

MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN

KARAGANDA UNIVERSITY
NAMED AFTER ACADEMICIAN EA.Buketov

«AGREED»

Chairman of the Board of the Chamber
of Commerce of the Karaganda region
Bekselkova K.K.

«14» 2022 y.

«AGREED»

Director of the National "Atameken" Chamber of Entrepreneurs
of Karaganda region

Kulpeisov E.D.
2022 y.

«APPROVE»

Chairman of the Management Board - Rector
Dulatbekov N.O.

«14» 2022 y.

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

«7M04106-Project management»
Level: Master

Karaganda, 2022

The educational program in the specialty «7M04106-Project management» was developed in accordance with the State Educational Establishment of the Republic of Kazakhstan

- The Law of the Republic of Kazakhstan dated July 27, 2007 No. 319-III "On Education".
- Law of the Republic of Kazakhstan dated July 11, 1997 No. 151-І. "On languages in the Republic of Kazakhstan".
- State compulsory standard of postgraduate education of Oct 31, 2018 No. 604
- The National Qualifications Framework of March 16, 2016 by the Republican Tripartite Commission on Social Partnership and Regulation of Social and Labor Relations.
- Order of the Ministry of Education and Science of the Republic of Kazakhstan "On approval of the Rules for organizing the educational process on credit technology" dated October 2, 2018 No. 152
- Classifier of areas for training personnel with higher and postgraduate education from October 13, 2018. No. 569.

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

- analysts, 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 executive plans, projects, research 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.

Formulation of competency-based learning outcomes

Form 2

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.

Form 3

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 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 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 15		High-tech entrepreneurship in small business	
LO 6, LO 15		Innovation in project management	5
LO 5, LO 15	Project management methodology	Economics and innovation management	
LO 3, LO 5, LO 7, LO 13		The theory of project management	4
LO 8, LO 10, LO 12		Project risks and methods of their management	4
LO 8, LO 9, LO 10	Technological aspects of project management	Strategic economic analysis	4
LO 4, LO 7, LO 8, LO 10, LO 14		Project Management Technology (in English)	4
LO 4, LO 11		Real investments (in English)	
LO 8, LO 10, LO 12	Project management practice in the following areas	Project engineering	4
LO 8, LO 9, LO 10, LO 12		System engineering and reengineering of innovative projects	
LO 10, LO 11, LO 12, LO 13		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	4
LO 3, LO 7, LO 12, LO 13		Managing projects and programs to promote employment	
LO 5, LO 15	Scientific research work	Innovative project management (in English)	4
LO 5, LO 15		Innovative entrepreneurship (in English)	
		Research practice	14
	Final certification	Research work of a master's student, including internship and completion of a master's thesis (RWMS)	23
		Preparation and defense of a master's thesis and passing a comprehensive exam	12

[illegible]

[illegible]

[illegible]

[illegible]

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

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

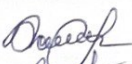


Types of competencies	Competency description
1. Behavioral skills and personal qualities (Softskills):	<p>Ability to abstract thinking, analysis, synthesis</p> <p>The ability to improve and develop their intellectual and general cultural level</p> <p>Willingness to act in non-standard situations, to bear social and ethical responsibility for the decisions made</p> <p>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</p> <p>The ability to independently master new research methods, to change the scientific and scientific-industrial profile of their professional activities</p>
2. Digital competencies (Digital skills):	<p>The ability to develop scientific and innovative projects and effectively commercialize and digitize them in accordance with current legislation</p> <p>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.</p>
3. Professional competencies (Hardskills)	<p>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</p> <p>The ability to communicate freely, easily and convincingly in a verbal and non-verbal form in a foreign language in the professional sphere</p> <p>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</p> <p>Ability to develop and manage projects for the implementation of innovations, the introduction of technological and product innovations</p> <p>The ability to use the conceptual foundations and methodological principles of project management aimed at obtaining quality results and effective resource management</p> <p>Ability to identify and assess project risks, neutralize and minimize them</p> <p>Ability to strategic economic analysis, develop and implement an organization's strategy aimed at ensuring competitiveness</p> <p>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</p> <p>Ability to carry out effective business planning of investment projects, develop investment and innovation projects</p> <p>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</p> <p>Ability to effectively manage state projects and programs, as well as territorial development projects using modern methods and tools</p>

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 entrepreneurship

Compliers:

Working Group Members:

Head of the Department of Economics and International Business, PhD, Associate Professor,
Candidate of Economics, Associate Professor
responsible for postgraduate educational programs, Master of Economics

 Zh.M. Zhartay
 Z.K. Zhanybayeva
 S.D. Shushaev

The educational program was reviewed and recommended at the faculty council from 14.01.2014 Protocol № 4
The educational program was considered at the meeting of the SMC and recommended for approval from 18.04.2014 Protocol № 5
The educational program was reviewed and approved at a meeting of the Academic Council from 16.05.2014 Protocol № 12

Member of the Board, Vice-Rector for Academic Affairs

 T.Z. Zhusipbek

Director of the Department of Academic Affairs

 G.S. Akybaeva

Dean of the economic faculty



Zh.S. Khussainova

EDUCATIONAL PROGRAM DEVELOPMENT PLAN

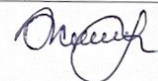
7M04106 – PROJECT MANAGEMENT

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:

№	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