


«K.Kulazhanov Kazakh University of Technology and Business» JSC	EP 26/01-18-2025	
Educational program	Edition 4	

EDUCATIONAL PROGRAM

6B04110 Economy

code and name of the educational program

Level: bachelor

Approved



Board of Directors of JSC

«K.Kulazhanov KazUTB» «02»09 2025

protocol No. 5


Recommended

Academic Council of JSC

«K.Kulazhanov KazUTB» «28»05 2025


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Preface

The educational program «6B04110 Economy» was developed in accordance with the State Compulsory Standard of Higher Education / Postgraduate Education, approved by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated July 20, 2022 No. 2, as well as on the basis of professional standards «Planning and analysis of company's resources» December 26, 2019, No. 263, «Project management» December 26, 2019, No. 263.


The educational program «6B04110 Economy» was approved at the meeting of the Council on Academic Quality on « 27 » 03 2024, protocol No. 4


Chairman L.K. Baibolova 

The educational program «6B04110 Economy» was approved at the meeting of the Commission on Academic Quality of the Faculty on « 20 » 12 2024, protocol No. 3

Chairman K.S. Mustafayev 

The educational program «6B04110 Economy» was developed and discussed at the meeting of the department «Economics and management » dated « 19 » 12 2024, protocol No. 5

Head of the department M.K. Makysh 


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1 Passport of the educational program

International Standard Classification of Education (ISCED) level	6
National Qualification Framework (NQF) level	6
Sectoral Qualifications Framework (SQF) level	6
Code and name of the field of education	6B04 Business, Management and Law
Direction of training	6B041 Business and Management
Number and name of the group of educational programs	B046 Finance, economics, banking and insurance
Code and name of the educational program (EP)	6B04110 Economy
Educational program profile	Higher economic education
EP purpose	Implementation of education based on a competence-based approach and multilingualism, the use of innovative learning technologies. Preparation of bachelors who are competitive in the labor market, who have an idea of the financial and economic problems of the functioning of enterprises, who are able to analyze the activities of economic objects, who have the knowledge necessary in the rapid innovative development of the economy that accompanies modern business processes.
Completion criterion of an educational program	At least 240 academic credits, including all types of student's academic activities
Language of instruction of the educational program	russian, kazakh
Distinctive features of the educational program	-
Partner University	-

2 Qualification characteristics of a graduate of an educational program

Degree awarded	Bachelor of Business and Management in the educational program «6B04110 Economics»
Field of professional activity	<ul style="list-style-type: none"> - economic, financial, marketing, production-economic, and analytical departments of enterprises and organizations across various industries and forms of ownership; - government and quasi-government bodies, public administration, and local self-government authorities; - consulting and expert services in the socio-humanitarian sphere; - innovative and project activities in the field of regulation and development of economic processes; - foreign economic and logistics activities.
Types of professional activities	<ul style="list-style-type: none"> - organizational and technological activities; - economic and financial calculation activities; - production and managerial activities; - project-based activities; - analytical activities; - research activities.

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Object of professional activity	enterprises of all forms of ownership and organizational-legal forms; structural production and functional units of enterprises; public and local government bodies; financial, marketing, economic, and analytical departments; project and consulting organizations; foreign economic activity organizations; educational institutions and research institutes; infrastructure facilities, environmental protection, and sustainable natural resource management entities.
Functions of professional activity	<ul style="list-style-type: none"> - collection and processing of primary data on the financial and economic activities of organizations; - participation in the development and implementation of state and sectoral development programs; - ensuring the implementation of production programs, development strategies, and investment projects; - conducting calculations of economic efficiency based on standard methodologies and current regulatory frameworks; - planning, forecasting, and managing resources, costs, procurement, logistics, and sales; - formation and development of the enterprise's market strategy; - improvement of wage systems, labor standards, and efficiency enhancement mechanisms; - organization and support of foreign economic activity; - participation in the evaluation of project and pre-project documentation for compliance with requirements and international standards; - preparation of financial and economic reports of the enterprise.


3 Requirements for the content of the educational program

Name of cycles and disciplines	Workload in academic credits
Cycle of general education disciplines (GED)	56
Required component	51
University component	5
Cycle of basic disciplines (BD)	89
University component	37
Component of choice	50
Professional practice	2
Cycle of major disciplines (MD)	87
University component	10
Component of choice	60
Professional practice	17
Final assessment	8
Total	240

4 Additional educational programs (minor)


4.1 Minor «Modern aspects of artificial intelligence application»

Name of disciplines	Workload in academic credits
Introduction to Artificial Intelligence	5
Development of artificial neural networks	5
Artificial intelligence in object management	5
Total	15

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5 Competency map of the educational program «6B04110 Economy»

Competence map of the educational program	Learning outcome code	Learning Outcome (according to Bloom's Taxonomy)
Behavioral skills and personality traits (Softskills)	GEC1	Forms a system of general competencies that ensure the socio-cultural development of the future specialist's personality, based on the formation of their worldview, civic, and moral stance, oriented towards a healthy lifestyle.
	GEC2	Capable of communication in both oral and written forms in Kazakh, Russian, and foreign languages to solve tasks related to interpersonal, intercultural, and professional communication
	GEC3	Promotes the development of information literacy through the mastery and use of modern information and communication technologies in all areas of activity.
	LO1	Applies economic, legal, and financial tools to make informed decisions, develop projects, and organize professional activities
	LO2	It uses the tools of economic theory, micro, macro, and international economics, and scientific research methods to analyze the impact of internal and external factors on the effectiveness of an organization
Digital competencies (Digital skills)	LO3	Uses modern digital technologies, information processing, applying artificial intelligence in various fields of professional activity
	LO4	Uses economic and statistical methods for collecting, analyzing and processing primary data on the financial and economic activities of the organization and external information
	LO5	Analyzes economic processes by calculating the costs of production and sales of products, investment and development of new types of products, advanced equipment and technology
Professional skills (Hardskills)	LO6	Analyzes economic information on the problems of individual industries and fields of activity
	LO7	Develops economic sections of plans (business plans) for financial, economic, industrial and commercial activities, making optimal use of the organization's resources
	LO8	Uses the tools of quantitative and qualitative analysis of information in making and evaluating management decisions, building economic, financial and organizational management models
	LO9	Applies economic and mathematical research methods, methods of analysis, evaluation and monitoring of financial, economic, accounting and statistical reporting, ensuring timely adjustment and compliance with the legality of the organization's activities
	LO10	Evaluates the impact of factors of sustainable development, environmental risks, the level of life safety, the state of institutional, market and territorial infrastructure on ensuring the economic security of the organization and making strategic decisions.
	LO11	Uses effective business methods, taking into account the current economic situation, as well as determining the choice of areas of foreign economic activity
	LO12	Develops specific forecasts and plans for optimal development and strategies of the organization

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6 Learning outcomes of the educational program and modules

Learning Outcomes (LO) for the educational program	Name of module	Learning outcomes for the module	Name of disciplines that form learning outcomes
Key competences	Man and Society – the foundation of the worldview and socio-political knowledge	Applies the fundamental laws of Kazakhstan's history, philosophy, and socio-political knowledge for effective socialization and adaptation in changing socio-cultural conditions, shaping a personality capable of mobility in the modern world, critical thinking, and physical self-improvement.	History of Kazakhstan Philosophy Physical Culture Module of socio-political knowledge (political science, sociology, cultural studies, psychology)
Behavioral skills and personality traits (Softskills) (кәсіптік қабілеттер)	Information and Communication Module	Capable of interpersonal social and professional communication in Kazakh, Russian, and foreign languages.	Foreign language Kazakh (Russian) language
	Information and Communication Module	Possesses various types of information and communication technologies for searching, storing, processing, protecting, and disseminating information.	Information and Communication Technologies
	Fundamentals of Economics	Demonstrates systematic knowledge and practical skills for solving typical professional tasks using economic, legal and financial instruments, is responsible for the results of activities and acts within the framework of legislation and ethical standards.	Module of economics, entrepreneurship, law and financial literacy (fundamentals of economics and entrepreneurship, basics of law and anti-corruption culture, basics of financial literacy)
LO2. It uses the tools of economic theory, micro, macro, and international	Fundamentals of Economics	He possesses systematic theoretical knowledge and analytical skills in the field of	Macroeconomics Microeconomics

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<p>economics, and scientific research methods to analyze the impact of internal and external factors on the effectiveness of an organization</p>	<p>Economy and business</p> <p>Economic analysis and investment management</p> <p>Organizational and managerial</p>	<p>economics, is able to apply scientific approaches and economic tools to evaluate and justify management decisions.</p>	<p>Economic theory</p> <p>Fundamentals of scientific research in economics and management</p> <p>Educational practice</p> <p>International economics</p> <p>Economic policy</p> <p>Behavioural economy</p>
	<p>LO3. Uses modern digital technologies, information processing, applying artificial intelligence in various fields of professional activity</p>	<p>Language and socio-cultural training</p> <p>Finance, accounting, and strategies</p> <p>Economic planning and digital technologies</p> <p>Economy and business</p> <p>Economic analysis and investment management</p> <p>Organizational and managerial</p>	<p>It uses modern digital technologies, automation systems and artificial intelligence tools to collect, process and analyze information in order to improve the efficiency of professional and managerial activities.</p>
<p>LO4. Uses economic and statistical methods for collecting, analyzing and processing primary data on the financial and economic activities of the organization and external information</p>	<p>Fundamentals of Economics</p> <p>Finance, accounting, and strategies</p>	<p>He has knowledge of statistics, finance, and accounting, and is able to independently apply quantitative methods to analyze and justify economic decisions, demonstrating accuracy, critical thinking, and responsibility for the quality of analytical conclusions.</p>	<p>Mathematics in Economics</p> <p>Fundamentals of economic and mathematical modeling</p> <p>Statistics</p> <p>Accounting</p> <p>Finance</p>


Digital competencies (Digital skills)

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<p>LO5. Analyzes economic processes by calculating the costs of production and sales of products, investment and development of new types of products, advanced equipment and technology</p>	<p>Sectoral and regional economics</p> <p>Finance, accounting, and strategies</p> <p>Organizational and managerial</p> <p>Economic analysis and investment management</p> <p>Economic planning and digital technologies</p>	<p>It uses stock market tools to analyze investment processes, calculate economic efficiency, and assess risks when making investment decisions.</p> <p>Analyzes the economic efficiency of insurance, leasing, and innovation projects, performing cost calculations and justifying investments in the development of new technologies and products.</p> <p>Demonstrates skills in analyzing economic processes, calculating costs and incomes, determining pricing policy, managing investments, and mastering new technologies and products.</p>	<p>Securities and exchange business</p> <p>Insurance Leasing</p> <p>Innovation management</p> <p>Pricing Investment activity Cost management</p> <p>Economics of technology and innovation</p>
<p>LO6. Analyzes economic information on the problems of individual industries and fields of activity</p>	<p>Finance, accounting, and strategies</p> <p>Sectoral and regional economics</p> <p>Economic planning and digital technologies</p> <p>Economy and business</p> <p>Economic planning and digital technologies</p>	<p>Analyzes economic indicators and features of the development of individual industries and spheres of the economy, using industry methods to assess their effectiveness and growth potential.</p> <p>Analyzes the state and dynamics of the labor market, assessing the factors of employment, unemployment and the formation of labor resources for making informed socio-economic decisions.</p> <p>Demonstrates the ability to independently develop economic sections of business plans, effectively use the organization's resources and plan financial, economic, production and commercial activities.</p>	<p>Logistics</p> <p>Creative economy The economy of the agro-industrial complex Industrial economics Social economy Construction economics</p> <p>Labor market economics</p> <p>Economics of enterprise Organization of small and medium-sized businesses Business planning and modeling Planning, rationing, and remuneration</p>
<p>Professional skills (Hardskills)</p>			



<p>LO8. Uses the tools of quantitative and qualitative analysis of information in making and evaluating management decisions, building economic, financial and organizational management models</p>	<p>Organizational and managerial Finance, accounting, and strategies Economy and business Economic analysis and investment management</p>	<p>Develops theoretical knowledge and practical skills in the field of management, which will make it possible to make effective managerial decisions in professional activities. He has the skills to plan and optimize processes within the organization, as well as interact with external suppliers and customers, which requires the development of economic sections of plans. Forms knowledge about the essence and content of business processes, methods and indicators of their assessment, allowing to develop and make the most effective management decisions.</p>	<p>Management Behavioural economy Managerial economics Quality management Business planning and modeling Industrial practice 1</p>
<p>LO9. Applies economic and mathematical research methods, methods of analysis, evaluation and monitoring of financial, economic, accounting and statistical reporting, ensuring timely adjustment and compliance with the legality of the organization's activities LO10. Evaluates the impact of factors of sustainable development, environmental risks, the level of life safety, the state of institutional, market and territorial infrastructure on ensuring the economic security of the organization and making strategic decisions.</p>	<p>Economic analysis and investment management Finance, accounting, and strategies Economy and business Finance, accounting, and strategies Organizational and managerial Economic planning and digital technologies</p>	<p>Demonstrates skills in applying economic and mathematical methods to analyze financial and economic reporting, assess the value of a company, monitor tax accounting, and ensure the legality of an organization's financial and economic activities. Demonstrates skills in analyzing institutional systems, understanding global integration processes, and assessing the impact of market infrastructure on economic development. Demonstrates skills in analyzing and evaluating factors affecting the sustainable development of cities and regions, as well as</p>	<p>Management analysis Economic analysis Valuation of the company Industrial practice 2 IC-enterprise Theory and organization of taxes Sustainable development, ecology and life safety Institutional economics Market infrastructure Economic security</p>

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	Sectoral and regional economics	the ability to make decisions based on economic security and strategies for the development of socio-economic systems.	Economy of the city Economics of regional development
LO11. Uses effective business methods, taking into account the current economic situation, as well as determining the choice of areas of foreign economic activity	Sectoral and regional economics Economy and business	Demonstrates the skills of using effective business methods, taking into account the current economic situation and making decisions on the choice of areas of foreign economic activity	Foreign economic activity of firms Pre-graduate practice Industrial practice /International business
LO12. Develops specific forecasts and plans for optimal development and strategies of the organization	Finance, accounting, and strategies Economic planning and digital technologies	He is able to develop specific forecasts and strategies for optimal development of the organization, taking into account marketing aspects, anti-crisis measures and strategic management.	Strategic marketing Strategic management Anti-crisis policy of the enterprise Economic risks at enterprises
LO1 – LO12	Final Certification	Performs and successfully defends a thesis or passes a comprehensive exam	Writing and defending a thesis, graduation project, or preparing and passing a comprehensive exam

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7 The relationship between the attainability of the formed learning outcomes according to the educational program and academic disciplines

№	Name of the discipline	Brief description of the discipline	Number of credits	Formed learning outcomes (codes)												
				LOGE1	LOGE2	LOGE3	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10
Cycle of general education disciplines (GED) Required component/University component																
1	History of Kazakhstan	The program consists of five thematic blocks: Ancient people, the formation of nomadic civilization, Turkic civilization and the Great Steppe, Kazakhstan in a new era (XVIII - early XX centuries), Kazakhstan in the Soviet period, Independent Kazakhstan. The purpose of the discipline is to provide objective knowledge about the main stages in the development of the history of Kazakhstan from ancient times to the present.	5	+												
2	Philosophy	This program is aimed at studying the updated content of the general education discipline "Philosophy", the formation of students' openness of consciousness, understanding of their own national code and national identity, spiritual modernization, competitiveness, realism and pragmatism, independent critical thinking, the cult of knowledge and education, the assimilation of such key worldview concepts as justice, dignity and freedom, and It is also aimed at developing and strengthening the values of tolerance, intercultural dialogue and a culture of peace.	5	+												
3		This curriculum shall suggest the study of four scientific disciplines – sociology, political science, cultural studies, psychology, each of which has its own subject, terminology, and research methods. The interaction between these scientific disciplines shall be based on the principles of informational complementarity; integrity; methodological	8													+



	<p>integrity of the research approaches of these disciplines; the result-oriented unity of education methodology; a single system perspective of the typology of learning outcomes as the formed abilities. Within the disciplines of sociology and psychology, special attention is paid to inclusion as a key social and humanistic value. It is considered as an integral part of modern social and psychological knowledge, contributing to the formation of students' respect for social and individual diversity, recognition of human rights and principles of equality.</p>			
4	<p>Foreign language</p> <p>This curriculum shall be designed to train students on general education discipline "Foreign language" as one of the compulsory subjects of general education course. The goal of the curriculum shall be the formation of intercultural communicative competence of students in the process of foreign language education at a sufficient level (A2, common European framework) and the level of basic sufficiency (B1, common European framework). Depending on the level of training, the student, at the time of completion of the course, shall reach the level B2 of common European framework of reference if the student, at the start, has the level of common European framework of reference above B1.</p>	10	+	
5	<p>Kazakh (Russian) language</p> <p>This curriculum for general education discipline "Kazakh language" shall be aimed at a new format of study of language and formation of social and humanitarian outlook in the framework of the national idea of spiritual modernization. This curriculum shall be intended for development of language personality of a student capable to perform cognitive and communicative activity in the Russian language in the spheres of interpersonal, social, professional and intercultural communication in the context of implementation of the state programs of trilingualism.</p>	10	+	


14	economics and management	<p>methods of data collection and analysis, substantiation of hypotheses and formalization of scientific papers. Demonstrates the principle of critical and systems thinking. To develop skills and opportunities for solving theoretical and practical problems in the professional field.</p> <p>The course is aimed at forming a systemic understanding of the principles of ensuring balance between economy, social development of society, preservation of environment, protection of life and human health. Develops skills of effective management of energy and waste in the circular economy in the development of national strategies and implementation of business processes; analysis, forecasting and minimization of technological, natural and social risks; Sustainable lifestyle and responsible attitude to one's own security.</p>	5						
15	Sustainable development, ecology and life safety	<p>The course is aimed at studying basic knowledge in the field of economics of enterprises and organizations, forms of production organization and evaluation of their effectiveness, issues of determining the magnitude and direction of rational use of production resources, as well as mastering the skills to operate with economic indicators, analyze situations and propose effective strategies for solving economic problems of enterprises, taking into account the peculiarities of their functioning in modern market conditions</p>	5						
16	Economic theory	<p>The objectives of the discipline are the formation of students' fundamental knowledge of the fundamentals, concepts and categories of modern economic theory, the laws of the functioning of the market economy and the behavior of its subjects; mechanisms for the formation of market pricing, as well as mastering the skills of analyzing economic phenomena, socially significant problems and processes occurring in society.</p>	4						

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17	Business planning and modeling	The purpose of studying this discipline is to master the theoretical foundations of business process planning and modeling, to get acquainted with the methods of business process analysis, to use tools for planning and modeling business processes, to gain knowledge in the field of business process management, as well as to master practical skills in performing economic calculations and risk analysis	5									
18	Accounting	The purpose of studying the discipline: study of problems of state regulation of interaction between the banking and real sectors of the economy; study of models and principles of interaction between the banking and real sectors of the economy; - study of the content of concepts and technologies of banking services for enterprises of the real sector of the economy; - study of current trends and promising areas of interaction between the banking and real sectors of the economy.	5	+								
19	State Regulation of Economy	The purpose of studying the discipline is to form students with a system of theoretical knowledge, skills and practical skills that make up effective management in the field of state regulation of the economy, development and implementation of state economic policy at the present stage; the use of forms, methods and means of state regulation of the country's economic system.	5	+								
20	Institutional economics	The purpose of this course is to give students a detailed idea of the formation and current development of a new institutional theory, the impact of institutions on the economic development of the country, regions and companies, as well as to develop practical skills for independent analysis of situations and problem solving using an institutional approach.	5							+		
21	Leasing	The course examines the theoretical and practical aspects of leasing, develops skills in analyzing transactions,	5								+	




	<p>organization of taxes</p>	<p>the theoretical foundations of taxes and theoretical aspects of the construction of the taxation system, namely the disclosure of the economic content, functions and principles of taxes, the historical stages of the formation and development of taxes and the tax system of the Republic of Kazakhstan, the basic concepts of tax reforms in the country, analyze the tasks of tax activities and changes in the position of taxes in the financial system. Teaching students the application of legal norms in the taxation of legal entities and individuals.</p>	5							
26	<p>Organization of small and medium-sized businesses</p>	<p>The course examines the theoretical and practical aspects of organizing small and medium-sized businesses, and builds entrepreneurial competencies. Demonstrates the key stages of creating an enterprise, including the development of a business idea, business planning, fundraising, risk management and operational activities. It is aimed at developing analytical and critical thinking, the ability to analyze the market, assess business prospects and apply strategic tools for effective management.</p>	5							
27	<p>Fundamentals of economic and mathematical modeling</p>	<p>The course is aimed at studying the principles of economic and mathematical modeling, developing skills in constructing, analyzing and interpreting models for making informed decisions in economics. Students master the theoretical foundations and practical methods of mathematical modeling, forecasting, optimization and statistical data processing, which contributes to the development of critical thinking and analytical abilities for solving applied economic problems.</p>	5							
28	<p>Behavioural economy</p>	<p>The purpose of the course is to familiarize students with the basic models of behavioral economics, approaches and problems of modern behavioral economics. The main objective of the course is to show how theoretical models of behavioral economics are used in real life. The discipline</p>	5							

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41	Foreign economic activity of firms	<p>anti-crisis processes at enterprises. Possession of modern technologies for the implementation of anti-crisis management of enterprises, methods of conducting bankruptcy diagnostics and the specifics of regulating labor relations at a crisis enterprise.</p> <p>The objectives of the discipline: the study of the practice of foreign economic activity of enterprises at the present stage of development of the Kazakh economy; the development of practical methods and the acquisition of skills in the implementation of foreign trade operations. Knowledge of the skills of preparation and execution of a foreign economic transaction, methods of determining prices for export and import goods, methods of analysis of foreign economic activity and its effectiveness</p>	5									
42	Investment activity	<p>The course forms a system of economic knowledge about modern methods of investment management in a market economy, including a new investment ideology and management culture. Students will master digital investment tools, artificial intelligence technologies for risk analysis and forecasting, as well as automated models used in domestic and international practice.</p>	5									
43	Creative economy	<p>The purpose of the course is to provide students with an understanding of the field of economics related to ingenuity and creativity, the relationship between economics and the cultural sphere, methods of using cultural diplomacy technology to increase economic efficiency. The course builds skills and analysis of economic indicators in the field of creative industries and creative entrepreneurship, including in the development of art clusters in various fields</p>	5									
44	Valuation of the company	<p>Formation of a system of knowledge about the principles and methods of assessing the value of a company and managing the value of a modern company, basic concepts</p>	5									

	in the field of economics. Acquisition of practical skills to calculate economic and socio-economic indicators based on standard methods and the current regulatory framework, skills in collecting and processing the necessary data necessary for the development of plans and justification of management decisions.						
45 Planning, rationing, and remuneration	The purpose of the course is to develop the ability to analyze the processes of organization, rationing and remuneration at enterprises using modern methods, evaluate the effectiveness of labor resources, identify reserves for productivity improvement, develop proposals for improving motivation systems and forming organizational solutions that ensure competitiveness and sustainable development of business entities in modern socio-economic conditions.	5			+		
46 Strategic management	The purpose of studying the discipline: formation of students' culture of thinking and theoretical base on the main problems of strategic management, as well as stable practical skills of independent use of acquired knowledge to solve strategic management tasks in professional activities; skills in structuring goals and defining strategies to achieve goals; skills in developing an individual strategy to strengthen competitive positions; skills of rapid response to changes external factors	5					+
47 Cost management	The purpose of the discipline is to study the essence of costs, taking into account the specifics of the functioning of the organization, the principles of their accounting, methods and tools for effective cost management of the organization, as well as the formation of cost analysis skills in order to optimize them, develop budgets of organizations and enterprises, predict financial flows and make competent management decisions.	5		+			
48 Quality management	The course forms knowledge, skills, skills and	5					+

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49	Securities and exchange business	<p>competencies for successful professional activity in the field of quality management on the basis of international and national experience: the study and development of basic principles, functions, tools and methods of quality management; study of requirements to the quality management system on the basis of the international standards of ISO 9000 series and assessment of the possibility of its development and implementation at enterprises</p> <p>The purpose of the course is to develop the ability to analyze the processes of organization, rationing and remuneration at enterprises using modern methods, evaluate the effectiveness of labor resources, identify reserves for productivity improvement, develop proposals for improving motivation systems and forming organizational solutions that ensure competitiveness and sustainable development of business entities in modern socio-economic conditions.</p>	5	+										
50	Digital Economy	<p>The course forms modern economic thinking related to the introduction of digital technologies and artificial intelligence into practical fields of activity, examines the infrastructure of the digital economy, the digital transformation of industries and their impact on business processes. Students master the analysis, forecasting and assessment of the impact of new technologies, including digital platforms, to adapt to changes, manage risks, increase efficiency, sustainability and competitiveness of the economy.</p>	5	+										
51	The economy of the agro-industrial complex	<p>The purpose of teaching the course is to study the economic mechanism of functioning of an agricultural enterprise in a market economy. The knowledge, skills and abilities acquired during the study of the discipline are aimed at considering the basics of enterprises in the field of agro-</p>	5	+										



52	Economy of the city	<p>industrial complex, calculating the main indicators of the functioning of the agro-industrial complex, developing proposals and projects in the agro-industrial complex, etc.</p> <p>The purpose of studying the discipline is to form students' systematic understanding of the city economy, the importance and functions of cities and the spatial structure of the city for the development of companies, the role of the tertiary and quaternary sectors in modern cities, the economic foundations of the functioning of Smart-city, the features of the development of cities of different categories and urban agglomerations</p>	5								
53	Industrial economics	<p>The purpose of the discipline is to master students' knowledge of the structure and features of the functioning of industrial enterprises in various sectors of the economy, skills in using modern methods for calculating economic indicators of production processes, analyzing industrial processes and developing management strategies in this area, the ability to apply in solving professional tasks of production and technological activities taking into account modern digital technologies.</p>	5								
54	Economics of regional development	<p>The purpose of the discipline is to study the territorial organization of the economy and large regions of the country, the factors and prerequisites of the territorial organization of the population of Kazakhstan, as well as territories with special conditions of existence and functioning of the economy; to acquire the necessary skills to analyze the current state and prospects of regional development.</p>	5								
55	Labor market economics	<p>The purpose of the discipline is to introduce students to the economic processes taking place in the labor market. During the course, the following main aspects are analyzed: labor supply and demand for labor, employment and unemployment, labor quality and labor mobility.</p>	5								


60	<p>understanding of business protection mechanisms, the specifics of state economic policy, and allows you to identify and interpret key sustainability indicators at various levels of management in a market system.</p> <p>The course examines the fundamentals and tools of economic policy, develops skills in macroeconomic analysis. It demonstrates the mechanisms of government regulation, including fiscal, monetary and credit policies and tools for crisis management, employment and social protection policies. It is aimed at developing critical thinking, the ability to assess the consequences of economic decisions, predict their impact and develop strategies for the sustainable development of the national economy.</p>	5	+	
61	<p>Economic risks at enterprises</p> <p>The purpose of the course is to develop the ability to apply economic and mathematical models to analyze and assess the risks of an enterprise, which allows you to make informed management decisions. Students study risk modeling methods, including the use of software tools, and master the techniques of formalized presentation of risk assessment tasks used in the real practice of managing economic risks in an enterprise.</p>	5		+
62	<p>E-government</p> <p>The aim of the course is to develop the ability to apply modern information technologies to improve the efficiency of public administration, with an emphasis on studying the EGOV platform.kz and its services, analysis of digital tools for interaction with citizens and businesses, as well as understanding strategies for interagency cooperation in building a sustainable e-government system in the Republic of Kazakhstan.</p>	5	+	
63	<p>Introduction to Artificial Intelligence</p> <p>The discipline is aimed at studying the basic concepts, methods and technologies used in modern artificial</p>	5	+	

		<p>intelligence systems. The course covers artificial neural networks, machine learning, deep learning, as well as applied algorithms and models used in various fields such as computer vision, natural language processing, robotics, and game art. At the end of the course, students are able to analyze and solve problems using artificial intelligence methods.</p>									
64	Artificial intelligence in the management of object	<p>The discipline studies the basic concepts and principles of artificial intelligence systems, as well as their application in object management. Methods and technologies of artificial intelligence for effective management of objects. Upon completion of the course, students gain the skills and knowledge necessary for successful management of facilities using</p>	5								
65	Development of artificial neural networks	<p>The discipline focuses on the study of methods for creating and training neural networks, which are mathematical models that mimic the work of the human brain. During the course of studying this discipline, students will learn about various types of neural networks, their structures and learning algorithms. Upon completion of the course, students will be able to create, train and apply neural networks to solve various tasks in the field of artificial intelligence and machine learning.</p>	5								


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8 Alignment of planned learning outcomes with assessment technologies and teaching methods within the module


Learning Outcomes (LO) Number	Planned learning outcomes for the module	Assessment technologies (tools)	Methods of learning and teaching
LO1	Demonstrates systematic knowledge and practical skills for solving typical professional tasks using economic, legal and financial instruments, is responsible for the results of activities and acts within the framework of legislation and ethical standards.	Testing, case study, written test, situational tasks, oral questioning, mini-project, written assignment, peer review of solutions, presentation, independent work, business and role-playing games, discussion, project-based activities.	Test questions, case analysis, mini-project defense, solving situational tasks, brainstorming, written assignment on legal or financial topics, presentation of a typical professional solution, practical classes with legal and financial documents, modeling of standard situations, small group work, problem-based learning, analysis of professional situations, seminar-discussions, project-based learning.
LO 2	He possesses systematic theoretical knowledge and analytical skills in the field of economics, is able to apply scientific approaches and economic tools to evaluate and justify management decisions.	Testing, project-based activities, practical assignment, presentation, written test, oral questioning, independent work on a digital platform, e-portfolio, case study, peer review of digital solutions, modeling, interactive quiz on IT tools.	Test questions, digital project defense, performance of practical tasks in an IT environment, presentation of solutions using AI/automation, written test on digital data analysis, practical classes with digital tools, project-based learning, case study on digital transformation, modeling business processes with IT solutions, working with AI platforms (ChatGPT, analytical bots), group development of digital solutions, task-based learning, digital literacy training, digital case analysis, flipped classroom.
LO3	It uses modern digital technologies, automation systems and artificial intelligence tools to collect, process and analyze information in order to improve the efficiency of professional and managerial activities.	Project-based activities, e-portfolio assessment, testing, practical assignments using IT tools, interactive quizzes, written test with data analysis, reports on tasks completed on digital platforms, oral defense of data analysis, case study work, laboratory work.	Project defense, practice-oriented learning, project-based learning, working with digital tools and software, master classes by practitioners, small group work, test questions, learning through tasks and simulations, flipped classroom.

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LO4	He is able to organize effective management of the enterprise and the country, assess the ratio of the planned result and the resources expended in the activity.	Written and practical assignments with calculations, case study, testing, individual tasks, project-based activities, spreadsheets with calculations and conclusions, oral questioning on methodology, writing short analytical reports, interactive tasks.	Solving computational and analytical tasks, case method with financial-statistical data, tests with analytical problems, practical classes, defense of individual assignments and projects, case analysis, individual mini-research, working with primary and secondary reporting, problem-based learning, analysis of accounting and financial documentation, modeling of economic situations, project-based learning.
LO5	It uses stock market tools to analyze investment processes, calculate economic efficiency, and assess risks when making investment decisions. Analyzes the economic efficiency of insurance, leasing, and innovation projects, performing cost calculations and justifying investments in the development of new technologies and products. Demonstrates skills in analyzing economic processes, calculating costs and incomes, determining pricing policy, managing investments, and mastering new technologies and products.	Project-based activities, case solving, practical assignments, business games, testing, written tests, use of digital platforms, oral analysis of solutions, preparation of analytical reports, individual calculations, portfolio with tasks.	Project defense, case method, solving problems, calculation of investment indicators (NPV, IRR, PI, etc.), tests with computational tasks, work with stock market simulators and online trading platforms, modeling investment decisions, project-based learning, working with real financial reporting, business plan analysis, study of typical situations, group project presentations.
LO6	Analyzes economic indicators and features of the development of individual industries and spheres of the economy, using industry methods to assess their effectiveness and growth potential. Analyzes the state and dynamics of the labor market, assessing the factors of employment, unemployment and the formation of labor resources for making informed socio-economic decisions.	Writing an analytical industry report, project-based activities, testing, written test, practical assignments, oral analysis of industry cases, data visualization and interpretation (graphs, tables), performing tasks in Excel, presentation, cause-and-effect analysis, comparative evaluation.	Statistical data analysis, case method, working with industry reports and forecasts, project defense, discussions, project-based learning, modeling the development of an industry or labor market, seminars with analytical tasks, research mini-projects, work with open databases (Bureau of National Statistics, etc.).
LO7	Demonstrates the ability to independently	Project-based activities, calculation tasks on	Project defense, project-based learning, case

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	<p>develop economic sections of business plans, effectively use the organization's resources and plan financial, economic, production and commercial activities.</p>	<p>financial and economic activities, written test, project presentation, practical assignments, group projects, self-assessment and peer assessment, portfolio, oral questioning with error analysis, modeling of organizational and economic situations.</p>	<p>method, business games, analysis of real business plans, practical classes, evaluation of profitability and payback, testing, expert evaluation of group projects, training, problem-based learning, brainstorming to find solutions.</p>
LO8	<p>Develops theoretical knowledge and practical skills in the field of management, which will make it possible to make effective managerial decisions in professional activities. He has the skills to plan and optimize processes within the organization, as well as interact with external suppliers and customers, which requires the development of economic sections of plans. Forms knowledge about the essence and content of business processes, methods and indicators of their assessment, allowing to develop and make the most effective management decisions.</p>	<p>Project-based activities, written tests, testing, case study, situational tasks, business games, oral questioning, essay/term paper, independent work on business case analysis, discussion, presentation, calculation and analytical assignments, colloquium.</p>	<p>Defense of group and individual projects, case method, project-based learning, modeling of business processes, small group work with role distribution, analysis and optimization of business processes, seminar-discussions, lectures with elements of problem-based learning, preparation of presentations, completion of computational-analytical tasks, brainstorming.</p>
LO9	<p>Demonstrates skills in applying economic and mathematical methods to analyze financial and economic reporting, assess the value of a company, monitor tax accounting, and ensure the legality of an organization's financial and economic activities.</p>	<p>Testing, written test, calculation and graphical assignment, project-based activities, financial reporting analysis, case solving, oral questioning, Excel assignments, mini-research, business games, independent work with indicator interpretation.</p>	<p>Tests with computational elements, solving calculation tasks, project defense, case method, practical classes using Excel or specialized software, modeling financial indicators, working with real reporting, situation analysis, group projects, problem-based learning, interactive seminars.</p>
LO10	<p>Demonstrates skills in analyzing institutional systems, understanding global integration processes, and assessing the impact of market infrastructure on economic development. Demonstrates skills in analyzing and evaluating factors affecting the sustainable development of cities and regions, as well as the ability to make decisions based on economic security and</p>	<p>Project-based activities, analytical essay, testing, case analysis, business games, written test, presentation, written assignment, oral questioning, comparative analysis of countries/regions, independent work, discussion.</p>	<p>Project defense, case method, analysis of sustainable development strategies, working with regional and city data, project-based learning, modeling socio-economic systems, group analysis, working with reports, seminars with analytical tasks.</p>


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	strategies for the development of socio-economic systems.		
LO11	Demonstrates the skills of using effective business methods, taking into account the current economic situation and making decisions on the choice of areas of foreign economic activity	Project-based activities, testing, written test, business games, case analysis, presentation, written assignment, oral questioning, calculation and graphical work, mini-research, essay.	Project defense, tests, case method, analysis, project-based learning, working with foreign economic statistics and reports, modeling of business environment, SWOT analysis, practical classes, discussion of trends, group sessions.
LO12	He is able to develop specific forecasts and strategies for optimal development of the organization, taking into account marketing aspects, anti-crisis measures and strategic management.	Practical assignments, presentation, testing, written test, case analysis, mini-project, assignment, oral questioning, mini-project, business games, calculation and analytical assignments, independent work.	Defense of organizational development strategies, case method, project-based learning, SWOT and PEST analysis, brainstorming, modeling managerial decisions, analysis of market information, group work, problem-based learning.
GEC1	Applies the fundamental laws of Kazakhstan's history, philosophy, and socio-political knowledge for effective socialization and adaptation in changing socio-cultural conditions, shaping a personality capable of mobility in the modern world, critical thinking, and physical self-improvement.	Essay, term paper, colloquium, testing, presentation, oral questioning, round table, project-based activities, discussion, role-playing and business games, independent work, critical review, cross-disciplinary case analysis.	Essay writing, case method, working with primary sources and texts, problem-based learning, project defense, situation analysis, project method, free discussion (debates, polemics).
GEC2	Capable of interpersonal social and professional communication in Kazakh, Russian, and foreign languages.	Oral interview, presentation, role-play, written assignments (essay, letters, résumé), grammar and vocabulary testing, listening comprehension with retelling, situational tasks, dialogue/role-play, project work, translation with commentary, participation in debates, implementation of a multilingual project, self-assessment of speech activity, written translation.	Presentation defense in different languages, dialogical and polylogical exercises, debates, "mixed pairs" method (different languages), interactive exercises (interviews, negotiations), storytelling method, collaborative presentation creation, text analysis and translation.
GEC3	Possesses various types of information and communication technologies for searching, storing, processing, protecting, and disseminating information.	Practical assignment, testing, mini-projects, oral questioning, case solving, written test, digital portfolio, working with search engines and evaluating source reliability, interactive quizzes, essay/presentation.	Practical classes with ICT tools, working with cloud storage and office applications, mini-project defense, completing assignments in a digital environment, case method, learning through video instructions, modeling information processes,


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9 Correlation of learning outcomes of the educational program with the labor functions of professional standards (if any)


Name of the professional standards used	Professions at level 6 of the SQF	Labor functions	Tasks	Learning outcomes for the educational program
«Planning and analysis of company's resources» December 26, 2019, No. 263	Economist (general profile)	Labor function 1: Collection and processing of primary data on financial and economic activities of the organisation	Task 1: Collection of primary data on financial and economic activities of the organisation Task 2: Processing of collected internal and external information	LO3. Uses modern digital technologies, information processing, applying artificial intelligence in various fields of professional activity LO4. Uses economic and statistical methods for collecting, analyzing and processing primary data on the financial and economic activities of the organization and external information LO5. Analyzes economic processes by calculating the costs of production and sales of products, investment and development of new types of products, advanced equipment and technology. LO7. Analyzes economic information on the problems of individual industries and fields of activity
		Labor Function 2: Planning and control of financial and economic activities of the organisation	Task 1: Formation and review of the organisation's financial and economic development plans Task 2: Control over execution of the organisation's financial and economic development plans and development of management decisions	LO8. Uses the tools of quantitative and qualitative analysis of information in making and evaluating management decisions, building economic, financial and organizational management models
		Labor function 3: Reporting on the financial and economic activities of the organisation	Task 1: Preparation and submission of financial, economic and statistical reports	LO6. Analyzes economic information on the problems of individual industries and fields of activity. LO9. Applies economic and mathematical research methods, methods of analysis, evaluation and monitoring of financial, economic, accounting and statistical reporting, ensuring timely adjustment and compliance with the

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		legality of the organization's activities		
Personal competency requirements:				
«Project management» December 26, 2019, No. 263	Менеджер проектов	Labor function 1: Project Integration Management	Honesty; Integrity; Diligence; Responsibility; Attentiveness; Accuracy; Discipline; Discipline; Accuracy; Discipline; Equilibrium	
			Task 1: Development of a project charter	LO10. Evaluates the impact of factors of sustainable development, environmental risks, the level of life safety, the state of institutional, market and territorial infrastructure on ensuring the economic security of the organization and making strategic decisions.
			Task 2: Development of a project management plan	LO7. Analyzes economic information on the problems of individual industries and fields of activity
			Task 3: Organisation of monitoring and control of project activities	LO7. Analyzes economic information on the problems of individual industries and fields of activity
			Task 4: Closing a project or a phase of a project	LO8. Uses the tools of quantitative and qualitative analysis of information in making and evaluating management decisions, building economic, financial and organizational management models
Labor function 2: Project work (content) management		Task 1: Content Management Planning	LO8. Uses the tools of quantitative and qualitative analysis of information in making and evaluating management decisions, building economic, financial and organizational management models	
		Task 2: Content management and control	LO7. Analyzes economic information on the problems of individual industries and fields of activity	
		Task 1: Schedule management planning	LO7. Analyzes economic information on the problems of individual industries and fields of activity	
Labor function 3: Project schedule management		Task 2: Schedule management and control	LO8. Uses the tools of quantitative and qualitative analysis of information in making and evaluating management decisions, building economic, financial and organizational management models	
		Task 1: Cost management planning	LO4. Uses economic and statistical methods for collecting, analyzing and processing primary data on the financial and economic activities of the organization and external information	
Labor function 4: Project cost management		Task 2: Cost management and control	LO4. Uses economic and statistical methods for collecting, analyzing and processing primary data on the financial and economic activities of the organization and external information	
		Task 1: Quality	LO8. Uses the tools of quantitative and qualitative analysis of information in	

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	Project quality management	<p>management planning</p> <p>Task 2: Quality control</p> <p>Task 1: Resource management planning</p> <p>Task 2: Development and management of the project team</p> <p>Task 3: Resource control</p>	<p>making and evaluating management decisions, building economic, financial and organizational management models</p> <p>LO9. Applies economic and mathematical research methods, methods of analysis, evaluation and monitoring of financial, economic, accounting and statistical reporting, ensuring timely adjustment and compliance with the legality of the organization's activities</p> <p>LO7. Analyzes economic information on the problems of individual industries and fields of activity</p> <p>LO8. Uses the tools of quantitative and qualitative analysis of information in making and evaluating management decisions, building economic, financial and organizational management models</p> <p>LO7. Analyzes economic information on the problems of individual industries and fields of activity</p>
	Labor function 6: Project resource management	<p>Task 1: Communications management planning</p> <p>Task 2: Monitoring of communications</p>	<p>LO2. It uses the tools of economic theory, micro, macro, and international economics, and scientific research methods to analyze the impact of internal and external factors on the effectiveness of an organization.</p> <p>LO3. Uses modern digital technologies, information processing, applying artificial intelligence in various fields of professional activity</p> <p>LO10. Evaluates the impact of factors of sustainable development, environmental risks, the level of life safety, the state of institutional, market and territorial infrastructure on ensuring the economic security of the organization and making strategic decisions.</p>
	Labor function 8: Project risk management	<p>Task 1: Risk management planning</p> <p>Task 2: Implementation of risk response</p> <p>Task 3: Risk monitoring</p>	<p>LO8. Uses the tools of quantitative and qualitative analysis of information in making and evaluating management decisions, building economic, financial and organizational management models</p> <p>LO8. Uses the tools of quantitative and qualitative analysis of information in making and evaluating management decisions, building economic, financial and organizational management models</p>

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Labor function 9: Project stakeholder management	Task 1: Stakeholder engagement planning	LO10. Evaluates the impact of factors of sustainable development, environmental risks, the level of life safety, the state of institutional, market and territorial infrastructure on ensuring the economic security of the organization and making strategic decisions.
	Task 2: Monitoring and management of stakeholder engagement	LO6. Analyzes economic information on the problems of individual industries and fields of activity
Labor function 10: Project procurement management	Task 1: Procurement management planning	LO3. Uses modern digital technologies, information processing, applying artificial intelligence in various fields of professional activity
	Task 2: Procurement control	LO3. Uses modern digital technologies, information processing, applying artificial intelligence in various fields of professional activity
	Task 3: Procurement control	LO6. Analyzes economic information on the problems of individual industries and fields of activity
Personal competency requirements: Ability to apply knowledge; teamwork; leadership; self-reflection and self-management; performance and self-control Self-confidence and persuasiveness; personal integrity and reliability; creativity; results-orientation; decision-making; productivity; open-mindedness; communication; observation; political awareness; cultural awareness; coaching skills; ethical behaviour		

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10 Graduate model

GRADUATE MODEL			
Professional standard «Planning and analysis of company's resources» December 26, 2019, No. 263, ««Project management» December 26, 2019, No. 263» December 26, 2019, No. 263.	Competencies (soft skills, digital skills)		
	Attributes of a graduate	knowledge	Skills
	<ul style="list-style-type: none"> - analyses economic processes, identifies trends and regularities, justifies conclusions; - participates in the development and implementation of projects, knows the basics of project management; - knows professional terminology, can effectively present economic information; - is aware of the social significance of his/her activity, observes the norms of professional ethics; - knows how to use ICT in working with data, presentations and calculations. 	<ul style="list-style-type: none"> - basics of micro- and macroeconomics; - financial, management accounting, taxation; - methods and tools of economic information analysis; - principles of project management (initiation, planning, execution, control); - legal and institutional basics of economic management; - state regulation of economy; - basics of statistics, marketing and management; - labour, civil and economic law. 	<ul style="list-style-type: none"> - calculates economic indicators (profitability, cost, productivity, etc.); - analyses financial statements and economic processes; - generates tables, graphs, reports and presentations; - assesses the resource availability of the project; - develops elements of project documentation (goal, objectives, work schedule, budget); - uses economic and mathematical methods in decision-making; - applies methods of rationing, planning, forecasting, and forecasting; - uses economic and mathematical methods in decision-making; - uses economic and mathematical methods in decision-making.
	Professional skills (hard skills)		
	<ul style="list-style-type: none"> - calculation of costs, revenues, profitability, KPIs, etc; - collection, processing, systematisation and analysis of economic data; - analysing the needs and distribution of the firm's resources. - application of planning tools (SWOT, SMART). - work in Excel (formulas, summary tables), PowerPoint, basic knowledge of 1C. - preparation of economic notes, briefs, presentations based on analyses. 		

Экономикалык ғылым негіздері / Основы экономической науки / Fundamentals of Economics												
Модуль / Module № 3	1	2	3	4	5	6	7	8	9	Барлығы / Total for module	0	525
Экономика, кәсіпкерлік, құқық және қаржылық сауаттылық модулі (Экономика және кәсіпкерліктің негіздері, құқық негіздері және сыбайлас жемқорлыққа қарсы мәдениет, қаржылық сауаттылық негіздері) / Модуль экономика, предпринимательства, права и финансовой грамотности (основы экономики и предпринимательства, основы права и антикоррупционная культура, основы финансовой грамотности) / Module of economics, entrepreneurship, law and financial literacy (fundamentals of economics and entrepreneurship, basics of law and anti-corruption culture, basics of financial literacy)	ЖБП (ЖК) ООД (БК) GED (UC)	МЕРРРFG 1107-25 МЕРРРFG 1107-25 МЕРРРFG 1107-25	1	5	150	45	30	15	45	90	2 + 1 + 0	Білім алушының таңдауы бойынша / По выбору обучающегося / By student's option
Экономикалық теория / Economic theory	БП (ЖК) БД (БК) BD (UC)	ЕП 1201-25 ЕП 1201-25 ЕП 1201-25	1	4	120	45	30	15	60	2 + 1 + 0	Білім алушының таңдауы бойынша / По выбору обучающегося / By student's option	
Экономикадағы математика / Mathematics in Economics	БП (ЖК) БД (БК) BD (UC)	ME 1202-25 ME 1202-25 ME 1202-25	1	4	120	45	15	30	60	1 + 2 + 0	Білім алушының таңдауы бойынша / По выбору обучающегося / By student's option	
Микроэкономика / Microeconomics	БП (ЖК) БД (БК) BD (UC)	Мік 1203-25 Мік 1203-25 Мік 1203-25	2	5	150	45	30	15	90	2 + 1 + 0	Білім алушының таңдауы бойынша / По выбору обучающегося / By student's option	
Оқу практикасы / Educational practice	БП (ЖК) БД (БК) BD (UC)	UP 25 (ЕК) UP 25 (ЕК) UP 25 (ЕК)	2	2	60	0				2 апта / неделя / weeks	Білім алушының таңдауы бойынша / По выбору обучающегося / By student's option	
Макроэкономика / Macroeconomics	БП (ЖК) БД (БК) BD (UC)	Мік 2205-25 Мік 2205-25 Мік 2205-25	3	5	150	45	30	15	90	2 + 1 + 0	Білім алушының таңдауы бойынша / По выбору обучающегося / By student's option	
Экономика мен басқарудың ғылыми зерттеулердің негіздері / Основы научных исследований в экономике и управлении / Fundamentals of scientific research in economics and management	БП (ЖК) БД (БК) BD (UC)	ONIEU 2206-25 ONIEU 2206-25 ONIEU 2206-25	3	3	90	30	15	15	45	1 + 1 + 0	Білім алушының таңдауы бойынша / По выбору обучающегося / By student's option	
Статистика / Statistics	БП (ТК) БД (КВ) BD (EC)	St-2209-25 St-2209-25 St-2209-25										Білім алушының таңдауы бойынша / По выбору обучающегося / By student's option
Экономикалық-математикалық модельдеу негіздері / Основы экономико-математического моделирования / Fundamentals of economic and mathematical modeling	БП (ТК) БД (КВ) BD (EC)	OEMM 2209-25 OEMM 2209-25 OEMM 2209-25	3	5	150	45	15	30	90	1 + 2 + 0	Білім алушының таңдауы бойынша / По выбору обучающегося / By student's option	
Барлығы модуль бойынша / Итого по модулю / Total for module												
Ұйымдастырушылық-басқарушылық / Организационно-управленческий / Organizational and managerial												
1 Менеджмент / Management	БП (ЖК) БД (БК) BD (UC)	Men 1204-25 Men 1204-25 Men 1204-25	2	6	180	60	30	30	105	2 + 2 + 0	Білім алушының таңдауы бойынша / По выбору обучающегося / By student's option	
2 Нарықтық инфрақұрылым / Рыночная инфраструктура / Market infrastructure	БП (ТК) БД (КВ) BD (EC)	RI 2211-25 RI 2211-25 GRE 2211-25 GRE 2211-25	3	5	150	45	30	15	90	2 + 1 + 0	Білім алушының таңдауы бойынша / По выбору обучающегося / By student's option	
3 Экономиканы мемлекеттік ретлеу / Государственное регулирование экономики / State Regulation of Economy	Мінез-құлық экономикасы / Поведенческая экономика / Behavioural economy	PE 3214-25 PE 3214-25 PE 3214-25										Білім алушының таңдауы бойынша / По выбору обучающегося / By student's option
4 Басқарушылық экономика / Управленческая экономика / Managerial economics	БП (ТК) БД (КВ) BD (EC)	UE 3214-25 UE 3214-25 UE 3214-25	5	5	150	45	30	15	90	2 + 1 + 0	Білім алушының таңдауы бойынша / По выбору обучающегося / By student's option	
6 Жасанды нейрондық желілерді әзірлеу / Разработка искусственных нейронных сетей / Development of artificial neural networks		RINS 3214-25 RINS 3214-25										Білім алушының таңдауы бойынша / По выбору обучающегося / By student's option

Бардыгы модуль бойынша / Итого по модулю / Total for module		Каржы, есеп және стратегиялар / Финансы, учет и стратегии / Finance, accounting, and strategies											Бардыгы модуль бойынша / Итого по модулю / Total for module		
7	Иновациялык менеджмент Innovation management	Беп (ЖК) ПД (БК) PD (UC)	Имен 3301-25 Имен 3301-25 Имен 3301-25	5	5	150	45	30	120	75	0	60	375	2 + 1 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option
1	Каржы Финансы Finance	БП (ТК) БД (КВ) BD (EC)	Fin 2210-25 Fin 2210-25 Fin 2210-25	3	5	150	45	30	15	15	90	2 + 1 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
2	Лизинг Leasing	БП (ТК) БД (КВ) BD (EC)	Lz 2210-25 Lz 2210-25 Lz 2210-25	4	5	150	45	30	15	15	90	2 + 1 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
3	Бухгалтерлік есеп Бухгалтерский учет Accounting	БП (ТК) БД (КВ) BD (EC)	BU 2212-25 BU 2212-25 BU 2212-25	4	5	150	45	30	15	15	90	2 + 1 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
4	Сакталыу Страхование	БП (ТК) БД (КВ) BD (EC)	Str 2212-25 Str 2212-25 Str 2212-25	5	5	150	45	30	15	15	90	2 + 1 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
5	Институционалык экономика Институциональная экономика Institutional economies	БП (ТК) БД (КВ) BD (EC)	IE 3215-25 IE 3215-25 IE 3215-25	5	5	150	45	30	15	15	90	2 + 1 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
6	Налогт и налогообложение Theory and organization of taxes	БП (ТК) БД (КВ) BD (EC)	NIN 3215-25 NIN 3215-25 NIN 3215-25	5	5	150	45	30	15	15	90	2 + 1 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
7	Стратегиялык маркетинг Strategic marketing	БП (ТК) БД (КВ) BD (EC)	Sma 3216-25 Sma 3216-25 Sma 3216-25	5	5	150	45	30	15	15	90	2 + 1 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
8	Логистика Logistics	БП (ТК) БД (КВ) BD (EC)	Log 3216-25 Log 3216-25 Log 3216-25	5	5	150	45	30	15	15	90	2 + 1 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
9	IC-скюпорин IC-Предприятие IC-enterprise	Беп (ТК) ПД (БК) PD (EC)	ICP 3303-25 ICP 3303-25 ICP 3303-25	6	5	150	45	15	30	15	90	1 + 0 + 2	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
10	Салана баскаруу Управление качеством Quality management	Беп (ТК) ПД (БК) PD (EC)	UK 3303-25 UK 3303-25 UK 3303-25	25	25	750	225	135	60	30	75	450	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
Экономика және бизнес / Экономика и бизнес / Economy and business															
Бардыгы модуль бойынша / Итого по модулю / Total for module		Экономика және бизнес / Экономика и бизнес / Economy and business											Бардыгы модуль бойынша / Итого по модулю / Total for module		
1	Коспорин экономикасы Экономика предприятия Economies of enterprise	БП (ЖК) БД (БК) BD (UC)	EP 2207 - 25 EP 2207 - 25 EP 2207 - 25	4	5	150	45	15	30	15	90	1 + 2 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
2	Жаңыдан интеллекте киргизе Введение в Искусственный интелект Introduction to Artificial Intelligence	БП (ТК) БД (КВ) BD (EC)	VI 2213-25 VI 2213-25 VI 2213-25	4	5	150	45	30	15	15	90	2 + 1 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
3	Халкаралык бизнес Международный бизнес International business	БП (ТК) БД (КВ) BD (EC)	MB 2213-25 MB 2213-25 MB 2213-25	4	5	150	45	30	15	15	90	2 + 1 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
4	Халкаралык экономика Международная экономика International economies	БП (ЖК) БД (БК) BD (UC)	ME 2213-25 ME 2213-25 ME 2213-25	5	5	150	45	30	15	15	90	2 + 1 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
5	Туракты даму, экология және тирилик кәуіпсіздигі Устойчивое развитие, экология и безопасность желездейлестиги Sustainable development, ecology and life safety	БП (ЖК) БД (БК) BD (UC)	UREBZh 3207-25 UREBZh 3207-25 UREBZh 3207-25	6	5	150	45	30	15	15	90	2 + 1 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
6	Бизнесі жоспарлау және модельдеу Бизнес-планирование и моделирование Business planning and modeling	БП (ТК) БД (КВ) BD (EC)	BPM 3217-25 BPM 3217-25 BPM 3217-25	6	5	150	45	30	15	15	90	2 + 1 + 0	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
7	Шагын және орта бизнесті ұйымдастыру Организация малого и среднего бизнеса Organization of small and medium-sized businesses	БП (ЖК) БД (БК) PD (UC)	PP 1-25 (EK) PP 1-25 (EK) PP 1-25 (EK)	4	5	150	0	0	0	0	0	5 апта / неделя / weeks	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
8	Өндірістік практика I Производственная практика I Industrial practice I	БП (ЖК) БД (БК) PD (UC)	PP 1-25 (EK) PP 1-25 (EK) PP 1-25 (EK)	25	25	750	180	105	75	0	60	360	Билм алуушунан таңдау бойынша/ По выбору обучающегося/ By student's option		
Экономикалык тагдау және инвестицияларды баскаруу / Экономический анализ и управление инвестициями / Economic analysis and investment management															

Модуль / Module № 9		БелП (ТК) ПД (КВ) PD (EC)	ТБЕ 3305-25 TBE 3305-25 EP 3305-25 EP 3305-25 EP 3305-25	6	5	150	45	30	15	15	90	2 + 1 + 0	Білім алушының таңдауы бойынша/ По выбору обучающегося/ By student's option
1	Сандық экономика Digital Economy	БелП (ТК) ПД (КВ) PD (EC)	ТБЕ 3305-25 TBE 3305-25 EP 3305-25 EP 3305-25 EP 3305-25	6	5	150	45	30	15	15	90	2 + 1 + 0	Білім алушының таңдауы бойынша/ По выбору обучающегося/ By student's option
2	Электрондық үкімет Е-government	БелП (ТК) ПД (КВ) PD (EC)	ERT 4308-25 ERT 4308-25 ERT 4308-25 PNOT 4308-25 PNOT 4308-25	7	5	150	45	30	15	15	90	2 + 1 + 0	Білім алушының таңдауы бойынша/ По выбору обучающегося/ By student's option
3	Еңбек нарығының экономикасы Экономика рынка труда Labor market economics	БелП (ТК) ПД (КВ) PD (EC)	ERT 4308-25 ERT 4308-25 ERT 4308-25 PNOT 4308-25 PNOT 4308-25	7	5	150	45	30	15	15	90	2 + 1 + 0	Білім алушының таңдауы бойынша/ По выбору обучающегося/ By student's option
4	Еңбекті жоспарлау, нормалау және оған ақыл төлеу Планирование, нормирование и оплата труда Planning, rationing, and remuneration	БелП (ТК) ПД (КВ) PD (EC)	ERT 4308-25 ERT 4308-25 ERT 4308-25 PNOT 4308-25 PNOT 4308-25	7	5	150	45	30	15	15	90	2 + 1 + 0	Білім алушының таңдауы бойынша/ По выбору обучающегося/ By student's option
5	Технология және инновация экономикасы Экономика технологий и инноваций Economics of technology and innovation	БелП (ТК) ПД (КВ) PD (EC)	ERT 4308-25 ERT 4308-25 ERT 4308-25 PNOT 4308-25 PNOT 4308-25	7	5	150	45	30	15	15	90	2 + 1 + 0	Білім алушының таңдауы бойынша/ По выбору обучающегося/ By student's option
6	Экономикалық қауіпсіздік Экономическая безопасность Economic security	БелП (ТК) ПД (КВ) PD (EC)	ERT 4308-25 ERT 4308-25 ERT 4308-25 PNOT 4308-25 PNOT 4308-25	7	5	150	45	30	15	15	90	2 + 1 + 0	Білім алушының таңдауы бойынша/ По выбору обучающегося/ By student's option
7	Кәсіпорындардағы экономикалық тәуекелдер Экономические риски на предприятиях Economic risks at enterprises	БелП (ТК) ПД (КВ) PD (EC)	ERT 4308-25 ERT 4308-25 ERT 4308-25 PNOT 4308-25 PNOT 4308-25	8	5	150	45	30	15	15	90	2 + 1 + 0	Білім алушының таңдауы бойынша/ По выбору обучающегося/ By student's option
8	Кәсіпорының дағдарысқа қарсы саясаты Антикризисная политика предприятия Anti-crisis policy of the enterprise	БелП (ТК) ПД (КВ) PD (EC)	ERT 4308-25 ERT 4308-25 ERT 4308-25 PNOT 4308-25 PNOT 4308-25	8	5	150	45	30	15	15	90	2 + 1 + 0	Білім алушының таңдауы бойынша/ По выбору обучающегося/ By student's option
Барлығы модуль бойынша / Итого по модулю / Total for module				20	600	180	120	60	60	0	360		
Қорытынды аттестаттау / Итоговая аттестация / Final assessment													
Модуль № 10				8	240								8 апта / weeks
Қорытынды аттестаттау Итоговая аттестация Final assessment				8	240								
Барлығы модуль бойынша / Итого по модулю / Total for module				8	240	0	0	0	0	0	0		
БАРЛЫҒЫ МОДУЛЬДАР БОЙЫНША / ИТОГО ПО МОДУЛЯМ / TOTAL FOR MODULES				240	7200	2040	1035	945	60	615	3735		

Экспертное заключение на образовательную программу
«6В04110-Экономика»
код и наименование образовательной программы
АО «Казахского университета технологии и бизнеса
им. К. Кулажанова»

Оценка образовательной программы (далее - ОП)
ответствие ОП нормативно-правовым актам МНиВО РК, регламентирующим академическую деятельность.

Образовательная программа «6В04110-Экономика» разработана в соответствии с требованиями закона РК «Об образовании», ГОСО высшего образования Республики Казахстан, типовых правил деятельности организаций образования, правилами организации учебного процесса по кредитной технологии обучения и классификатора направлений подготовки кадров с высшим и послевузовским образованием.

Цель ОП соответствует миссии и стратегии университета. Результаты обучения предполагают компетентностный подход и определяются на основе Дублинских дескрипторов соответствующего уровня образования.

Актуальность образовательной программы заключается в разработке актуальных модулей, результатами обучения которых являются компетенции, необходимые в стремительном инновационном развитии экономики, сопровождающем современные бизнес-процессы.

Б) Соответствие ОП нормативно-правовым актам, регламентирующим профессиональную деятельность: *НРК, ОРК, ПС*, соответствие результатов обучения трудовым функциям (при отсутствии ПС).

Представленная образовательная программа позволяет подготовить специалиста, способного осуществлять профессиональную деятельность в компаниях и организациях различных форм собственности. Программа составлена в соответствии с требованиями заявленных профессиональных стандартов и формирует необходимые для трудовой деятельности результаты обучения. Знания, умения и навыки, формируемые при изучении дисциплин программы, позволяют сформировать компетенции для успешного выполнения трудовых задач и функций в различных организациях, предприятиях, компаниях частного и государственного сектора Республики Казахстан. Формируемые компетенции соответствуют МСКО, НРК, ОРК 6 уровня.

ответствие содержания ОП современному уровню развития отраслей экономики, сфер жизнедеятельности общества, уровню и достижениям современной науки, запросам и потребностям работодателей.

При разработке образовательной программы «6В04110-Экономика» приняли участие работодатели, что усиливает практическую значимость образовательной программы. В целом программа соответствует современному уровню развития общества, учитывает рекомендаций работодателей, достижения науки в различных сферах экономики, что позволяет сформировать у обучающихся необходимую совокупность компетенций, соответствующая требованиям ГОСО и рынка труда.

Предложения по совершенствованию образовательной программы:

Образовательная программа «6В04110-Экономика» актуальна, соответствует требованиям рынка труда, нормативным актам в сфере образования Республики Казахстан.

Вывод:

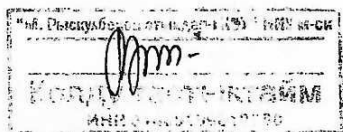
Образовательная программа «6В04110-Экономика» рекомендуется для использования в учебном процессе по направлению подготовки 6В041 «Бизнес и управление».

Экспертизу провели:

Заведующая кафедрой
«Экономика и международные экономические
отношения» им. С.М.Мансурходжаева
НИУ КЭУ им. М.Рыскулбекова



Орунтаева А.Н.



Экспертное заключение на образовательную программу
6В04110-Экономика

код и наименование образовательной программы

АО «Казахского университета технологии и бизнеса
им. К. Кулажанова»

Оценка образовательной программы (далее - ОП)

А) Соответствие ОП нормативно-правовым актам МН и ВО РК, регламентирующим академическую деятельность.

Образовательная программа полностью соответствует всем действующим нормативно-правовым актам Казахстана, включая Государственный общеобязательный стандарт высшего образования (ГОСО) для направления «Бакалавр бизнеса и управления» по образовательной программе «6В04110 - Экономика», требованиям к структуре и содержанию учебного процесса, а также положениям лицензирования образовательной деятельности.

Б) Соответствие ОП нормативно-правовым актам, регламентирующим профессиональную деятельность: ПРК, ОРК, ПС, соответствие результатов обучения трудовым функциям (при отсутствии ПС).

Образовательная программа учитывает требования профессиональных стандартов: «Деятельность в сфере планирования и анализа ресурсов фирмы» (Приложение № 85 к приказу Заместителя Председателя Правления Национальной палаты предпринимателей Республики Казахстан «Атамекен» от 26.12.2019г №263) и «Управление проектами» (Приложение № 93 к приказу Заместителя Председателя Правления Национальной палаты предпринимателей Республики Казахстан «Атамекен» от 26.12.2019г №263), включает все необходимые компетенции, определенные в НРК для 6 уровня и соответствующие 6 уровню ОРК. Результаты обучения соответствуют трудовым функциям, а выпускники обладают квалификациями, востребованными на рынке труда.

В) Соответствие содержания ОП современному уровню развития отраслей экономики, сфер жизнедеятельности общества, уровню и достижениям современной науки, запросам и потребностям работодателей.

Образовательная программа «6В04110-Экономика» актуальна, регулярно обновляется с учетом изменений в экономике, научных достижений, цифровизации и глобальных трендов. Включает современные дисциплины («Цифровая экономика», «Устойчивое развитие», «Креативная экономика» и др.), активно взаимодействует с работодателями и учитывает их запросы при формировании компетенций выпускников.

**Предложения по совершенствованию образовательной программы
6В04110-Экономика:**

С учетом внедрения искусственного интеллекта предлагается внедрить модули в существующие дисциплины либо включить отдельные дисциплины по искусственному интеллекту.

Вывод:

Образовательная программа рекомендуется к использованию в учебном процессе.

Эксперт:
д.э.н., профессор, профессор
кафедры международного бизнеса
Белорусского Государственного
экономического университета

Шмарловская Г.А.

