is the formation of a future specialist's thinking that allows him to master the principles of decision-making when developing transport projects, instilling management skills when choosing design options.		
IGA				
61.	Writing and defending a thesis (project) or preparing and passing a comprehensive exam	A thesis is a written graduation paper that is performed at the final stage of training. The main tasks of performing and defending the thesis are: collection, processing and generalization of practical material on the topic of the thesis, analysis of statistical data and practical material on the topic of pre-graduate research, formulation of conclusions, patterns, recommendations and suggestions on the topic of the thesis, design of the thesis and report in accordance with the established requirements.	12	ON8
Total 240				
Additional type of training				
62.	Price "Mangilik El". Spiritual revival.	Large-scale transformations are accompanied by the modernization of public consciousness, which involves the transformation of learning based on a problem-based approach. The knowledge gained in the study of the modern history of Kazakhstan contributes to understanding the dynamics of the development of the historical process and forms value orientations for ethnic, social, cultural self-identification in the surrounding world. The discipline is aimed at forming students' scientific worldview and civic position, studying the formation and development of independent statehood in Kazakhstan.	2	ON1, ON2
63.	Fundamentals of anticorruption culture	The course "Fundamentals of anti-corruption culture" contains conceptual categories concerning the crime of corruption and all corruption phenomena encountered in the practice of public relations, which allows students to have	2	ON2

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		an idea about the anti-corruption culture of workers and residents of the Republic of Kazakhstan, contributes to understanding the relevance of the problem of combating corruption by each member of society for the prospects of development of the state and society in modern times.		
64.	Legal foundations of entrepreneurship	The discipline is aimed at studying the legal and legislative foundations of entrepreneurship, the essence of entrepreneurship, its classification, subjects and objects of entrepreneurial activity, organizational and legal forms of entrepreneurial activity, creating your own business, the procedure for creating an enterprise, business partnerships, the concept, purpose and classification, business planning, its essence, goals, objectives, main types and types business plans, structure, functions and content of sections of the business plan.	3	ON2