

MINISTRY OF SCIENCES AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN

M.O. AUEZOV SOUTH KAZAKHSTAN UNIVERSITY

«APPROVED»
 Chairman of the Board-Rector
 D.Zh.Ahmed-Zaki
 «27» 03 2025



EDUCATIONAL PROGRAM

7M04110-Economy

RegistrationNumber	7M04100027
Code and Classification of Education	7M04 Business, Administration and Law
Code and Classification of Areas of Training	7M041 Business and Administration
Group of educational programs (EP)	M070 Economics
Type of EP	Acting
ISCE level	7
NQF level	7
IQF level	7
Language learning	Kazakh, Russian, English
The complexity of EP	120 credits
Distinctive features of EP	-
Partner University (JEP) -	-
University partner (DDEP) -	-

Shymkent, 2025

CONTENT

1.	Concept of the Educational program	4
2.	Passport of the Educational program	6
3.	Competences of the EP graduate	8
3.1.	Matrix for correlating learning outcomes in the EP as a whole with the competencies being developed	9
4.	Matrix of the influence of modules and disciplines on the formation of learning outcomes and information on labor intensity	10
5.	Summary table reflecting the volume of disbursed loans by EP modules	22
6.	Strategies, teaching methods and artificial intelligence, monitoring and assessment	23
7.	Educational and resource support of EP	24
	Approval sheet	25

1. CONCEPT OF THE EDUCATIONAL PROGRAM

University mission	Generating new competencies, training a leader who translates research thinking and culture
University Values	<ul style="list-style-type: none">- Openness - open to change, innovation and cooperation.- Creativity - generates ideas, develops them and turns them into values- Academic freedom - free to choose, develop and act.- Partnership - creates trust and support in a relationship where everyone wins.- Social responsibility - ready to fulfill obligations, make decisions and be responsible for their results
Graduate Model	<ul style="list-style-type: none">- Deep subject knowledge, their application and continuous expansion in professional activity.- Information and digital literacy and mobility in rapidly changing conditions.- Research skills, creativity and emotional intelligence.- Entrepreneurship, independence and responsibility for their activities and well-being.- Global and national citizenship, tolerance to cultures and languages.
Uniqueness of the EP	<ul style="list-style-type: none">- Orientation to the regional labor market and social order through the formation of professional competencies of the graduate, adjusted to meet the requirements of stakeholders.- Practical orientation and emphasis on the development of critical thinking and entrepreneurship, the formation of a wide range of skills that will allow to be functionally literate and competitive in any life situation and be in demand in the labor market.- Serious theoretical training, the study of extensive practical experience of scientific research, communication with highly qualified teachers. Equips graduates with a broad outlook, the ability to think outside the box and bold original solutions. The basis of the educational process according to the educational program is the principle of integration of academic science and higher education, taking into account the practice-oriented approach..
Academic Integrity and Ethics Policy	<p>The university has taken measures to maintain academic integrity and academic freedom, protection from any type of intolerance and discrimination:</p> <ul style="list-style-type: none">- Rules of academic integrity (order No. 212 of October 10, 2022);- Anti-corruption standard (order No. 8 n/a dated 08/01/2025).- Code of Ethics (Order No. 212 of October 10, 2022)
Regulatory and legal framework for the development of EP	<ol style="list-style-type: none">1. Law of the Republic of Kazakhstan “On Education”;2. «Model Rules for the Activities of Organisations of Higher and Postgraduate Education», approved by order of the Ministry of Education and Science of the Republic of Kazakhstan dated October 30, 2018 No. 595 as reworded by order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated June 24, 2024. No. 307;3. Standard rules for admission to training in educational organizations implementing educational programs of higher and postgraduate education, approved by order of the Ministry of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 600 as reworded by order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated July 26, 2024. No. 372;4. State mandatory standards for higher and postgraduate education, approved by order of the Ministry of Education and Science of July 20, 2022 No. 2 as reworded by order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated March 04, 2025. No. 90;5. Rules for organizing the educational process in credit technology of

education, approved by order of the Ministry of Education and Science of the Republic of Kazakhstan dated April 20, 2011 No. 152 as reworded by order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated April 29, 2024. No. 203;

6. Qualification reference book for positions of managers, specialists and other employees, approved by order of the Minister of Labor and Social Protection of the Population of the Republic of Kazakhstan dated December 30, 2020 No. 553 as reworded by order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated June 20, 2024. No. 207;
7. Methodological recommendations for introducing ECTS principles into the educational process and expanding academic freedom. Appendix to the order of the Minister of Science and Higher Education. of the Republic of Kazakhstan dated February 12, 2024 No. 57
8. Guidelines for the development of educational programs for higher and postgraduate education, Appendix 1 to the order of the Director of the National Center for the Development of Higher Education of the Ministry of Education and Science of the Republic of Kazakhstan dated May 4, 2023 No. 601 Н/К

Organization of the educational process

- Implementation of the Bologna Process principles
- Student-centered learning
- Availability
- Inclusivity

Quality support of EP

- Internal quality support system
- Involvement of stakeholders in the development of EP and its evaluation
- Systematic monitoring
- Actualization of the content (updating)

Requirements for applicants

They are established in accordance with the Standard Rules for admission to training in educational organizations implementing educational programs of higher and postgraduate education by order of the Ministry of Education and Science of the Republic of Kazakhstan No. 600 as reworded by order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated July 26, 2024. No. 372

Conditions for the implementation of educational programs (EP) for persons with disabilities and special educational needs(SSN)

For students with SEN (special educational needs) and persons with disabilities (PSI), tactile PVC tiles, specially equipped toilets, a mnemonic diagram, and shower bars have been installed in educational buildings and student dormitories. Special parking spaces have been created. Crawler lift installed. There are desks for people with limited mobility (PLM), signs indicating the direction of movement, ramps. In the educational buildings (main building, building No. 8) there are 2 rooms with six working places adapted for users with disorders of the musculoskeletal system (DMS).For visually impaired users, the SARA™ CE Machine (2 pcs.) is available for scanning and reading books. The library website is adapted for the visually impaired. There is a special NVDA audio program with a service. The JIC website <http://lib.ukgu.kz/> is open 24/7.

An individual differentiated approach is provided for all types of classes and in the organization of the educational process.

2. PASSPORT OF THE EDUCATIONAL PROGRAM

Purpose of the EP	Training of highly qualified, competitive masters for various sectors of the economy and business, scientific and pedagogical activities in the field of research of macro- and microeconomic processes and systems in an innovative economy, capable of making effective management decisions
Tasks of the EP	<ul style="list-style-type: none">- to provide full-fledged, quality scientific and pedagogical education, professional competences in economy, management and organization of production;- to promote acquisition of the high general intellectual level of development, mastering the competent and developed speech, humanitarian culture, high moral, ethical and precepts of law, the culture of thinking and skills of the scientific organization of work;- to contribute to the development of creative potential, an initiative and innovation;- to provide competitiveness of masters at the market of the labor providing an opportunity for the fastest employment in the specialty;- to give an opportunity of the choice by undergraduates of individual education programs, to provide target preparation by orders of the organizations;- to provide profound theoretical, practical and individual training of students in the chosen direction of science and pedagogical activity;- to promote development at students of ability to self-improvement and self-development, requirement and skills of independent creative mastering new knowledge during all their active activity;- to provide training of specialists with the high level of professional culture, including culture of professional communication, having a civic stand, capable to formulate and practically to solve modern scientific and practical problems, to successfully carry out research, pedagogical and administrative activity- creating conditions for the formation of in-demand knowledge and skills, a conscious attitude towards improving the well-being of the population and protecting the planet in the context of the SDGs
Harmonization of EP	<ul style="list-style-type: none">- 7 th level of the National Qualifications Framework of the Republic of Kazakhstan;- Dublin descriptors of the 7th level of qualification;- 2 cycle of a Framework for Qualification of the European Higher Education Area);- 7th Level of European Qualification Framework for Life long Learning)
Connection of EP with the professional sphere	EP 7M04110 - Economy match to professional standards: <ul style="list-style-type: none">- Professional standard: "Activities in the field of planning and analysis of company resources" (approved by 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 №263-Appendix 85)- Professional standard: "project Management "(approved by 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 №263-Appendix 93)- Professional standard: "Development and transformation of innovative ideas "(approved by the order of the Deputy Chairman of the Board of the National chamber of entrepreneurs of the Republic of Kazakhstan "Atameken" dated 24.12.2019 No. 259-Appendix 9)- Professional standard: "Teacher (teaching staff of the organization of higher and postgraduate education)" (approved by the Order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 11/20/2023 №591)
Name of the degree awarded	After the successful completion of this EP, the graduate is awarded the degree of Master of Economic Sciences«7M04110-Economy» of the educational program
List of qualifications and positions	The Master of the educational program 7M04110-Economy can hold the positions of chief economist, head of various departments of enterprises of various forms of ownership and industry affiliation, teachers and researchers (in higher educational institutions, research institutions, design and design organizations) without

presenting work experience requirements in accordance with the qualification requirements of the Qualification Directory of positions of managers, specialists and other employees, approved by the Order of the Minister of Labor and Social Protection of the Population of the Republic of Kazakhstan dated 30.12.2020 No. 553.

Field of professional activity

Economic, financial, marketing, and analytical services of organizations of various forms of ownership, public authorities, research organizations, institutions of higher and additional education

Objects of professional activity

The objects of graduates' professional activity are research institutes; higher education institutions; state and local government bodies; production and economic and planning and economic, social and managerial and marketing, financial and analytical services of enterprises and organizations; units of foreign economic activity

Subjects of professional activity

The subjects of professional activity of the master in EP 7M04110-Economics is the ability to conduct scientific and pedagogical activities, analysis of technical and economic indicators of the enterprise for making strategic, tactical, managerial and operational decisions.

Types of professional activity

Master in EP 7M04110-Economy can perform the following types of professional activity: production and management; research; pedagogical; organizational and technological; design

Learning outcomes

LO1 Communicate in a foreign language in interpersonal communication, professional activity, taking into account the principles of academic writing and the culture of academic honesty

LO2 Analyze various facts, phenomena and processes arising in science at the present stage of its development, based on the provisions and categories of the philosophy of science

LO3 Develop effective strategies, plans and forecasts for the development of enterprises, industries, regions, national and global economy

LO4 To make effective decisions in professional activities using artificial intelligence, offering ways to improve and transform business processes, taking into account the allocation and use of resources, processes and risks in the national economy

LO5 Identify reserves for improving the efficiency, competitiveness and security of socio-economic systems in the field of economic relations using effective management tools

LO6 Conduct scientific research in the field of environmental and socio-economic systems, taking into account social, ethical and scientific considerations

LO7 Synthesize innovative ideas forming design solutions based on the introduction of innovations and investments taking into account the uncertainty factor

LO8 To organize and conduct training sessions based on the principles of student-centered learning and assessment of modern and innovative technologies, taking into account the integration of education, science and innovation and the specifics of the profession

LO9 Manage people and their actions taking into account their psychology, abilities and motivation

3. COMPETENCES OF AN EP GRADUATE

GENERAL COMPETENCIES (SOFT SKILLS). Behavioral skills and personal qualities	
GC 1. Competence in managing one's literacy	GC 1.1. Strive for professional and personal growth throughout your life. GC 1.2. Constantly update their knowledge within the chosen trajectory and in the conditions of interdisciplinarity, carry out further training with a high degree of independence and self-regulation. GC 1.3. Be capable of reflection, objective assessment of their achievements, awareness of the need to form new competencies and continue their education in doctoral studies
GC 2. Language competence	GC 2.1. Ability to possess a sufficient level of communication in the professional field in the state, Russian and foreign languages for conducting negotiations and business correspondence. GC 2.2. The ability to possess mediation skills and cross-cultural understanding.
GC 3. Mathematical competence and competence in the field of science	GC 3.1. Ability to interpret methods of mathematical analysis and modeling for solving applied problems in the studied field GC 3.2. The ability to plan scientific experiments, integrate and implement the results of scientific research in the professional field. GC 3.3. The ability to analyze and comprehend modern methods of pedagogical and psychological science and apply them in pedagogical activity.
GC 4. Digital competence, technological literacy	GC 4.1. The ability to confidently use modern information and digital technologies, artificial intelligence systems for work, leisure and communication. GC 4.2. Proficiency in the use, recovery, evaluation, storage, production, presentation and exchange of information in a wide range of digital devices. GC 4.3. The ability to confidently use global information resources and apply technological literacy in research and analytical activities.
GC 5. Personal, social and educational competencies	GC 5.1. Knowledge of the norms of business ethics, social and ethical values and focus on them in professional activities. GC 5.2. Formation of a personality capable of mobility in the modern world, critical thinking and physical self-improvement. GC 5.3. The ability to work in a team, correctly, clearly and argumentatively defend their position during discussions and make professional decisions.. GC 5.4. The ability to adequately navigate in various social spheres of activity and in conditions of uncertainty. GC 5.5. The ability to find compromises, correlate your opinion with the opinion of the team.
GC 6. Entrepreneurial competence	GC 6.1. The manifestation of leadership qualities and the ability to have a positive impact on others, to lead a team. GC 6.2. The ability to create conditions for the development of creative and entrepreneurial skills of the team. GC 6.3. The ability to work in the mode of uncertainty and rapid change of task conditions, make decisions, respond to changes in working conditions, allocate resources and manage your time. GC 6.4. Ability to work with consumer requests.
GC 7. Cultural awareness and ability to self-	GC 7.1. The ability to show ideological, civic and moral positions. GC 7.2. The ability to be tolerant of the tradition and culture of other

expression	peoples of the world, to possess high spiritual qualities.
GC 8. Pedagogical competencies	GC 8.1 The ability to apply modern methods and techniques of teaching economic disciplines in higher educational institutions; GC 8.2 The ability to develop curricula, programs and appropriate methodological support for the teaching of economic disciplines in higher education
PROFESSIONAL COMPETENCIES (HARDSKILLS).	
Theoretical knowledge and practical skills specific to this field	PC1 - the ability to deeply analyze socially significant problems and processes and use the methods of social and humanitarian and fundamental sciences in their work; have an idea of the economic laws of a market economy and their forms of manifestation, the processes of globalization and internalization taking place in the modern world;
	PC2 - the ability to summarize and critically evaluate the results obtained by domestic and foreign researchers, identify promising areas, draw up a research program; substantiate the relevance, theoretical and practical significance of the chosen topic of scientific research; conduct independent research in accordance with the developed program; present the results of the study to the scientific community;
	PC3 - the ability to manage economic services and units at enterprises and organizations of various ownership forms, in state and municipal authorities; to develop options for management decisions and justify their choice on the basis of criteria of socio-economic efficiency;
	PC4 - the ability to independently prepare tasks and develop design solutions taking into account the uncertainty factor, develop appropriate methodological and regulatory documents, as well as proposals and measures for the implementation of developed projects and programs;
	PC5 - the ability to integrate knowledge, cope with difficulties and make judgments based on incomplete or limited information, taking into account ethical and social responsibility for the application of these judgments and knowledge

3.1 Matrix for correlating learning outcomes in the EP as a whole with the competencies being developed

	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9
GC 1	+					+	+		
GC 2	+								
GC 3	+	+	+			+			+
GC 4				+			+		
GC 5									
GC 6							+	+	
GC 7		+	+						
GC 8		+	+						+
PC 1		+	+	+		+			+
PC 2			+	+	+		+		
PC 3					+				
PC 4	+					+	+	+	+
PC 5									

4. MATRIX OF THE INFLUENCE OF MODULES AND DISCIPLINES ON THE FORMATION OF LEARNING OUTCOMES AND INFORMATION ON LABOR INTENSITY

№	Name of module	Cycle	Component	Name of discipline	Brief description of the discipline	Quantity loans	Formed LO (codes)										
							L O 1	L O 2	L O 3	L O 4	L O 5	L O 6	L O 7	L O 8	L O 9		
1	Module of scientific and pedagogical training	BD	HsC	History and philosophy of science	<p>Purpose: Study of the problems of the science phenomenon as a subject of special philosophical analysis, patterns and trends in the development of special activities for the production of scientific knowledge taken in a social and cultural context.</p> <p>Contents. Study of the laws of the development of science and the structure of scientific knowledge, methods of scientific research. Knowledge of the main concepts and directions of the non-classical and post-classical stage of the development of science. Analysis of the realities of modern theory and practice based on understanding the methodology of natural science, social and humanitarian and technical knowledge. Technologies for the development of critical thinking: consideration and study of the logic of arguments. Formation of critical reflexive thinking and metacognitive abilities.</p>	4		V									
2		BD	HsC	Foreign language (professional)	<p>Purpose: systematic deepening of communicative competence within the framework of international standards of foreign-language education based on the further skills development and skills of active language proficiency in the professional activities of the future master's student. Contents.B2,C1 levels are presented in the form of pragma-professional orientation for professional and academic purposes at an advanced level: scientific and information base, interpretation of scientific information, argumentation, beliefs, scientific controversy, academic writing. Using innovative methods and technologies, and attracting modern means (Internet resources). Demonstration of knowledge of language material in any related discipline.</p>	4	V										
3		BD	HsC	Psychology of management	<p>Purpose: Building system knowledge and skills in effective human resources management.</p>	3											

					Contents: Introduction to management psychology. Psychological factors of management performance. Identity in the management system. Motivation and performance of the organization. Leadership in the organization. Stresses in organization and emotional burnout. Psychology of conflict management. Personality of the subordinate. Psychological features of the personality of the leader. Psychological influence in management activities. Psychological foundations of management decision-making. Interpersonal communication in management													
4	Teaching methodology	BD	HsC	Pedagogy and psychology of Higher School	The purpose of the course is to develop undergraduates' skills and abilities to effectively organize professional and pedagogical activities at a university based on modern psychological and pedagogical knowledge. Content: Modern paradigms of higher education. History, trends and strategies of higher education development in Kazakhstan. The subject, tasks, and categories of higher school pedagogy and psychology. Methodological foundations of higher school pedagogy and psychology. Professional competence of a university teacher. The communicative competencies of a university teacher. Higher school didactics. Psychological features of student age. The university learning process and its patterns. The content of education at the university. Forms of organization of the educational process at the university. Technologies of organization and implementation of the educational process at the university. Features of the credit training system. Methods and methods of teaching.	5												V
6		BD	HsC	Pedagogical Practice	Purpose: Formation and development of job skills of a professor of higher education in a master's student; mastering the basics of pedagogical skills, skills and skills of independent training and educational work. Contents. Structure of the educational process in higher education. Study of the management system of a higher educational institution, the structure and functions of the main services and divisions of the university; Basic theories, concepts and technologies of training in the higher education system. Study of scientific and methodological literature. Attending lecture sessions of	4												V

					leading professors. Development of new active forms of conducting classes. Preparation and conduct of practical and seminar sessions in special disciplines												
6	Investment and Innovation Activity and Economic Security	PD	HsC	Behavioral economics (advanced course)	Purpose: To provide graduate students with an in-depth understanding of theoretical developments within the framework of behavioral economics and their practical application, namely, an understanding of universal methods for studying economic agents, tools and mechanisms that influence behavior and shape it Content: Introduction. Basics of behavioral economics. Points of reference. Decision making in time, risk, and uncertainty. Social preferences. Imperfect judgment. Anomalies in decision making. Nudges and choice architecture. Theories of decision making. Heuristics. Behavioral effects: application in business and life. Experiment in behavioral economics. Choice architecture. Traditional and behavioral finance. Experimental economics. Market inefficiencies. Models based on investors' preferences and beliefs	5				V	V	V					
7		BD	EC	Business Planning for Innovation Projects	Purpose: formation of a comprehensive idea of the content of business planning processes by the investment and innovation activities of the organization in modern conditions and the acquisition of practical skills to develop effective decisions on its individual aspects. Contents: The essence, structure and features of business planning of innovative projects. Stages of development of innovative business projects. Information support of the process of business planning of innovative projects. Business planning methodology for innovative projects. Performance assessment indicators of innovative projects. Methodology for determining the effectiveness of innovative projects. State policy for identification and financing of priority innovative projects.	4			V					V			
8		BD	EC	Strategic Planning of Investments	Purpose: study of methodological and methodological issues of strategic planning of investment activities and development of investment projects. Contents. Enterprise planning system. Choosing an enterprise development strategy. Forecasting production according to competition. Planning to increase production capacity. Planning the required production resources.				V	V					V		

				Manpower forecasting methodology. Financing and capital investment planning. Investments and sources of financing for investment projects. Cost-effectiveness of investment projects. Evaluation of future expenses and results of investment projects.													
9		BD	EC	Economic Security of State	Purpose: formation of theoretical knowledge on the system of national economic security and practical skills in analyzing economic threats and determining ways, forms and methods of solving the country's economic security. Contents: National economic security system and its content. Monitoring of national economic security. Forecasting threats to national economic security. Economic security system of Kazakhstan. Security of foreign economic activity of the state. Risk management in the economic security system. Shadow economy as a component of economic security	4			V	V	V						
10		BD	EC	Innovative Entrepreneurship	Purpose: study of fundamental concepts of innovative development, modern approaches and methods of entrepreneurial activity in the field of new and high technologies to ensure the competitiveness of an innovative enterprise in the market. Contents. Innovation process and concepts of innovative development. Forms of innovative entrepreneurship. Factors and conditions for the development of innovative entrepreneurship. Innovation market infrastructure. Strategies for technological and product innovation. Competitive strategies of innovative organizations. Change management. Development of an innovative product commercialization model. Financing of business activities in the field of new and high technologies.				V						V		
11				Research Practice	Purpose: systematization, expansion and consolidation of professional knowledge, formation of skills of conducting independent scientific work, research and experimentation in undergraduates related to solving complex professional problems in innovative conditions. Contents. Familiarization with the activities of the organization, the main regulatory and regulatory documents. Performance of labor operations within the framework of functional duties of employees. Collection and processing of actual material and statistical data,	6			V						V		

					analysis of the relevant characteristics of the organization. Performance of individual assignment and RWMS's assignment (in accordance with the topic of the master's thesis). Preparation and protection of the report.												
12	Regional economy in conditions of sustainable development	PD	EC	Planning and Design in Regional Economy	Purpose: formation of knowledge on the main categories, theoretical, methodological and organizational foundations of regional forecasting and planning. Contents: Theoretical foundations of forecasting and planning. Forecasting and planning methods. Expert assessments in planning and forecasting. Forecasting and planning of national and regional economies. Forecasting and planning of labor resources, social development and consumer market. Forecasting and planning the development of production infrastructure and public services. Forecasting and planning of regional development and environmental protection activities. Ways to solve urgent problems of planning and forecasting the development of regions.	6			V		V	V					
13		PD	EC	Artificial Intelligence in the Analysis of Economic Systems	Purpose: To develop undergraduates' skills in applying artificial intelligence methods and tools to analyze, model, and predict economic processes and systems. Contents: Introduction to artificial intelligence. Intelligent systems in the economy. Processing and analysis of big data in economic research. Artificial neural networks and their application in economic modeling. Econometric models with elements of artificial intelligence. Forecasting of socio-economic processes using artificial intelligence. Recognition of patterns and anomalies in economic data. Artificial intelligence-based decision support systems in economics. Intelligent agents and behavior modeling of economic entities.					V		V					
14		PD	EC	Cluster Policy and Industrial Development of the Region	Purpose: formation of a holistic idea of the institute of clustering of modern economy and practical approaches to problems of industrial development of regions, taking into account modern world trends. Contents: Theories of cluster economic development. Principles, features and types of clusters. Problems in the formation and implementation of state cluster policy. Prerequisites and steps for organizing clusters. International experience in organizing cluster systems. Industrial cluster policy in the aspect of economic development of regions of		5			V	V	V					

				Kazakhstan. The main directions of regional cluster policy in Kazakhstan. Mechanisms for state regulation of cluster functioning. Evaluation of the performance of territorial clusters.													
15		PD	EC	Innovative Development of Regional Economy	Purpose: familiarization with the peculiarities of innovative development of regions and the formation of practical skills in the analysis of innovative processes. Content: Regional innovation systems: models of formation, features and functioning of development. Classification of innovative infrastructure. Socio-economic factors of innovative development of the region and their assessment. Innovative climate, innovative environment. Information support of innovation processes in the region. The effectiveness of regional technology parks and business incubators. State innovation policy in the region. Problems of sustainable development of regions of different levels; monitoring of economic and social development of regions of different levels. Assessment of the role of the region in the national economy: methods, indicators.			V	V				V				
16		PD	EC	Methods of Scientific and Applied Researches in Economy	Purpose: to form students' comprehensive understanding of the methodology and research methods used in market practice and in the academic environment, as well as possible tools and technologies for the implementation of research in economics. Contents: Theoretical and methodological foundations of business research in Economics. Instrumental means of scientific research. Principles of the organization of scientific research. Empirical research methods in Economics. Theoretical methods of research in Economics. Forecasting methods in scientific research. Methods of marketing research in management decision-making. Investment analysis and financial modeling.	5							V	V			
17		PD	EC	Theoretical and Methodological Problems of Innovation Economy	Purpose: to develop skills of analysis, evaluation and management of innovative economic development and managerial decision-making in solving problems of the innovative economy. Contents: Theoretical and methodological foundations of management of innovative development of the economy. Factors and conditions of the transition of the economy to an innovative type of			V					V	V			

					development. Signs and indicators of innovative type of development. Evolution of types of economic development. State innovation policy. Directions of state support of innovation activity. Features of innovation policy at the regional level. Formation and development of innovation infrastructure and innovation systems. Regional innovation systems: models of formation, features of functioning and development.										
18	Modernization, Competitiveness and Innovation Potential of Economic Systems	PD	EC	National Economic Systems	Purpose: to form an integral system of theoretical knowledge about the trends and patterns of development of the national economic system, the features of socio-economic development of economic systems. Content: Elements of the economic system. Modern market economy. The traditional economic system. Administrative and command system. Economic models within economic systems. National economy of Kazakhstan: historical aspect. The economic potential of Kazakhstan. Economy and the state. Institutional economics. The state budget. Monetary circulation in Kazakhstan. The banking system of Kazakhstan. Strategic programs for the integrated development of the national economy. Integration of the national economy into the world economic system.	6			V	V	V				
19		PD	EC	Globalization and Modernization of Economic Systems	Purpose: to form a comprehensive understanding of the features of the socio-economic and economic-political systems of the most important states of the world, world development models, strengths and weaknesses in the conditions of the modern globalizing world. Contents: Theoretical aspects of comparative analysis of systems. Classification of socio-economic systems. Structural elements. World development models, their common and specific features. Selection and formation of a new socio-economic system. Globalization of the economy: pros and cons. Kazakhstan's place in the world economy system. Global challenges of our time and the choice of the direction of economic development of Kazakhstan at the present stage. Prospects and opportunities for modernization of the Kazakh economy.				V	V	V				
20		PD	EC	Competitiveness of National	Purpose: Systematic presentation generalization of theoretical and practical approaches to the problems of	4			V	V	V				

				Economy	improving the competitiveness of the country, the choice of basic methods and tools to ensure competitive advantages, taking into account current global trends Contents: Theoretical and practical approaches to the problems of improving the competitiveness of the country. The main methods and tools for ensuring competitive advantages, taking into account current global trends. Methodology for assessing the competitiveness of the economy The main directions of creating national competitive advantages. Improving the competitive environment of the national economy Foreign and domestic experience of economic reforms that increase the competitiveness of the country.													
21		PD	EC	Innovative Potential of Economic Systems	Purpose: formation of a complex of knowledge about effective management of innovation processes in modern conditions and development of practical skills to work with the latest methods of assessing the innovative potential of economic systems Content: Innovation potential: its essence and main elements. Methods of assessing the innovative potential of the economic system, identifying its positive aspects and disadvantages. Innovative diffusion in economic systems. Methodology for assessing the impact of the use of innovative potential on the parameters of the development of economic systems. Factors characterizing the innovation potential of the economic system. The structure of the innovation potential of the economic system. Assessment of the innovation potential of the economic system.			V	V					V				
22	Sectoral Economics and Labor Economics	BD	EC	Economy of Industry's Branches	Purpose: to study the mechanisms of functioning of the industry of Kazakhstan and the manifestation in the industries of objective economic laws, conditions and factors that ensure their effective functioning in the conditions of industrial and innovative development of the economy of the Republic of Kazakhstan. Contents: Industrial structure and its changes. Fixed assets of industry and working capital of industry. Minerals, the use of secondary resources. Fuel and energy resources, energy consumption and fuel consumption of industries. The cost of industrial production: structure, features of industries. Profit and profitability in industry: factors of change,	7		V	V	V								

				growth stocks. State policy in the placement of production facilities													
23		BD	EC	Modern Models of Branch Economy	Purpose: systematic study of modern models of functioning of the branch economy of Kazakhstan and acquisition of practical skills in the field of analysis and forecasting of industry markets Content: General economic and branchstructure. Industry has its place in the development of the economy. The economic boundaries of the industry and their determining factors. The place of the industry in the national economy. Complex-forming properties of the industry. Productive forces of the industry and their structure. Industry personnel, productivity and remuneration in the industry. Market power: organizational forms. Principles and factors of the placement of enterprises in the industry. Integration and diversification of production. Industry and the efficiency of the economy.			V	V	V							
24		PD	EC	Labor Economics and Human Development Management	Purpose: to form a system of knowledge in the field of labor economics necessary for conducting a comprehensive economic analysis of labor, studying socio-economic relations in the labor sphere and managing socio-labor relations Content: The labor resources of the country, the essence and composition. Labor activity. The labor market. The mechanism of functioning of the labor market. Formation and regulation of the labor market. Employment and unemployment in the labor market. Human resource management. Productivity and labor efficiency. Organization, rationing and working conditions. The organization's staff. The personnel potential of the organization of the construction sector. Remuneration of labor in the development of market relations in the economy. Staff motivation and labor stimulation.	5		V	V	V							
25		PD	EC	Risks of Education, Migration and Labor	Purpose: to form knowledge about current trends in the development of labor migration, risk management in education and to develop practical skills for analyzing modern problems of labor migration and their impact on the state and prospects of development of the national economy. Content: Social risks: from education to migration. Classification of risks in the activities of			V	V	V							

					educational organizations. Classification of migration. Educational interregional migration: causes and socio-economic consequences. Migration and globalization. The impact of migration on the socio-economic development of territories. Regulation of labor migration. Formation of migration policy of Kazakhstan. Occupational risks and its assessment in occupational safety.										
26	Global Economy and Climate Change	PD	EC	Economy of Foreign Countries	Purpose: formation of knowledge about the peculiarities of the structure of national economies of individual states, groups of countries, trends in their development and factors affecting economic processes. Contents: General characteristics of the modern world economy. Economic models of national economies and their specifics. USA and Canada in the modern world economy. The European Union in the system of the modern world economy. The economic model of Japan. The economy of new industrial countries. The economic model of the Arab countries. The economy of African countries. Features of the economic development of the countries of Central and Eastern Europe. The economy of the CIS countries.	6			V	V					
27		PD	EC	Economy and Industry Structure of World Economy	Purpose: to reveal the regularities of the formation of the sectoral structure of the world economy, the relationship, connections and proportions between large groups of industries and individual sectors of the global economic complex Contents: Characteristics and structure of the world economy. The main stages in the development of the sectoral structure of the world economy and the formation of the territorial structure of the economy. The main features of the development of branches of the world economy at the present stage of development. International economic integration. Capital resources of the world economy and its sectoral structure. The structure of the resource potential of the world economy. Branch structure of modern industry. Political and economic prerequisites for the inclusion of Kazakhstan in the world economy.				V	V					
28		PD	EC	Environmental Economics and Climate Change	Purpose: to master the basic concepts in the field of environmental economics, the relationship between human economic activity and climate change, and to develop		5			V	V				

					practical skills in making managerial decisions to ensure sustainable economic development Contents: The state of the environment in the world. Sustainable development. Economic assessment of the environment. Environmental policy instruments. Environmental problems. Public resources. Climate change. The economics of damage. International cooperation in the field of countering climate change. Water resources and their management. The state of the environment in Kazakhstan. The environment in the strategies of companies. Green technologies.											
29		PD	EC	Green Economy and Resource-Saving Management	Purpose: Formation of knowledge and skills to justify the adoption of effective management decisions in the field of "green" economy and in the field of implementation of problems of resource-saving activities Content: The economic content of the green economy and sustainable development. Economic mechanisms and conditions of transition to a "green" economy. Indicators of sustainable development. Conditions and opportunities for the transformation of a technogenic type of economic development into a "green" economy. The main directions of the transition to a "green" economy and the greening of the economy. Foreign experience in the development of the "green economy".						V	V				
30	Module of scientific-research work and Final Certification			Research work of a master student, including passing an internship and completing a master's thesis	Purpose: to prepare undergraduates both for independent research work and for conducting scientific research as part of a creative team. Content: Performance of tasks of the supervisor in accordance with the approved plan of research work. Participation in the research work of the department, scientific and methodological seminars of the department, development of project documents and other provisions related to the subject area of scientific research, in joint research projects and programs. The use of modern methods of data processing and interpretation using computer technology. Preparation and defense of a master's thesis.	24	V	V				V	V			
31				Execution and Defense of Master's Thesis	Purpose: To confirm the level of professional training of the graduate in the relevant master's program and the degree of mastery of the methodology of scientific knowledge and compliance of the acquired knowledge,	8		V	V	V	V					

				<p>skills, skills and competencies with the requirements of the state mandatory standards of education of the magistracy</p> <p>Content: Assesses the level of knowledge and skills acquired by the graduate, the level of formation of key and professional competencies acquired by the graduate. Establishes the graduate's readiness for independent professional activity. Contributes to the decision to award a Master's degree in Economics under the educational program 7M04110-Economics.</p>													
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**5.SUMMARY TABLE REFLECTING THE VOLUME OF DISBURSED LOANS BY EP
MODULES**

Course of study	Semester	Amount of the mastered modules	Amount of the studied disciplines		Amount of KZ credits					Total in hours	Total KZ credits	Amount	
			Compulsory component	University component	Optional component	Theoretical training	Physical education	Training practice	Production practice			exam	Differential check
1	1	4	5	2	29			1		900	30	6	2
	2	3		4	23	4		3		900	30	4	2
2	3	5		5	26		6	3		1050	35	5	2
	4	4						17	8	750	25		1
Total			5	12	78	4	6	24		3600	120	15	7

6. STRATEGIES, TEACHING METHODS AND ARTIFICIAL INTELLIGENCE, MONITORING AND ASSESSME

<p>Learning strategies</p>	<p>Student-centered learning: The student is the center of teaching/learning and an active participant in the learning and decision-making process.</p> <p>Practice-oriented training: orientation to the development of practical skills.</p>
<p>Teaching methods</p>	<p>Conducting lectures, seminars, various types of practices with:</p> <ul style="list-style-type: none"> • the use of innovative technologies; • problem-based learning; • case study; • work in a group and creative groups; • discussions and dialogues, intellectual games, olympiads, quizzes; • reflection methods, projects, benchmarking; • Bloom's taxonomies; • presentations; • * rational and creative use of information sources: • * multimedia training programs; • * electronic textbooks; • * digital resources. • * machine learning methods <p>Organization of independent work of students, individual consultations.</p>
<p>Monitoring and assessment of the achievability of learning outcomes</p>	<p>Current control on each topic of the discipline, control of knowledge in classroom and extracurricular classes (according to syllabus).Assessment forms:</p> <ul style="list-style-type: none"> • survey in the classroom; • testing on the topics of the discipline; • control works; • protection of independent creative works; • discussions; • trainings; • colloquiums; • essays, etc. <p>Boundary control at least twice during one academic period within the framework of one academic discipline.</p> <p>Intermediate certification is carried out in accordance with the working curriculum, academic calendar.</p> <p>Forms of holding:</p> <ul style="list-style-type: none"> • exam in the form of testing; • oral exam; • written exam; • combined exam; • project protection; • protection of practice reports. <p>Final Attestation.</p>

7. EDUCATIONAL AND RESOURCE SUPPORT FOR EP

<p>Information Resource Center</p>	<p>The structure of Information Resource Center has 6 subscriptions, 16 reading rooms, 2 electronic resource centers (ERC). The basis of the network infrastructure of Information Resource Center consists of 180 computers with Internet access, 110 automated workplaces, 6 interactive whiteboards, 2 video doubles, 1 videoconferencing system, 3 scanners of A-4, A-3 format. The software of Information Resource Center – automated information library system «IRBIS-64» for MS Windows (a basic set of 6 modules), an autonomous server for uninterrupted operation in the IRBIS system.</p> <p>The library fund is reflected in the electronic catalog available to users on the website http://lib.ukgu.kz on-line 24 hours 7 days a week.</p> <p>Thematic databases of own generation have been created: «Almamater», «Works of scientists of SKSU», «Electronic Archive». Online access from any device 24/7 via an external link http://articles.ukgu.kz/ru/pps.</p> <p>Work with catalogs takes place in electronic form. The electronic catalog consists of 9 databases: «Books», «Articles», «Periodicals», «Works of the teaching staff of SKSU», «Rare books», «Electronic Fund», «SKSU in the press», «Readers of SKU».</p> <p>The Information Resource Center provides its users with 3 options for accessing its own electronic information resources: from the Electronic Catalog terminals in the catalog hall and divisions of the Information Resource Center; through the university's information network for faculties and departments; remotely on the library's website http://lib.ukgu.kz/.</p> <p>Access to international and republican resources is open: «SpringerLink», «Envoy», «Web of Science», «EBSCO», «Epigraph», to electronic versions of scientific journals in open access, «Zan», «RMEB», «Adebiyet», Digital library «Aknurpress», «Smart-kitap», «Kitap.kz», etc.</p> <p>The library's website has been adapted to the work of visually impaired users in the Information Resource Center for people with special needs and disabilities.</p>
<p>Material and technical base</p>	<p>The material and technical base of the university: library, reading rooms and subscription rooms, laboratories, specialized rooms and classrooms, equipped with modern technical training facilities, canteens and buffets, medical centers, sports halls. All computer classes are equipped with new generation computers and LCD monitors, integrated into a local network and connected to the Internet, the services of which all employees and students use for free and without limitation of time. University units are equipped with computers, printers, audio-video equipment. There are interactive boards, multimedia projectors, panoramic screens in classes. The university has a sufficient sports base. Academic mobility (internal and external) is carried out to obtain additional experience and competencies in the form of credits both among teaching staff and students.</p> <p>The university has 83 lecture classrooms, 200 practical and special classrooms, 159 laboratories and workshops, 71 computer classes, 2 linguistic rooms, 9 multimedia rooms, 2 self-knowledge rooms, 3 resource centers, etc. Audiences are equipped with modern equipment and devices necessary for conducting classes. The material and technical base is updated according to the requests of the departments.</p>

APPROVAL SHEET
on the Educational Program 7M04110 "Economy"

Director of DAA



signature

A. Naukenova

Director of DAsC



signature

U. Nazarbek