

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN

KARAGANDA UNIVERSITY
NAMED AFTER ACADEMICIAN EA.Buketov

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«13/03» 2023 y.

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EDUCATIONAL PROGRAM
in the direction of training "7M041 Business and administration"

«7M04106-Project management»
Level: Master

Karaganda, 2023

The educational program in the specialty «7M04106-Project management» was developed on the basis of:

- Law of the Republic of Kazakhstan dated July 27, 2007 No. 319-III "On Education" (with amendments and additions as of 03/27/2023),
- Order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated July 20, 2022 No. 2. Registered with the Ministry of Justice of the Republic of Kazakhstan on July 27, 2022 No. 28916. "On the approval of the state mandatory standards of higher and postgraduate education"
- On the approval of the Concept of Development of Higher Education and Science in the Republic of Kazakhstan for 2023-2029, approved by the Decree of the Government of the Republic of Kazakhstan dated March 28, 2023 No. 248.
- On approval of the Rules for the organization of the educational process on credit technology of education in organizations of higher and (or) postgraduate education Order of the Minister of Education and Science of the Republic of Kazakhstan dated April 20, 2011 No. 152. Registered with the Ministry of Justice of the Republic of Kazakhstan on May 27, 2011 No. 6976 (with amendments and additions dated 04/05/2023)
- The National Qualifications Framework of March 16, 2016 by the Republican Tripartite Commission on Social Partnership and Regulation of Social and Labor Relations.
- Classifier of training areas with higher and postgraduate education dated October 13, 2018 No. 569 (as amended by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated 06/05/2020 No. 234)

Educational program in the specialty
«7M04106-Project management»

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1. Passport of the educational program

1. Code and name of the educational program: «7M04106-Project management».
2. Code and classification of the field of education, areas of training: education - 04 Business, management and law; training area 7M041 - Business and management
3. Group of educational programs: M072 Management and management
4. Amount of credits: 120
5. Form of study: full-time
6. Language of instruction: Kazakh, Russian, English.
7. Degree: Master of Science in the educational program «7M04106-Project management».
8. Type of EP: current
9. ISCED level: 7
10. Level according to NFK: 7
11. Level according to SQF: 7
12. Distinguishing features of the EP
13. Number of the appendix to the license for the direction of personnel training: № KZ83LAA00018495 date of issue 28.07.2020, Appendix 016
14. Name of accreditation body and period of accreditation of EP:
15. The purpose of the OP is to training of specialists who are competitive in the labor market, in demand by modern organizations of the world and national level, able to effectively develop and coordinate the implementation of investment and innovation projects, taking into account risk management mechanisms.
 - a) The list of graduate positions: A graduate of the Master's degree is awarded the degree of Master of Economics in the educational program «7M04106 - Project Management» and he can hold the positions of: chief economist, chief manager-analyst, head of various departments in government management structures, head of enterprises of various forms of ownership and industry affiliation, researcher in research institutes, a teacher at universities. The educational program is aimed at training specialists in company development; analysts in the field of enterprise development; specialists in the field of investment and innovation business, as well as in the field of PPP, project managers and analysts, developers and experts; specialists and analysts in the field of project management.
 - b) Scope and objects of professional activity of the graduate:

The sphere of professional activity of graduates of the educational program «7M04106 - Project Management» are: state bodies, enterprises, institutions and organizations of all forms of ownership, management bodies of state regulation of the economy in the links of market infrastructure, research institutions. The Master of Economic Sciences in the specialty «7M04106 - Project Management» can carry out analytical, research, organizational and managerial (administrative), project and educational (pedagogical) activities in the following areas: study of the functioning of industry and regional markets, economic entities of various organizational and legal forms; improvement of the enterprise management system; formation of economic strategy and enterprise policies; development and application of modern project management methods, regulation of socio-economic relations at the state, industry and intra-company levels.

The objects of professional activity of masters in the educational program «7M04106 - Project Management» are: economic, financial, marketing, production, economic and analytical services of organizations and enterprises, regardless of their type of activity, form of ownership, categories of participants (residents and non-residents of the Republic of Kazakhstan), organizational and legal forms, venture funds, innovative companies, business angels, companies implementing startup and PPP projects, investment companies, state bodies of the republican and local levels; consulting organizations, research institutes, educational institutions of primary vocational, secondary vocational, higher professional education.
 - c) Types of professional activity of the graduate:

- Organizational and technological activities. The Master in this field has the skills for qualified work in the field of development, implementation and application of management technology in a particular organization, including the comprehensive analysis and control of proper compliance with management technology, participates in the creation of scientific, methodological and organizational and technological management base, develops together with other specialists and applies the most effective methods, rules and processes of planning, investment, innovation and environmental management, conducting external economic activities of organizations and enterprises; systematizes and summarizes information for conducting economic calculations on the activities of economic entities

based on standard methods, taking into account the current regulatory framework; analyzes, evaluates, interprets the results obtained and substantiates conclusions; takes an active part in the process of organizing production, resource support of the production process, marketing, logistics management organizations, in the development of environmental management and environmental protection measures.

- Production and management activities. Production and management activity is the prerogative of masters in this field of training, since the educational process requires them to thoroughly study all issues related to the management process, including: production management; creation of an effective management system; analysis of the effectiveness of management decisions, controlling the entire spectrum of production and management activities.

- Project activity. The project activity of masters in this specialty is carried out in two main directions: organizational design and feasibility study of projects. Organizational design includes the development of organizational management structures, justification of the expected technical and economic results of their implementation and adaptation. The feasibility study of projects involves the preparation and implementation of design calculations, the development of special documentation (feasibility study, business plan, etc.) in relation to the organization of a new enterprise, technical re-equipment, reconstruction and expansion of an existing enterprise, the introduction of new types of products, as well as monitoring compliance of the developed projects with standards and other regulatory documents.

- Research activities. The research activities of masters in this field of training are carried out both within the research programs of higher educational institutions and as part of the corresponding research groups of research institutes, enterprises and organizations. A special place is given to international programs of scientific cooperation in the field of economics, organization and management.

- Educational (pedagogical) activity. The educational (pedagogical) activity of graduates of this profile consists in professional activity (teaching economic disciplines) in general educational institutions, educational institutions of primary vocational, secondary vocational education.

d) Functions of the graduate's professional activity:

- identification of promising directions for the development of business structures;
- development of business models and development strategies;
- development and implementation of investment and innovation projects, as well as PPP projects;
- assessment of business and project risks, as well as their management;
- optimization of business processes;
- generation of new promising ideas for the effective operation of the business structure
- analysis, planning and forecasting of the company's activities;
- analysis of the financial and economic activities of the enterprise;
- planning management, implementation of work on the examination of project, pre-project documentation;
- preparation of expenditure plans, income, cash flow projects;
- organization of project implementation in accordance with the work plan;
- coordination of the work of project team members;
- quality control of work on projects.

Type of competencies	Learning Outcome Code	Learning outcome (according to Bloom's taxonomy)
1. Behavioral skills and personal qualities: (Soft skills)	LO 1	Explains the main epistemological models, the nature of transformations of the concept of rationality, forms and methods of pre-scientific, scientific and extra-scientific cognition, modern approaches to socio-humanitarian and natural science knowledge and their commensurability, approaches to solving problems arising in the course of research activities.
	LO 2	Summarizes knowledge of the main provisions of the content of higher education, modern didactic concepts in higher education; features of the design and organization of the pedagogical process at the university, modern educational technologies, methods for solving problems arising in the pedagogical process and requiring in-depth pedagogical knowledge.
	LO 3	Evaluates the system of provisions and features of the activities of a practical psychologist in the field of management and in the field of conflict resolution between the subjects of interaction, working with participants of conflicting parties of the organizational system, providing them with psychological assistance in the management field.
	LO 4	Summarizes the knowledge of a foreign language to the extent necessary to obtain professional information from foreign sources and elementary communication at the general and professional level, general, business and professional vocabulary of a foreign language.
2. Digital competencies: (Digital skills)	LO 5	Evaluates the system of relations between market institutions and mechanisms of social regulation and stimulation of the development of science, education, high technologies, functions and tasks of managing the processes of commercialization of the results of scientific and scientific-technical activities.
	LO 6	Studies the features of innovation in economics, international, national, regional and intra-company management of innovation processes.
3. Professional competencies: (Hard skills)	LO 7	Analyzes the theory and methodology of project management, the basic principles of organization, planning and project management, finding organizational and managerial decisions from the standpoint of the social significance of decisions taken in the process of project management and organizational transformation, the use of regulatory legal documents in professional activities.
	LO 8	Identifies and evaluates project risks, as well as manages them, assesses the probabilities of risk events in the implementation of projects and their possible damage to the enterprise, develops project risk management strategies, uses methods of diagnosis and assessment of project risks, as well as tools to neutralize and reduce them.
	LO 9	Evaluates the main planned indicators of the enterprise, the purpose, structure and content of the main financial reports of the organization, the content and interrelation of the main elements of the strategic analysis and planning process.
	LO 10	Studies the theory and methodology of project management, project structuring procedures, development of project estimates, project time and cost management, project progress monitoring, project schedule calculation using calendar and network planning tools.
	LO 11	Analyzes the structure and features of business planning of investment projects, stages of their development, method of determining the effectiveness of investment projects, evaluates the effectiveness of investment projects under various conditions of investment and financing.
	LO 12	Distinguishes the features of project engineering in the methods of calculation justification, scientific research and development of engineering, scientific support of project engineering in the preliminary feasibility study of design solutions.
	LO 13	Summarizes the conceptual foundations and methodology of state project management with programs, basic principles and methods of organization, planning and management of state projects using regulatory legal documents in the field of management of state projects and programs.
	LO 14	Explains the features of project management in the social sphere, the stages of their development, methods for determining the effectiveness of projects in the social sphere, evaluating the effectiveness of projects in the social sphere.
	LO 15	Evaluates innovative projects, innovations, the economic efficiency of innovative projects, directions for improving the management of innovative projects, the choice of a rational innovation strategy.

Definition of discipline modules in accordance with the learning outcomes

Learning Outcome Code	Name of the module	Name of disciplines	Volume (ECTS)
LO 1, LO 5	Philosophical and historical aspects of social and humanitarian knowledge	History and philosophy of science	4
LO 1, LO 2		Higher school pedagogy	4
LO 1, LO 2, LO 3		Psychology of management	4
LO 1, LO 2		Pedagogical practice	4
LO 4	Professional languages	Foreign language (professional)	4
LO 4		Business English in Project Management	5
LO 4		Foreign language for special purposes	
LO 1, LO 5, LO 6, LO 15	Administration and commercialization of scientific and educational projects	Commercialization of the results of scientific and scientific-technical activities	5
LO 1, LO 5, LO 6, LO 15		High-tech entrepreneurship in small business	
LO 6, LO 15		Innovation in project management	5
LO 5, LO 15		Innovation economics and management	
LO 4, LO 7, LO 8, LO 10, LO 14	Project management methodology	Project management technology (in english)	4
LO 8, LO 10, LO 12		Project risks and methods of their management	5
LO 8, LO 9, LO 10		Strategic economic analysis	5
LO 4, LO 11	Technological aspects of project management	Real investments (in English)	5
LO 4, LO 10		Teaching Techniques in Economics	
LO 8, LO 10, LO 12		Project engineering	5
LO 8, LO 9, LO 10, LO 12		System engineering and reengineering of innovative projects	
LO 10, LO 11, LO 12, LO 13	Project management practice in the following areas	Management of public projects and programs	5
LO 10, LO 11, LO 12, LO 13		Managing territorial development projects	
LO 7, LO 13, LO 14		Project management in the social sphere	5
LO 3, LO 7, LO 12, LO 13		Management projects and programs of promoting employment	
LO 5, LO 15		Innovative entrepreneurship (in English)	5
LO 5, LO 15		Innovative project management (in English)	
	Scientific research work	Research practice	14
		Research work of a master's student, including internship and completion of a master's thesis (RWMS)	24
	Final certification	Preparation and defense of a master's thesis and passing a comprehensive exam	8

Cycle of basic disciplines																	
Component of choice																	
D5	Business english in project management	Use of professional terms in English. Course content: basic techniques of translation of terminological combinations, features of translation of terms of literature in the specialty, types of abbreviations in the language, international words, analysis and evaluation of scientific, professional texts, improving the level of linguistic and competence.	5					+									
	Foreign language for special purposes	Formation of methodological and linguistic basis for the development of foreign language speech for professional and general development purposes among undergraduates. The content of the discipline: deepening of the general professional and intercultural orientation of training, including highly specialized and general professional spheres for the formation of potential for future professional activity in students, the development of special terms, the formation of a terminological vocabulary in students.	5					+									
D6	Commercialization of the results of scientific and scientific-technical activities	The study of the process of commercialization of the results of scientific and intellectual activity, attracting investment, implementation of development in production and their further support. Content of the discipline: legal bases of commercialization of scientific achievements, technologies of commercialization of inventions and innovations, business plan and tender documentation of the commercialization project.	5	+					+	+							+
	High-tech entrepreneurship in small business	Study of the essence, content and characteristics of high-tech production and business. The content of the discipline: Fundamentals, infrastructure, and trends in the development of modern innovative entrepreneurship. Methods, strategies, features of functioning and management of high-tech business. Characteristics, criteria, and features of small knowledge-intensive business.	5	+					+	+							+
D7	Innovation in project management	Formation of a holistic view of economic innovations, teaching skills in the field of diagnostics and analysis of economic innovations. Course content: Continuity of innovation processes in the economy and society. Building innovative development strategies at any level of the economy. Innovative type of thinking and skills of innovative behavior.	5							+							+
	Innovation economics and management	The study of the objective foundations of the interaction of science with industrial and non-industrial branches of activity. Content of the discipline: Theory and practice of development, implementation and management of innovative processes in production and economic activity. Justification and management of innovative projects, formation and decision-making on the regulation of innovation activities.	5							+							+

Cycle of profile disciplines

University component																
D8	Project management technology (in english)	Formation of undergraduates' theoretical knowledge and practical skills necessary for effective professional activity in the field of project management. Course content: scientific, theoretical and methodological foundations of the project management system, methodological approaches to decision-making on the development of the project concept, its structuring and evaluation, the role and functions of the project manager.	4				+			+	+		+			+
D9	Project risks and methods of their management	Formation of theoretical knowledge and practical skills in the field of assessing the degree of uncertainty and risk in the design, identification and classification of project risks, risk analysis in the design process, management decision-making in conditions of uncertainty and risk. Course content: concepts of risk management in project management, approaches to the analysis and assessment of project risks, methods of risk neutralization.	5								+		+		+	
D10	Strategic economic analysis	Obtaining knowledge that allows you to master new forms and methods of analyzing the financial and economic activities of an enterprise, organization. Course content: modern strategic analysis, strategic analysis of the external and internal environment of the organization, development of a strategic vision, definition of the mission and goals of the organization, identification of strategic target priorities, development of the strategic plan of the organization, effectiveness of strategic analysis.	5								+	+	+			
Cycle of profile disciplines																
Component of choice																
D11	Real investments (in English))	The study of the features of the analysis of investments in real assets in comparison with financial investments, the formation of ideas about the requirements for the information base, methods and techniques of predictive work in the field of building a financial model of an investment project. Course content: investment activity of an enterprise, various types of investors, their specific goals and requirements for investment projects, interaction of enterprises and investors.	5				+									
	Teaching Techniques in Economics	Training of a specialist who knows the structure, content, features of the subject and methodology of economic sciences; who has mastered the skills and abilities of analysis, synthesis, scientific abstraction, etc. Course content: the place of teaching methods in the system of sciences and its subject, methods of preparation and lecturing on economic disciplines, methods of preparation and conducting seminars in economic disciplines, methods of organizing independent work of students in economic disciplines, methods of using visibility, technical means and new technologies.gii in the teaching of economic disciplines, the specifics of the methodology of teaching economic disciplines in					+						+			

		distance learning systems.																
D12	Project engineering	Formation of modern economic thinking of a service sector specialist focused on the use of innovative market-type management technologies. Course content: General characteristics of business process reengineering. Technology of business process reengineering. The main stages of business process reengineering. Cost analysis of functions (Activity-Based Costing). Technologies of dynamic analysis of business processes. Engineering project participants and their roles.	5								+		+		+			
	System engineering and reengineering of innovative projects	Formation of knowledge in the field of system engineering and business process reengineering, as a set of works on the design or optimization of business processes in the service sector and as a specific type of service such as R&D. Course content: theoretical, methodological foundations of system engineering and business reengineering in the service sector, the use of innovative market-type management technologies.	5								+	+	+		+			
D13	Management of public projects and programs	Formation of a complex of knowledge, skills and abilities that allow participating in the management of programs and projects for the regional and public sector, ensuring the achievement of certain results in terms of the composition and scope of work, cost, time, quality and satisfaction of participants. Course content: basic elements of design and programming, structure, requirements, procedures for the functioning of the mechanism of the system of state design and programming.	5										+	+	+	+		
	Managing territorial development projects	Training of specialists who are able to flexibly combine theoretical knowledge and project management skills based on interdisciplinary analysis of spatial development trends and specific urban problems. Course content: the essence of territorial development, objects, the process of urban and territorial planning, project participants: municipality, planners, business, developers, local communities, residents, social workers, experts and analysts.	5										+	+	+	+		
D14	Project management in the social sphere	Formation of undergraduates' theoretical knowledge and practical skills necessary for effective professional activity in the field of project management in the social sphere. Course content: conceptual and categorical apparatus in the field of the specifics of the social sphere: social technologies, social projects, social conflicts, methodological approaches to decision-making on the development of a project concept in the social sphere.	5							+						+	+	
	Management projects and programs of promoting employment	Formation of a modern, systematic and holistic scientific understanding of the socio-economic essence of employment, modern approaches and projects to its regulation and solving unemployment problems, formation of ideas about the specifics of the problems of the population, especially vulnerable categories in	5				+			+					+	+		

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

Learning outcomes	Planned learning outcomes for the module	Training methods	Assessment methods
LO 1	Explains the main epistemological models, the nature of transformations of the concept of rationality, forms and methods of pre-scientific, scientific and extra-scientific cognition, modern approaches to socio-humanitarian and natural science knowledge and their commensurability, approaches to solving problems arising in the course of research activities.	Lecture Case methods Preparation and conduct of the questionnaire	Colloquium, Control exercise, Test
LO 2	Summarizes knowledge of the main provisions of the content of higher education, modern didactic concepts in higher education; features of the design and organization of the pedagogical process at the university, modern educational technologies, methods for solving problems arising in the pedagogical process and requiring in-depth pedagogical knowledge.	Lecture Case methods	Colloquium, Control exercise, Test
LO 3	Evaluates the system of provisions and features of the activities of a practical psychologist in the field of management and in the field of conflict resolution between the subjects of interaction, working with participants of conflicting parties of the organizational system, providing them with psychological assistance in the management field.	Lecture Case methods Brain attack	Colloquium, Control exercise, Test
LO 4	Summarizes the knowledge of a foreign language to the extent necessary to obtain professional information from foreign sources and elementary communication at the general and professional level, general, business and professional vocabulary of a foreign language.	Lecture Case methods	Colloquium, Control exercise, Test
LO 5	Evaluates the system of relations between market institutions and mechanisms of social regulation and stimulation of the development of science, education, high technologies, functions and tasks of managing the processes of commercialization of the results of scientific and scientific-technical activities.	Lecture Case methods	Colloquium, Control exercise, Test
LO 6	Studies the features of innovation in economics, international, national, regional and intra-company management of innovation processes.	Lecture Case methods Brain attack	Colloquium, Control exercise, Test
LO 7	Analyzes the theory and methodology of project management, the basic principles of organization, planning and project management, finding organizational and managerial decisions from the standpoint of the social significance of decisions taken in the process of project management and organizational transformation, the use of regulatory legal documents in professional activities.	Lecture Case methods	Colloquium, Control exercise, Test
LO 8	Identifies and evaluates project risks, as well as manages them, assesses the probabilities of risk events in the implementation of projects and their possible damage to the enterprise, develops project risk management strategies, uses methods of diagnosis and assessment of project risks, as well as tools to neutralize and reduce them.	Lecture Case methods	Colloquium, Control exercise, Test
LO 9	Evaluates the main planned indicators of the enterprise, the purpose, structure and content of the main financial reports of the organization, the content and interrelation of the main elements of the strategic analysis and planning process.	Lecture Case methods	Colloquium, Control exercise, Test

LO 10	Studies the theory and methodology of project management, project structuring procedures, development of project estimates, project time and cost management, project progress monitoring, project schedule calculation using calendar and network planning tools.	Lecture Case methods Trainings	Colloquium, Control exercise, Test
LO 11	Analyzes the structure and features of business planning of investment projects, stages of their development, method of determining the effectiveness of investment projects, evaluates the effectiveness of investment projects under various conditions of investment and financing.	Lecture Case methods	Colloquium, Control exercise, Test
LO 12	Distinguishes the features of project engineering in the methods of calculation justification, scientific research and development of engineering, scientific support of project engineering in the preliminary feasibility study of design solutions.	Lecture Case methods	Colloquium, Control exercise, Test
LO 13	Summarizes the conceptual foundations and methodology of state project management with programs, basic principles and methods of organization, planning and management of state projects using regulatory legal documents in the field of management of state projects and programs.	Lecture Case methods	Colloquium, Control exercise, Test
LO 14	Explains the features of project management in the social sphere, the stages of their development, methods for determining the effectiveness of projects in the social sphere, evaluating the effectiveness of projects in the social sphere.	Lecture Case methods Trainings	Colloquium, Control exercise, Test
LO 15	Evaluates innovative projects, innovations, the economic efficiency of innovative projects, directions for improving the management of innovative projects, the choice of a rational innovation strategy.	Lecture Case methods	Colloquium, Control exercise, Test

Criteria for assessing the achievability of learning outcomes

Codes of LO	Criteria
LO 1	Knows: the main epistemological models, the nature of transformations of the concept of rationality; forms and methods of scientific, scientific and extra-scientific cognition, modern approaches to socio-humanitarian and natural science knowledge and their commensurability
	Can: formulate and solve problems that arise in the course of research activities and require in-depth professional knowledge; choose the necessary research methods, modify existing and develop new methods based on the tasks of a specific study; analyze and comprehend the realities of modern theory and practice based on the methodology of socio-humanitarian and natural science knowledge
	Owens: skills of conducting independent research and scientific and pedagogical activities that require a broad multidisciplinary education; the ability to apply methodological and methodological knowledge in conducting scientific research, pedagogical and educational work; writing scientific articles, theses, speeches at conferences, symposiums, round tables, discussions and debates
LO 2	Knows: the main provisions of the content of higher education, modern didactic concepts in higher education; features of the design and organization of the pedagogical process at the university, modern educational technologies; fundamentals of pedagogical skills and pedagogical techniques, management in education, management of the process of formation and development of the personality of students
	Can: formulate and solve problems arising in the pedagogical process and requiring in-depth pedagogical knowledge; analyze and comprehend the realities of modern theory and practice of higher education; diagnose and advise students taking into account the profile of future professional activity
	Owens: skills of conducting independent research and scientific and pedagogical activities that require a broad multidisciplinary education; the ability to apply methodological and methodological knowledge in conducting scientific research, educational and educational work
LO 3	Knows: the main provisions and features of the activity of a practical psychologist in the field of management activities; methods and techniques for improving the effectiveness of the organization
	Can: formulate and solve problems arising in management activities, apply knowledge in the field of theory and practice of organizing potential opportunities in the organizational sphere
	Owens: skills of working with participants of the conflicting parties, the organizational system, providing them with psychological assistance in the management sphere; communication skills to solve problems in the field of management psychology
LO 4	Knows: foreign language to the extent necessary to obtain professional information from foreign sources and elementary communication at the general and professional level; general, business and professional vocabulary of a foreign language to the extent necessary for communication, reading and translation (with a dictionary) of foreign-language texts of professional orientation; basic grammatical structures of literary and spoken language
	Can: use a foreign language in interpersonal communication and professional activity; freely and adequately express their thoughts in conversation and understand the interlocutor's speech in a foreign language; conduct written communication in a foreign language, compose business letters; apply methods and means of cognition for intellectual development, improving cultural level, professional competence
	Owens: skills of expressing their thoughts and opinions in interpersonal, business and professional communication in a foreign

	language; various skills of speech activity (reading, writing, speaking, listening) in a foreign language
LO 5	Knows: a system of relations between market institutions and mechanisms of social regulation and stimulation of the development of science, education, high technologies, nanotechnology; functions and tasks of managing the processes of commercialization of the results of scientific and scientific-technical activities
	Can: formulate the process of commercialization of scientific and scientific-technical research in order to identify problem points of turning scientific results into an intellectual product
	Owens: the skills of implementing a set of organizational, technical and economic measures to address the issues of commercialization of the results of scientific and scientific-technical activities
LO 6	Knows: basic concepts, categories that reveal the essence of innovation in project management, features of the development of innovation theory, patterns of development of innovation processes, theory and practice of international, national, regional and intra-company management of innovation processes in project management.
	Can: highlight the problems of managing innovation processes, develop innovative projects with positive results and access to markets
	Owens: skills of using methods of selection and evaluation of innovative projects, as well as methods of evaluation of innovative development in business administration
LO 7	Knows: conceptual foundations and methodology of project management; basic principles and methods of project organization, planning and management
	Can: to find organizational and managerial decisions and willingness to bear responsibility for them from the standpoint of the social significance of the decisions taken in the process of project management and organizational transformation
	Owens: the skills of using regulatory legal documents in professional activities, including to justify the feasibility of the project and organizational changes
LO 8	Knows: conceptual framework for identification and assessment of project risks, as well as methodology for their management
	Can: to assess the probability of risk events in the implementation of projects and their possible damage to the enterprise, to develop a strategy for project risk management
	Owens: skills of using methods of diagnostics and assessment of project risks, as well as tools for their neutralization and reduction
LO 9	Knows: the methodology of the complex strategic analysis of the company's activities, the main planned indicators of its activities; the purpose, structure and content of the main financial reports of the organization; the content and relationship of the main elements of the strategic analysis and planning process
	Can: calculate, on the basis of standard methods and the current regulatory framework, economic indicators characterizing the activities of economic entities, use cost standards when developing appropriate proposals for the implementation of the developed enterprise activity plans
	Owens: the skills of diagnostics and strategic analysis of business processes at the enterprise, as well as the skills of carrying out the planned and reporting work of the organization
LO 10	Knows: project management technologies, the procedure for structuring the project; the procedure for developing the project budget; methods for managing the time and cost of the project; methods for monitoring the progress of the project; the essence, structure and features of business planning of investment projects
	Can: carry out system planning of the project at all phases of its life cycle; calculate the project schedule using calendar and network planning tools; develop business plans for investment projects

	Owens: skills in using project planning methods, project budgeting methods, project analysis methods; methods for monitoring the progress of project implementation; evaluating the effectiveness of investment projects under various investment and financing conditions
LO 11	Knows: the economic essence and content of various categories of investments and investment activities in conditions of uncertainty and risks; features of business planning of investment processes, financing of capital investments from the moment of formation of sources of financing to their provision on different conditions; conceptual features of innovative entrepreneurship, modern methods of its management
	Can: conduct a comparative analysis of projects that differ in investment, life span, direction of cash flows and select effective investment projects; manage innovative entrepreneurship
	Owens: skills in assessing the effectiveness of investments, investment portfolio management and innovative entrepreneurship
LO 12	Knows: fundamentals of project engineering; methods of design justification of project engineering; methods, plans and programs of scientific research and development of engineering; scientific support of project engineering
	Can: conduct a preliminary feasibility study of design solutions, develop design and working technical documentation, execute completed design work, monitor compliance of developed projects and technical documentation with the task, standards, specifications and other regulatory documents
	Owens: skills of analyzing the external and internal environment of the organization in order to make rational management decisions based on the effective use of engineering and reengineering of innovative projects
LO 13	Knows: conceptual foundations and methodology of management of state projects and programs, as well as territorial development projects; basic principles and methods of organization, planning and management of state projects and programs
	Can: to find organizational and managerial decisions and willingness to bear responsibility for them from the standpoint of the social significance of the decisions taken in the process of managing state projects and programs, as well as territorial development projects
	Owens: skills in the use of regulatory legal documents in the field of management of state projects and programs, as well as territorial development projects
LO 14	Knows: the essence, features of project management in the social sphere, the stages of their development, the methodology for determining the effectiveness of employment promotion projects
	Can: develop and implement projects in the social sphere
	Owens: skills to assess the effectiveness of projects in the social sphere
LO 15	Knows: the essence and modern problems of change management; classification of innovations; functions, methods and models of innovative project management; forms of organization of innovative activity; tasks and principles of organization of mastering the production of new products; domestic and foreign experience in the application of innovative entrepreneurship development methods; methods of assessing the economic efficiency of innovative projects
	Can: to determine the directions of improving the management of innovative projects, to apply methods of assessing the economic efficiency of the development of innovative entrepreneurship
	Owens: skills of choosing a rational innovation strategy, determining the investment attractiveness of an innovative project

Graduate attributes

High professionalism in the field of economics and business
 Emotional intelligence
 Adaptability to global challenges
 Leadership
 Entrepreneurial thinking
 Global citizenship
 Understanding the importance of principles and culture of academic integrity

Model of a graduate of an educational program

Types of competencies	Competency description
1. Behavioral skills and personal qualities (Softskills):	Ability to abstract thinking, analysis, synthesis The ability to improve and develop their intellectual and general cultural level Willingness to act in non-standard situations, to bear social and ethical responsibility for the decisions made The ability to independently acquire and use in practice new knowledge and skills, including new areas of knowledge not directly related to the field of activity The ability to independently master new research methods, to change the scientific and scientific-industrial profile of their professional activities
2. Digital competencies (Digital skills):	The ability to develop scientific and innovative projects and effectively commercialize and digitize them in accordance with current legislation He is able to work in a digital environment and with digital products, including the activity of creating and collecting data, processing and analyzing them, as well as automating processes using computer technology.
3. Professional competencies (Hardskills)	The ability to use socio-psychological techniques of managerial communication in the sphere of their professional activity in making organizational and managerial decisions and managing a team The ability to communicate freely, easily and convincingly in a verbal and non-verbal form in a foreign language in the professional sphere The ability to effectively commercialize the results of scientific and scientific-technical activities in accordance with the current legislation and manage knowledge-intensive entrepreneurship in small businesses Ability to develop and manage projects for the implementation of innovations, the introduction of technological and product innovations The ability to use the conceptual foundations and methodological principles of project management aimed at obtaining quality results and effective resource management Ability to identify and assess project risks, neutralize and minimize them Ability to strategic economic analysis, develop and implement an organization's strategy aimed at ensuring competitiveness The ability to use modern project management technology that ensures the achievement of project results in terms of the composition and scope of work, cost, time, quality and satisfaction of project participants; identify and assess risks in the organization's activities, manage them, neutralizing and minimizing them Ability to carry out effective business planning of investment projects, develop investment and innovation projects The ability to make rational management decisions based on the effective application of project engineering, apply modern methods of engineering and reengineering of innovative projects Ability to effectively manage state projects and programs, as well as territorial development projects using modern methods and tools The ability to manage projects in the social sphere and programs to promote employment of the population, with obtaining high-quality results with rational use of resources Ability to manage innovative projects, technological and product innovation implementation programs, organizational change programs, innovative

Compliers:

Working Group Members:

Head of the Department of Economics and International Business, PhD, Associate Professor,
Candidate of Economics, Associate Professor
Candidate of Economics, Professor
Graduate student



Zh.M. Zhartay

Z.K. Zhanybayeva



B.H. Raimbekov

Zh.S. Ashirbekova

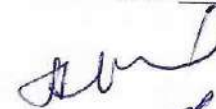
Note:

The educational program was reviewed and recommended at the faculty council from 15.03.2023 Protocol No 8

The educational program was considered at the meeting of the SMC and recommended for approval from 28.04.23 Protocol No 5

The educational program was reviewed and approved at a meeting of the Academic Council from 30.05.2023 Protocol No 12

Member of the Board, Vice-Rector for Academic Affairs
Acting Director of the Academic Work Department
Dean of the economic faculty



T.Z. Zhusipbek



S.A. Smailova



Zh.S. Khussainova

EDUCATIONAL PROGRAM DEVELOPMENT PLAN

7M04106 – PROJECT MANAGEMENT

The purpose of the Plan is to contribute to improving the quality of the conditions for the implementation of the educational program, taking into account the current requirements of the labor market and the achievements of modern science.

Target indicators:

No	Indicators	Unit of measurement	2022-2023 (in fact)	2023-2024 (plan)	2024-2025 (plan)	2025-2026 (plan)
1	Human resources development					
1.1	Increase in the number of teachers with academic degrees	Number of people	19	+1	+1	+1
1.2	Advanced training in the teaching profile	Number of people	15	+1	+1	+1
1.3	Involvement of practitioners in teaching	Number of people	7	+1	+1	+1
2	Promotion of the EP in the ratings					
2.1	IQAA	Position	2	2	1	1
2.2	IAAR	Position	7	5	3	1
2.3	Atameken	Position	-	-	-	-
3.	Development of educational and scientific-methodical literature, electronic resources					
3.1	Textbooks	Number	-	1	1	2
3.2	Training manuals	Number	2	3	4	5
3.3	Methodological recommendations/instructions	Number	1	1	2	2
3.4	Electronic textbook	Number	2	3	4	5
3.5	Video/audio lectures	Number	1	1	2	2
4.	Development of educational and laboratory facilities	Number				
4.1	Purchase of software products	Number	1	2	2	2
4.2	Purchase of equipment	Number	2	2	3	3
5.	Updating the content of the EP					
5.1	Updating the learning outcomes and the list of disciplines taking into account the requirements of the labor market, scientific achievements, professional standards	Year			+	
5.2	Introduction to the EP of academic disciplines in foreign languages*	Year		+		
5.3	Introduction of new teaching methods	Year			+	

Head of the Department of Economics and International Business



Zh. Zhartay